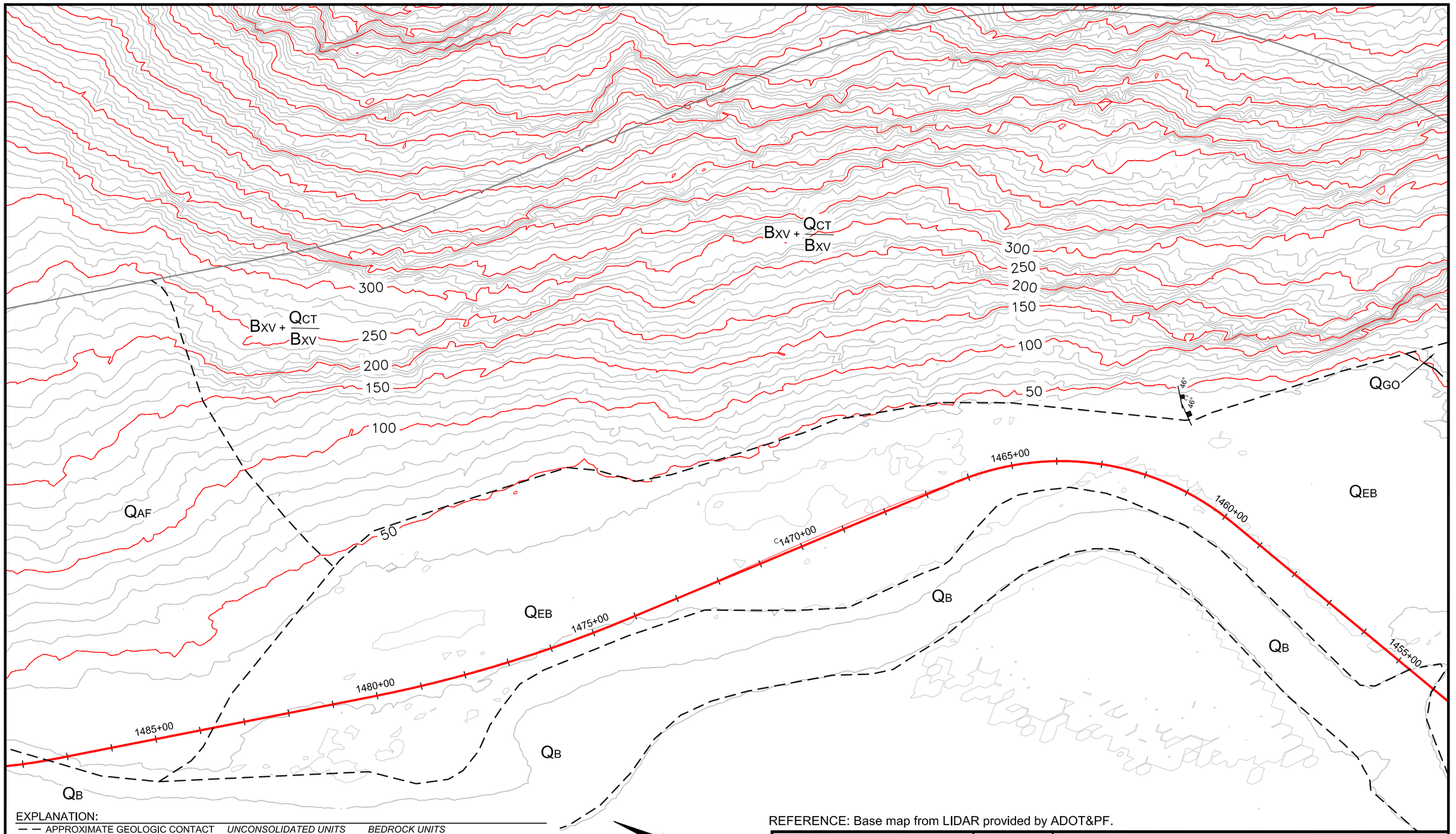


EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

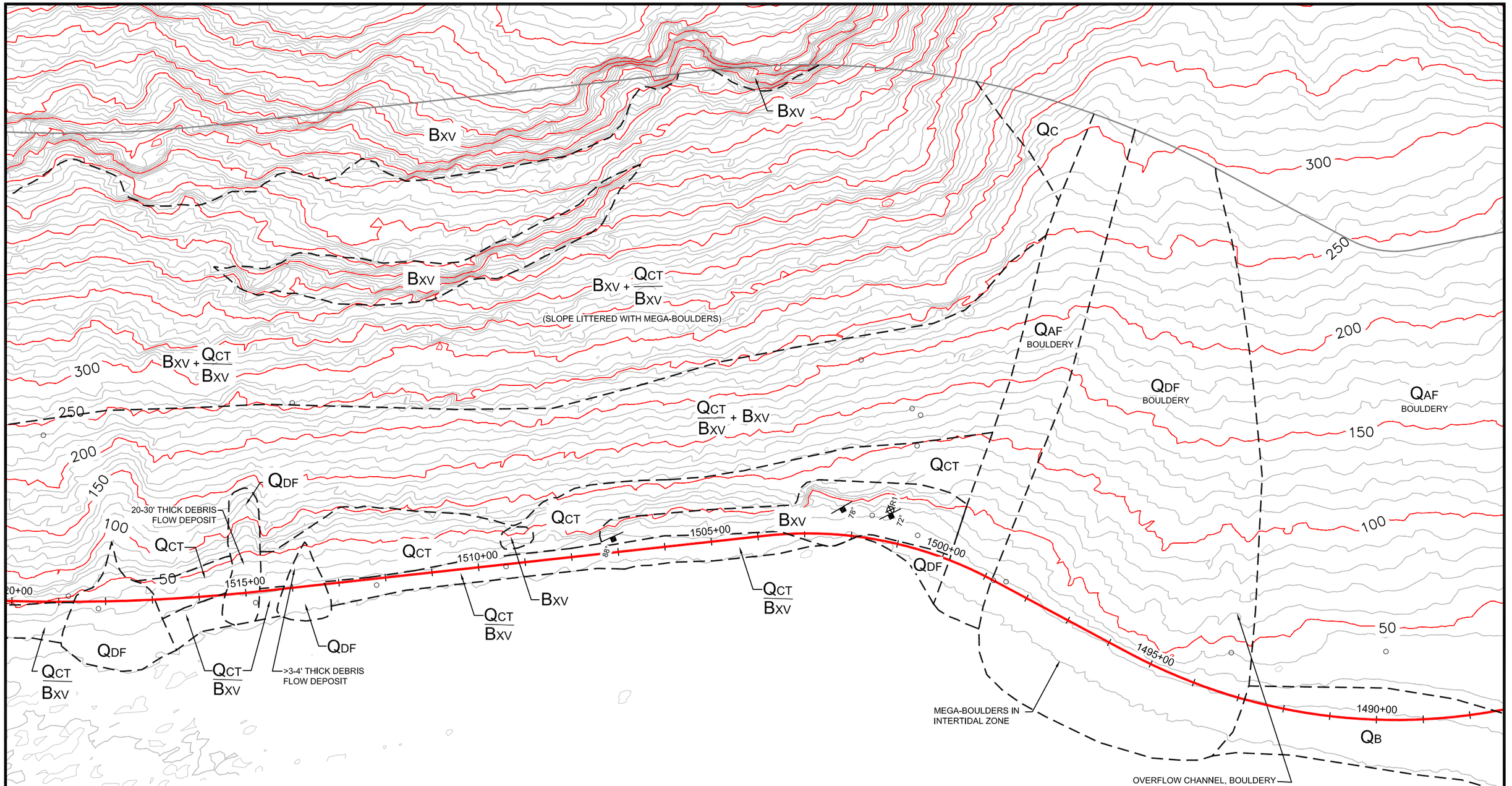
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1454+00 - 1488+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 1



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

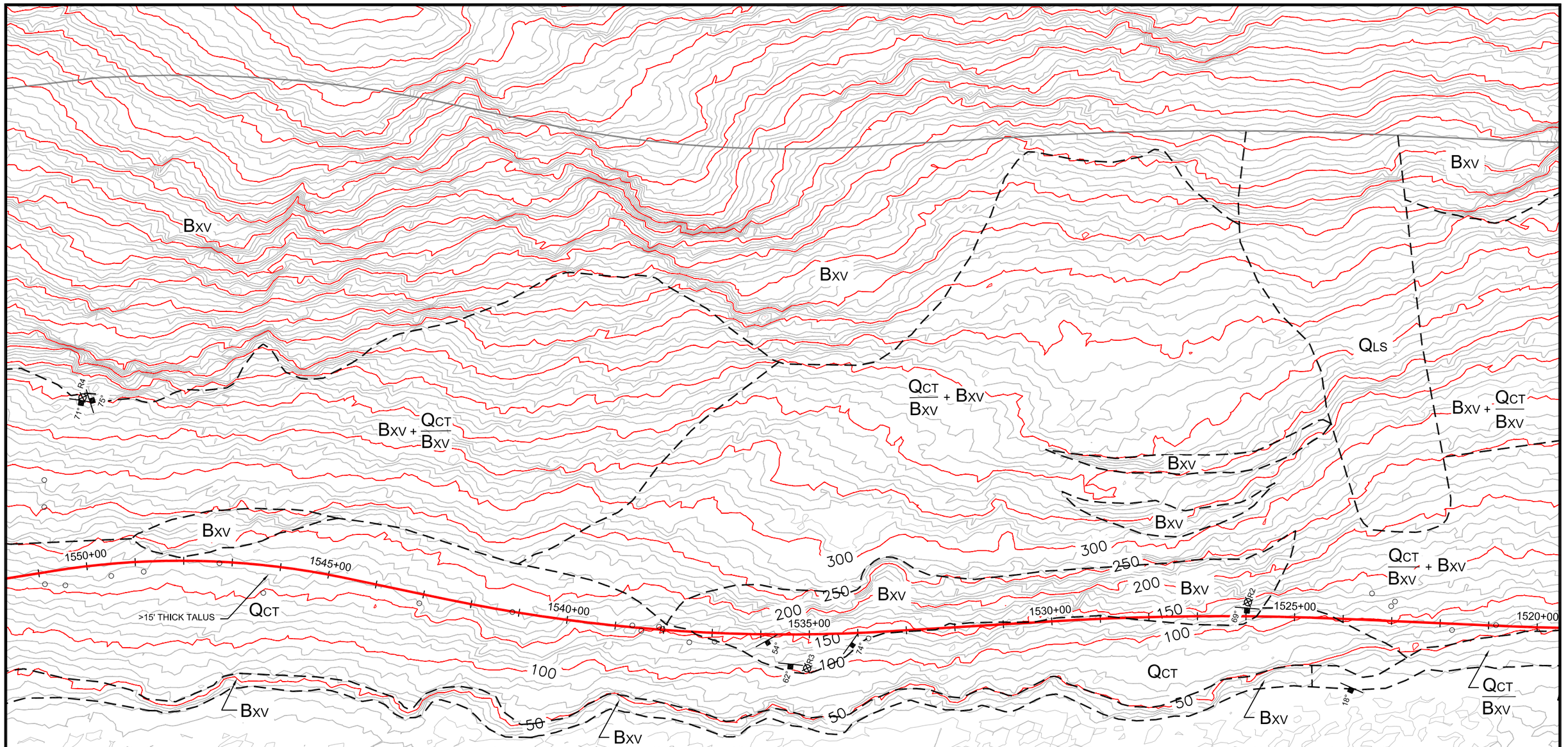
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1488+00 - 1520+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 2



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT; UNIT LISTED FIRST IS PREDOMINANT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

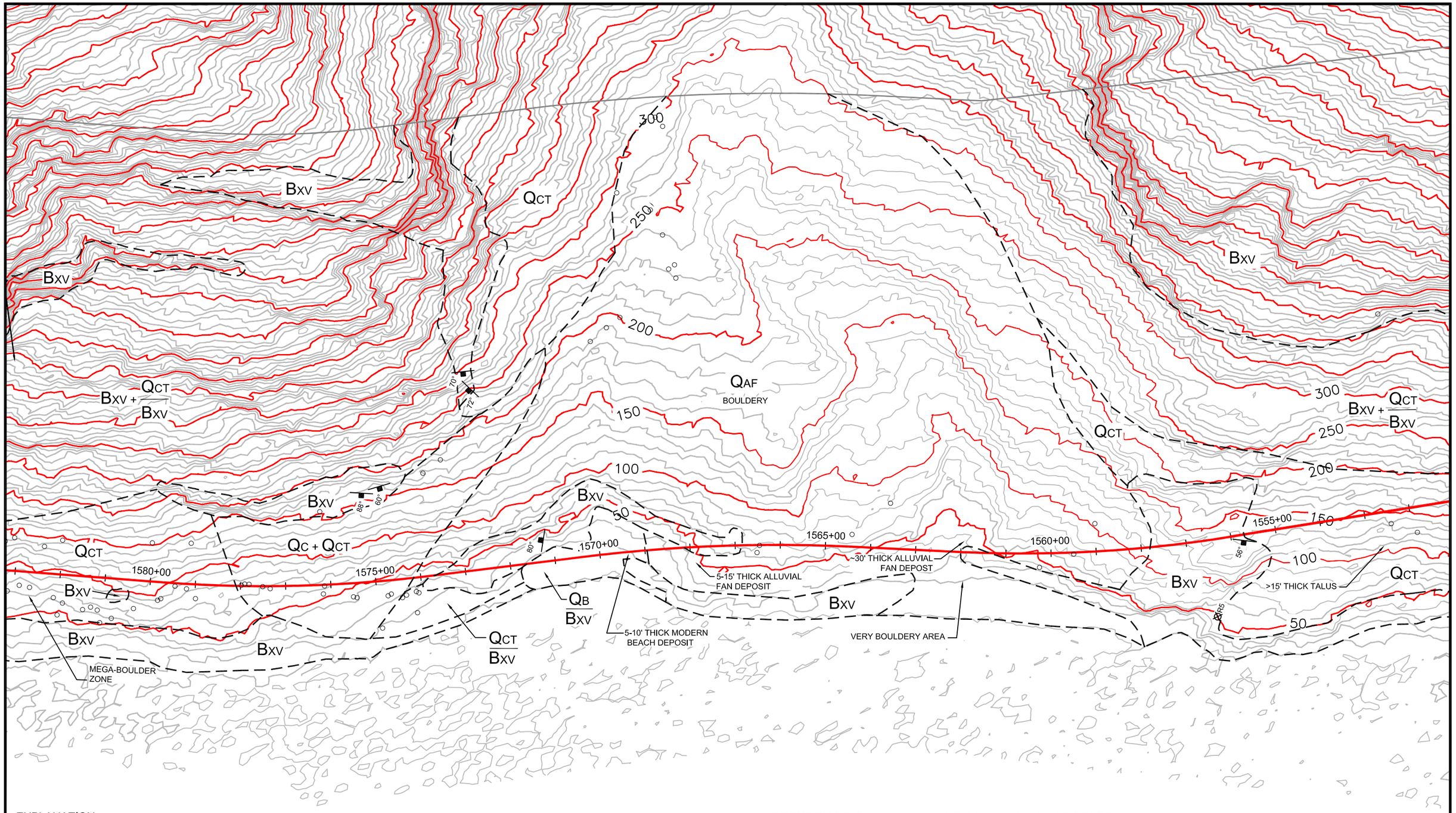
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1520+00 - 1551+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 3



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- ⊠R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

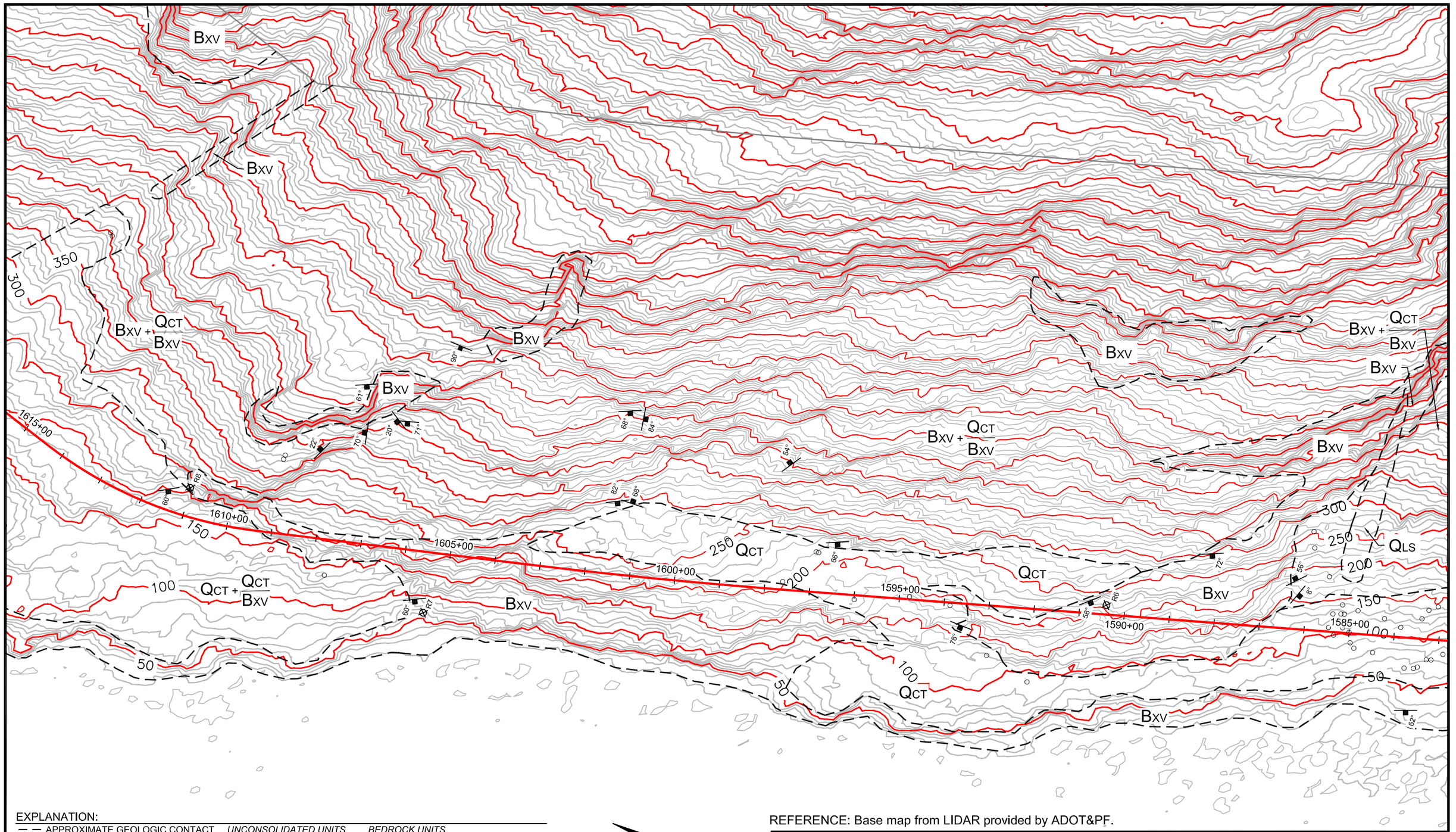
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1551+00 - 1583+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 4



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

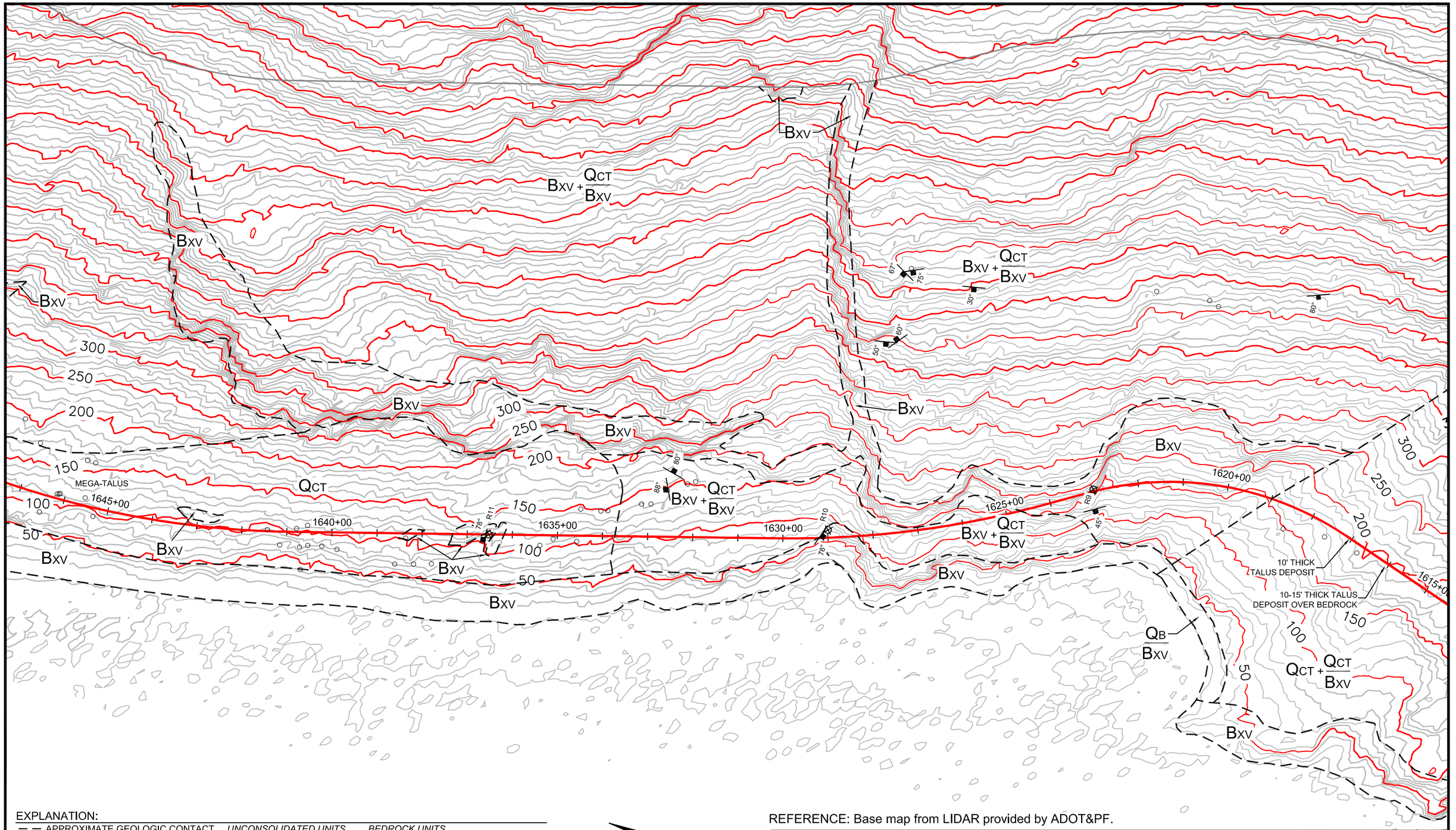
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1583+00 - 1615+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 5



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0
FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782

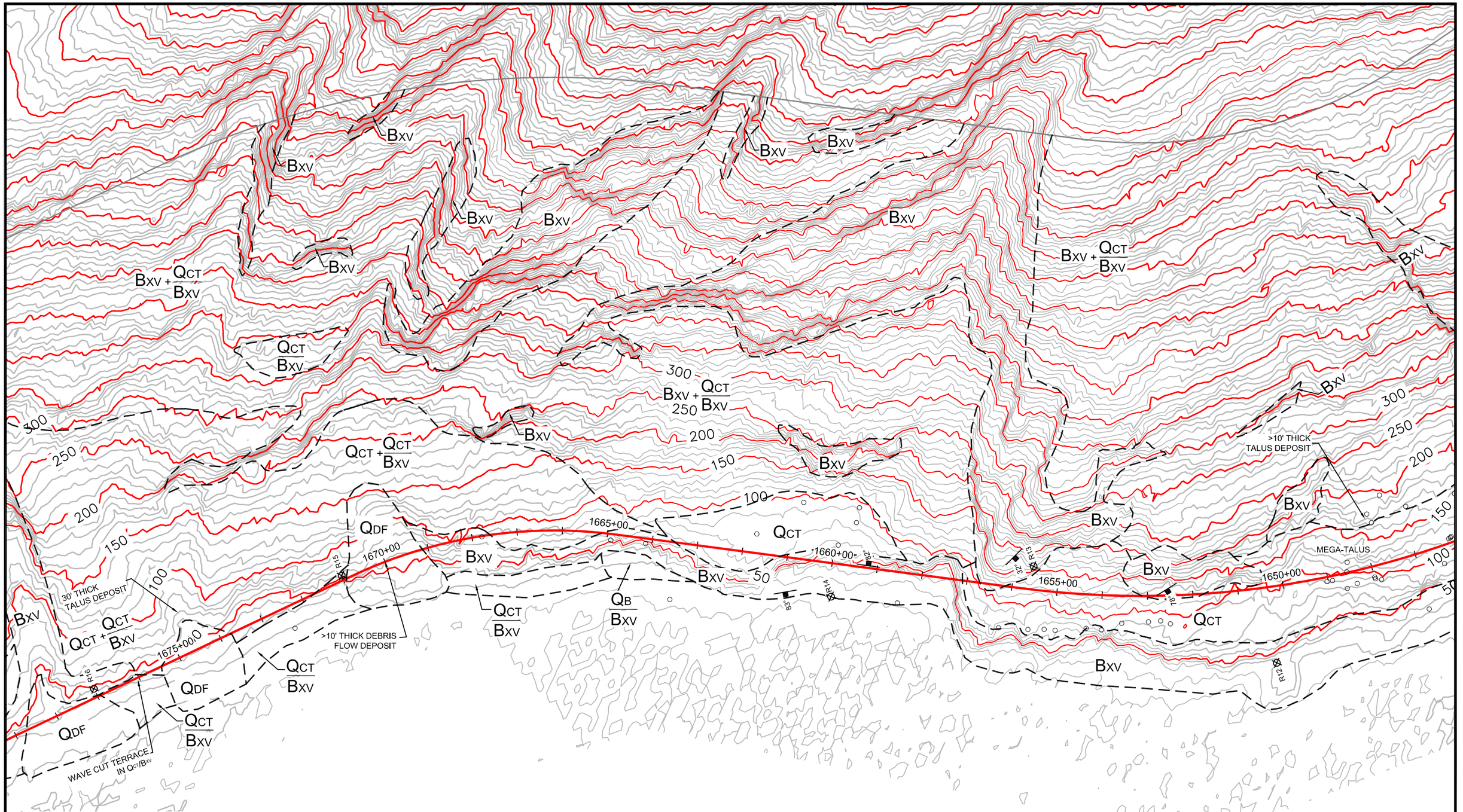
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1615+00 - 1647+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 6



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

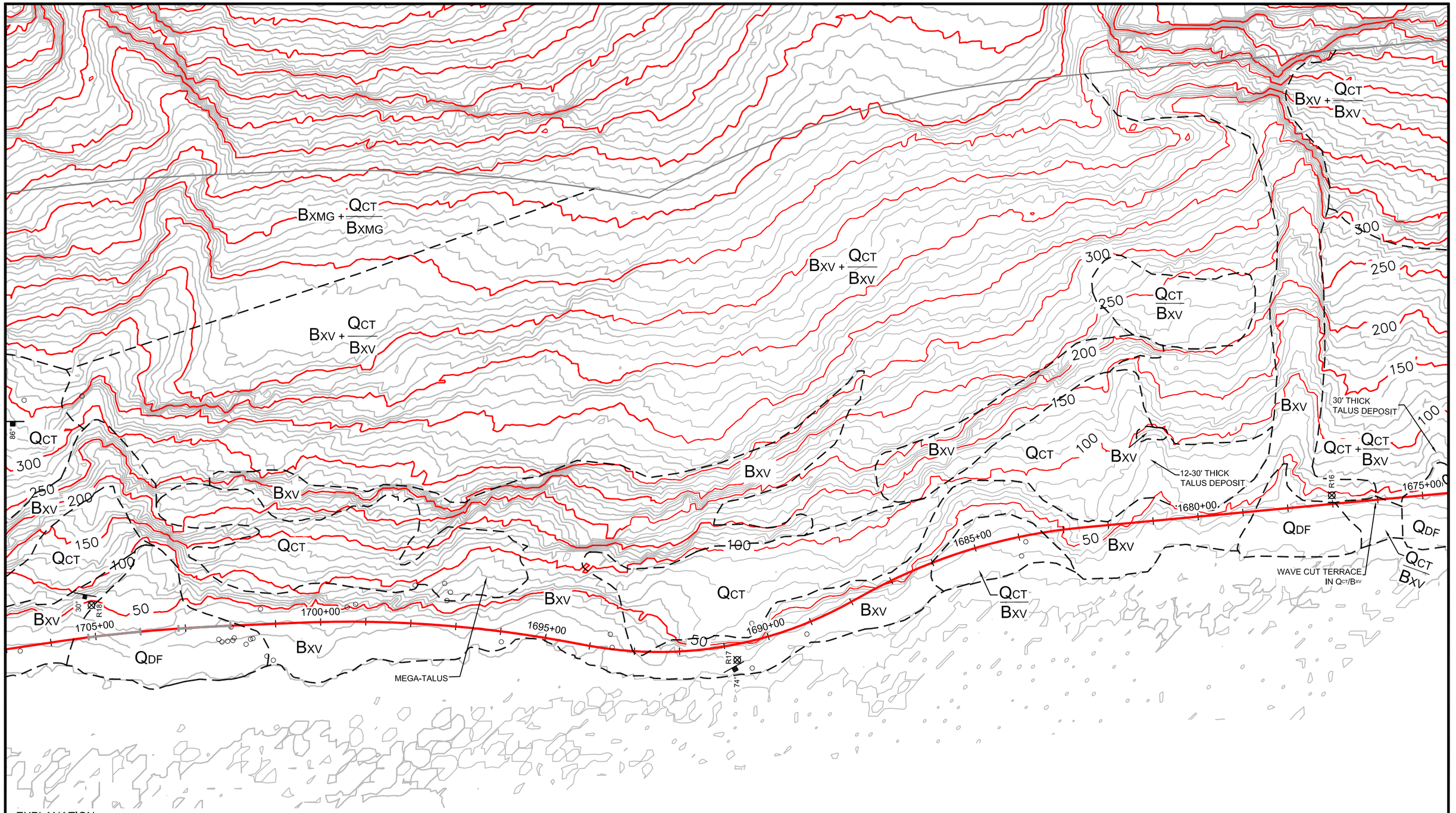
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1647+00 -1679+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 7



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0
FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782

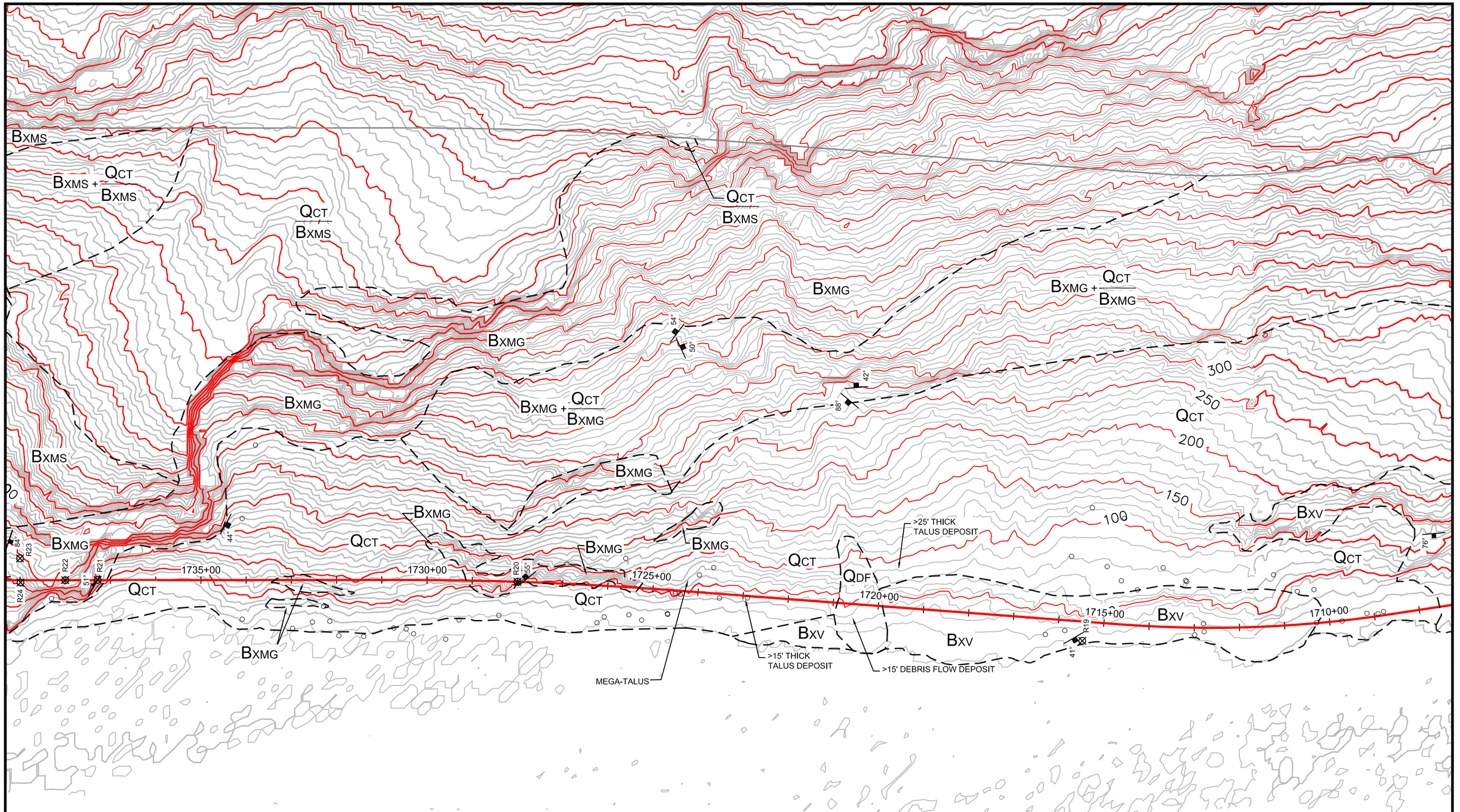
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1675+00 - 1707+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 8



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° / 42° FOLIATION ORIENTATION AND DIP / JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

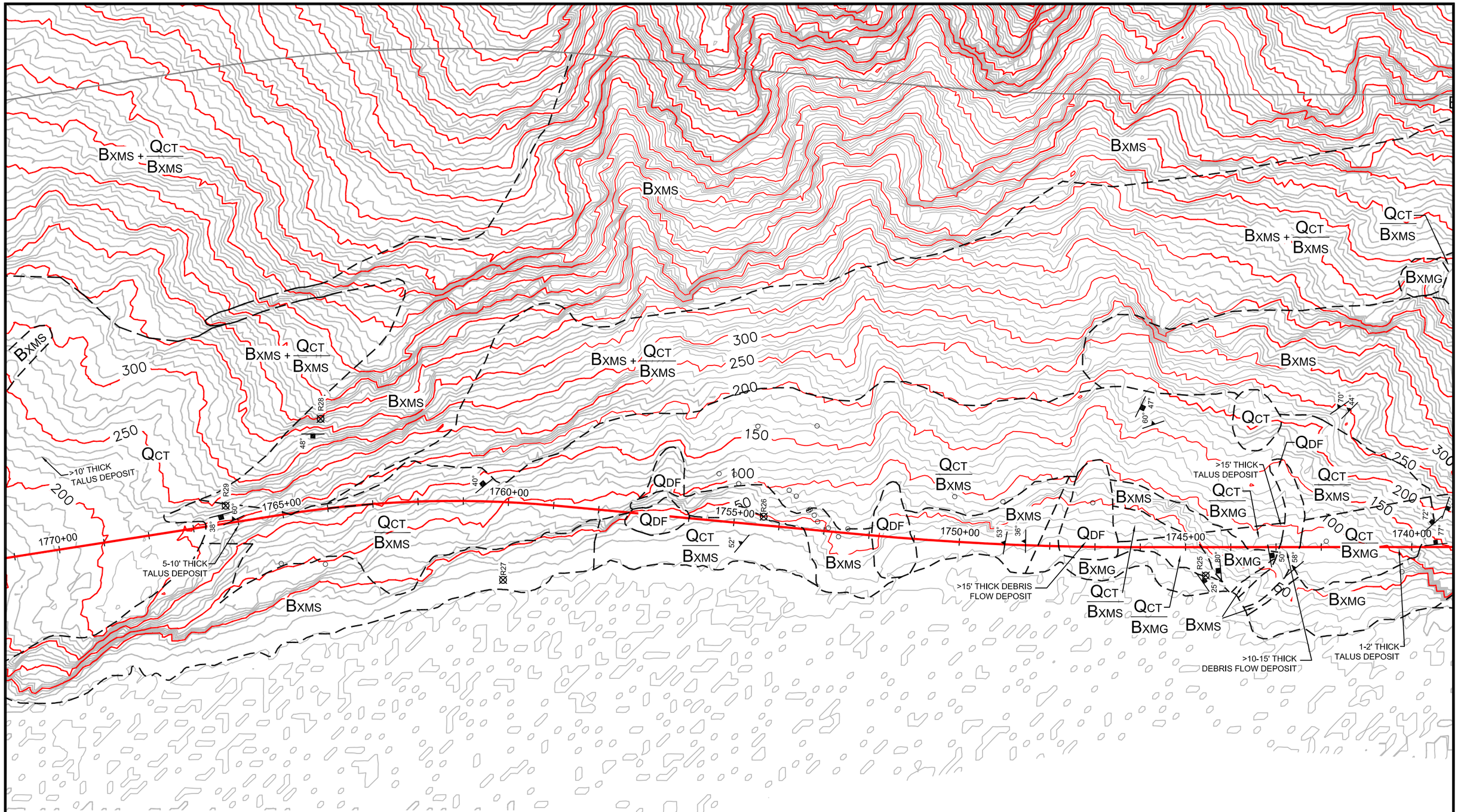
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1708+00 - 1739+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 9



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° / 42° FOLIATION ORIENTATION AND DIP / JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

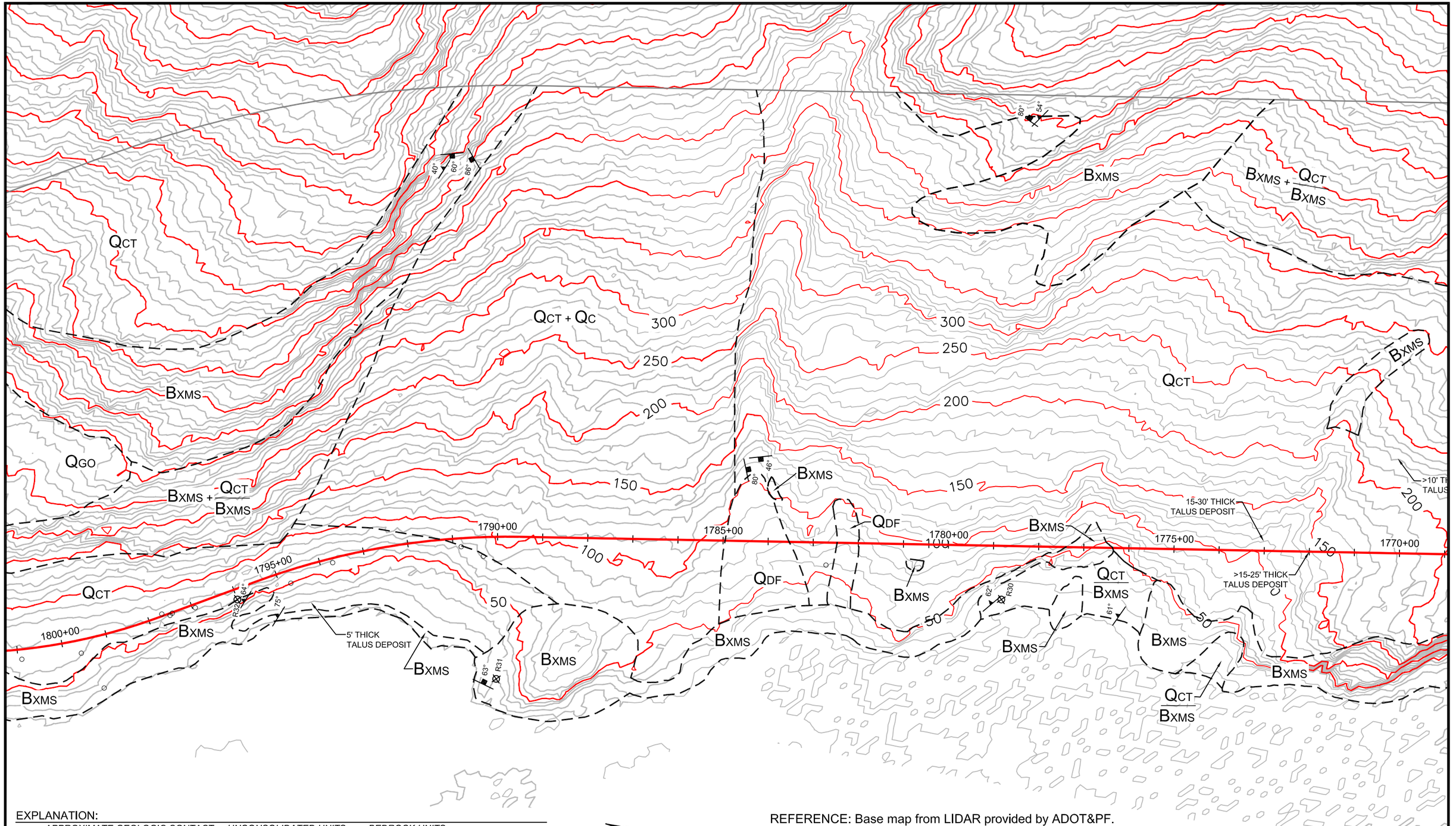
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1739+00 - 1771+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 10



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC
- BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

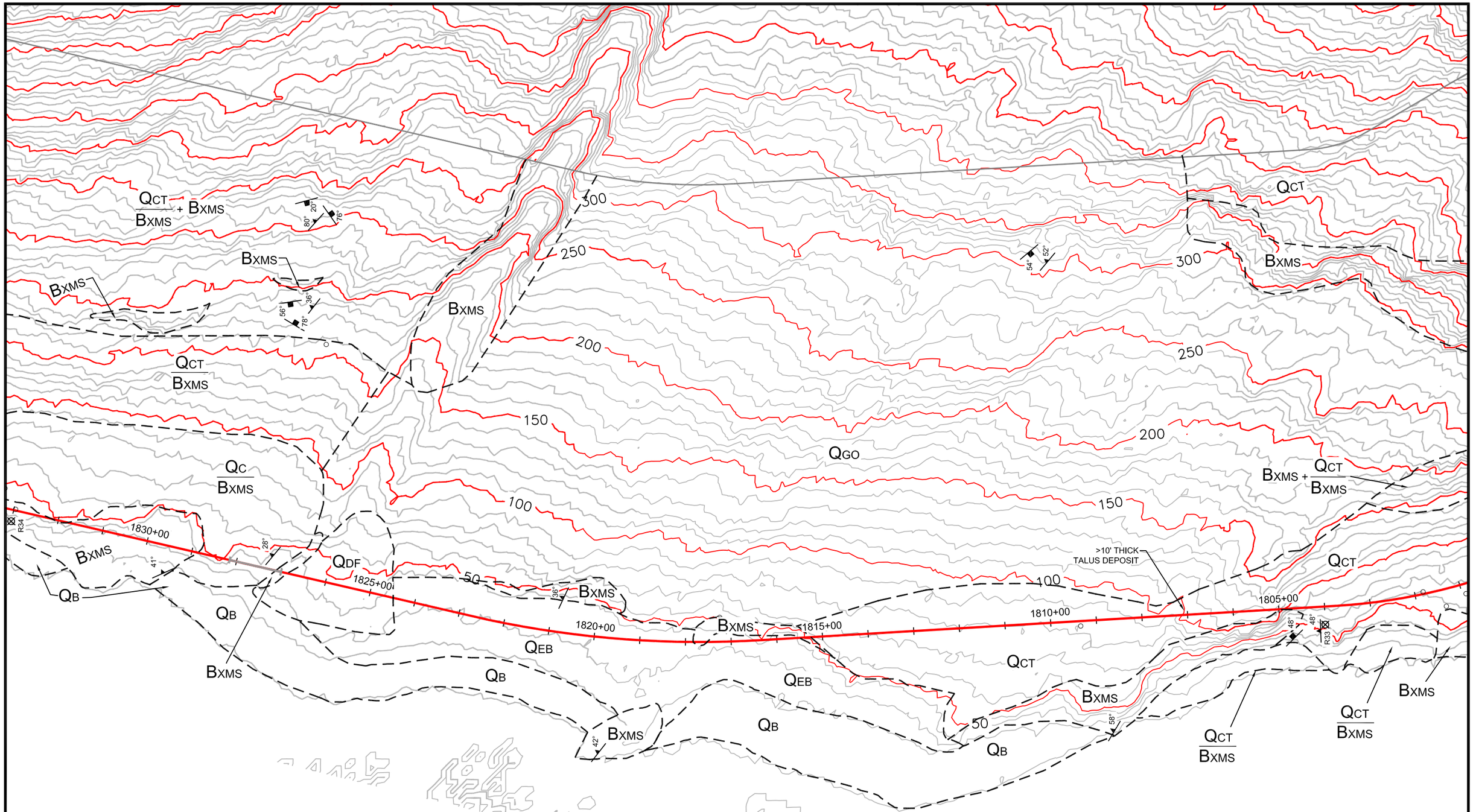
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1769+00 - 1801+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 11



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

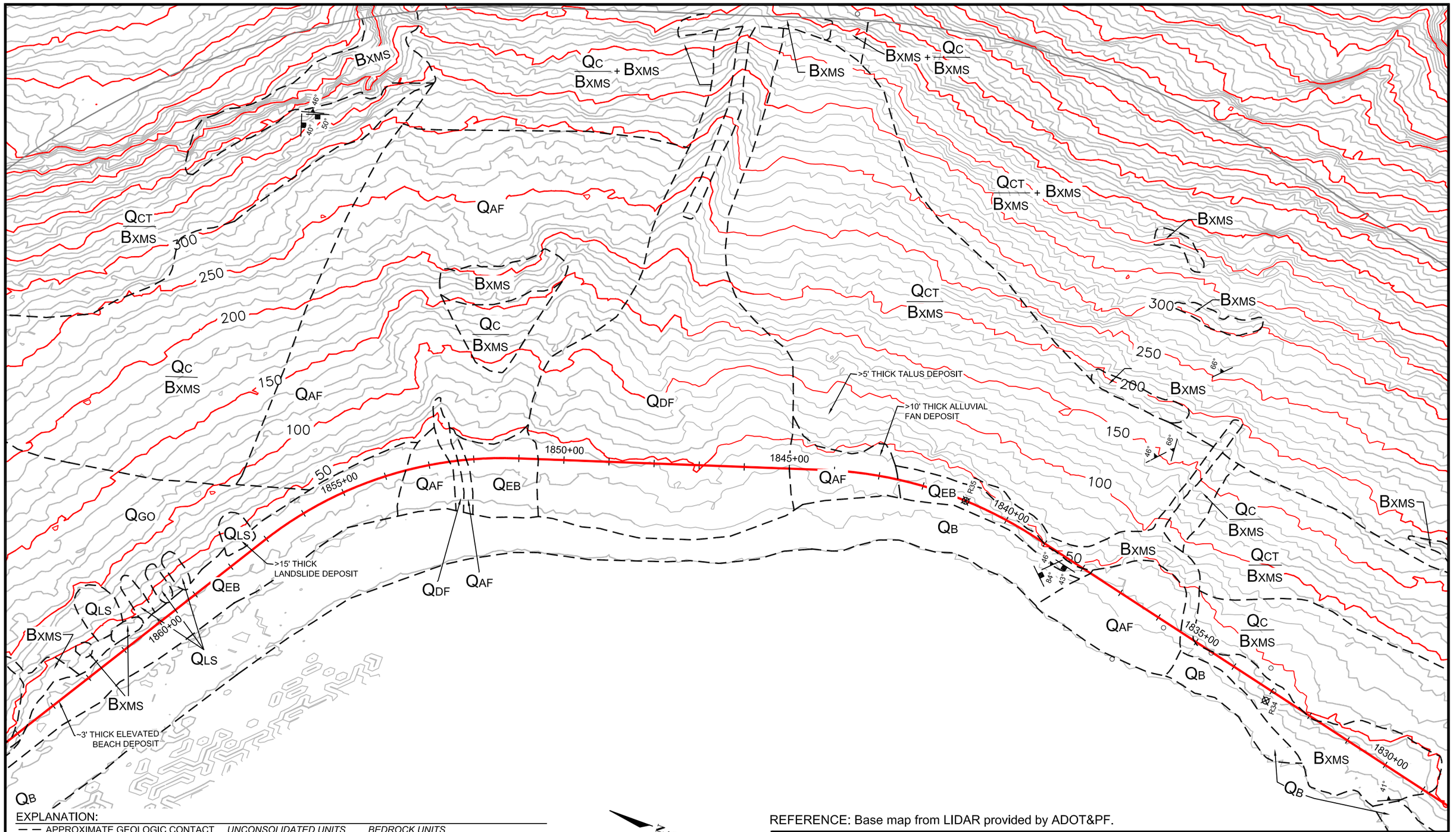
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1801+00 - 1833+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 12



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval

50 ft Index contours

True North shown

23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

TITLE

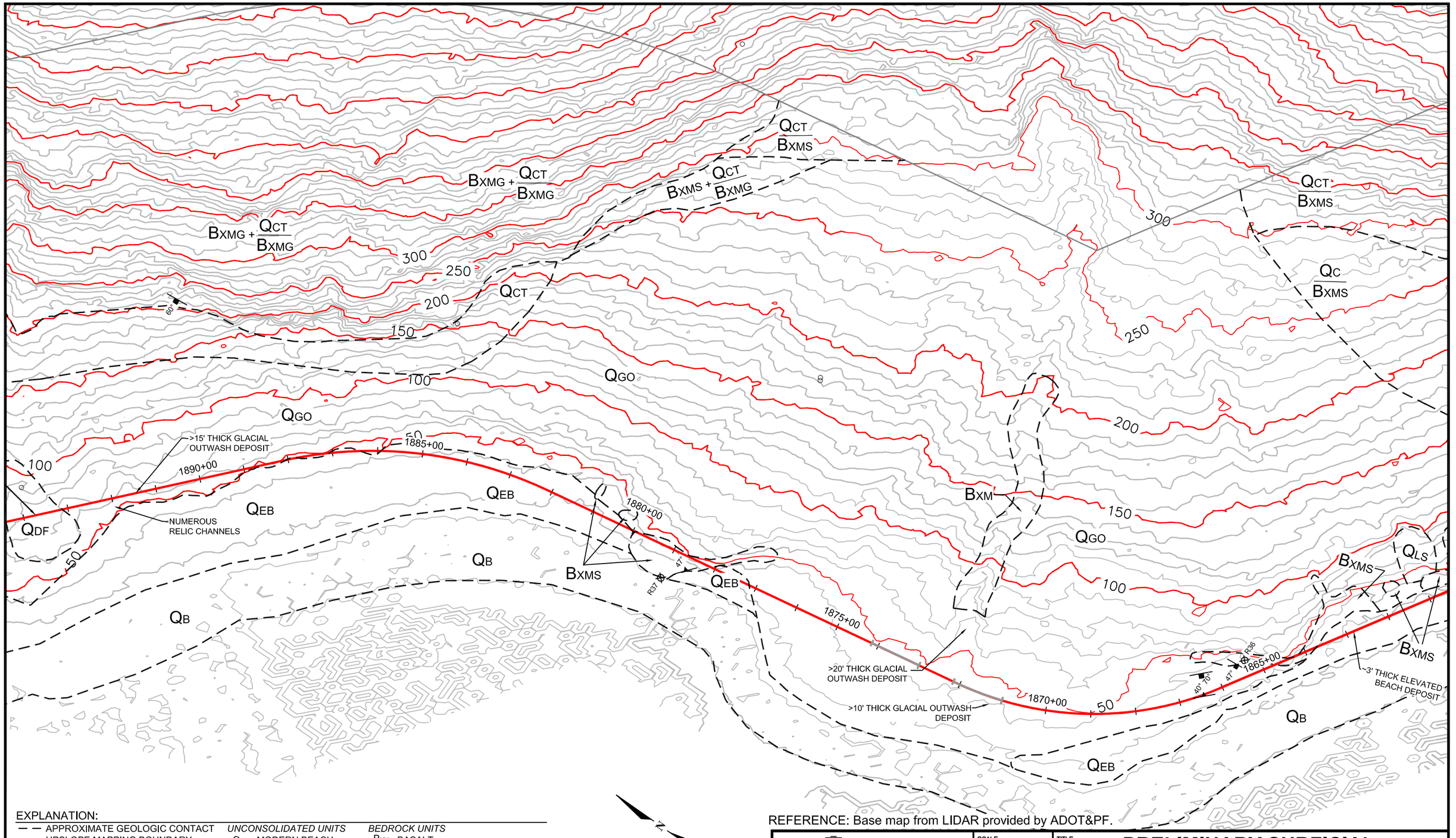
PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1829+00 - 1864+00

LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 13



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

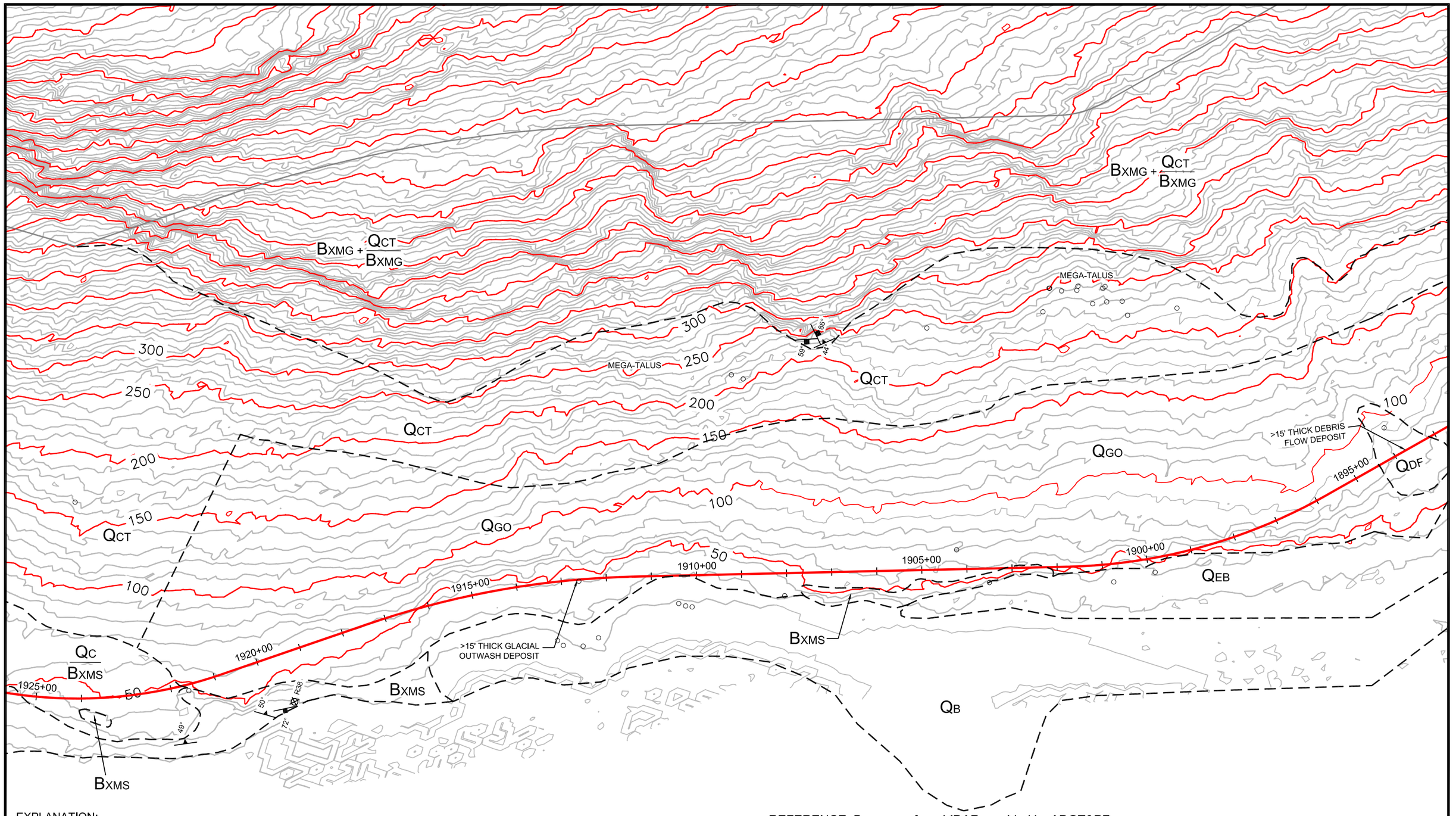
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1861+00 - 1894+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 14



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

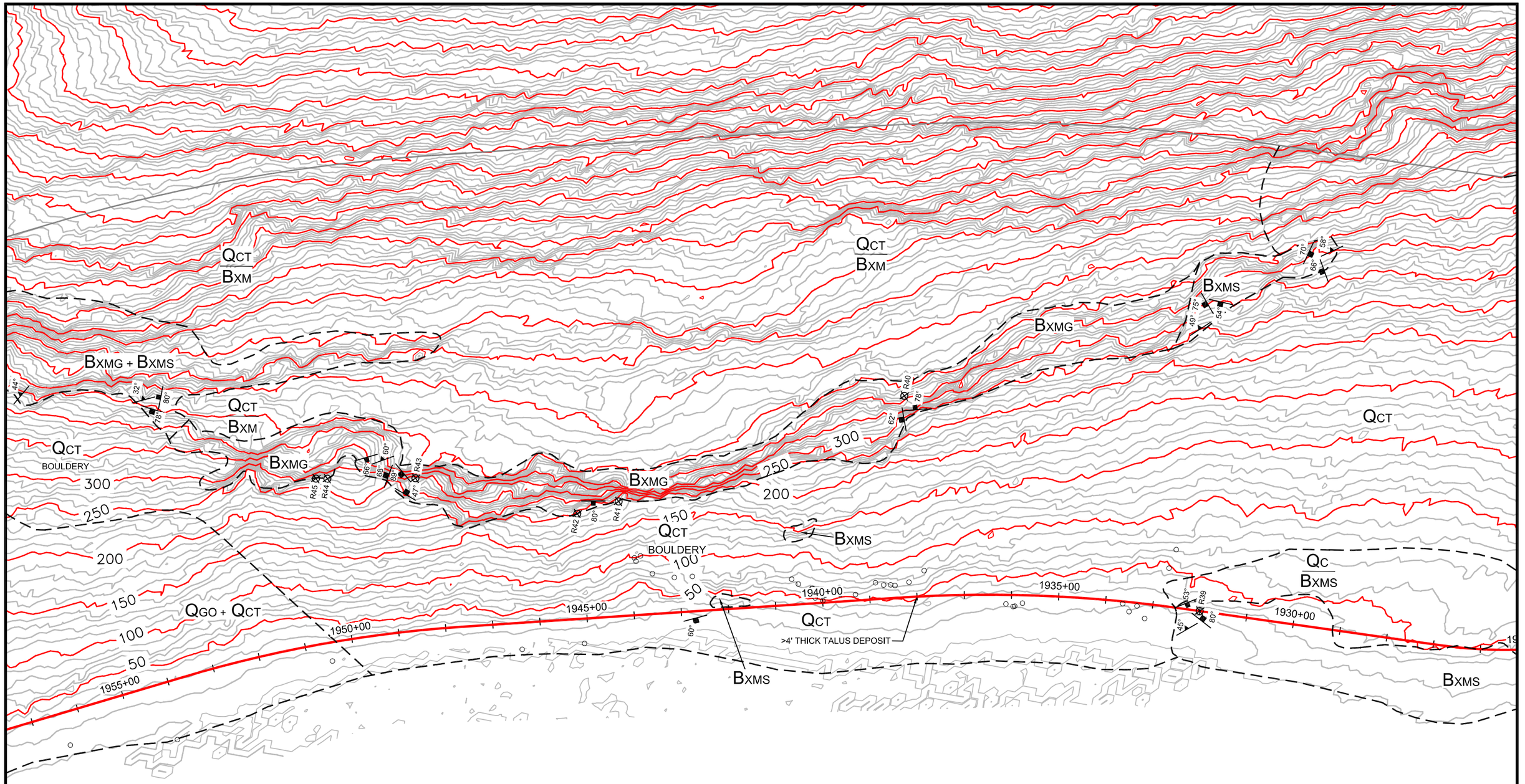
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1893+00 - 1925+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 15



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

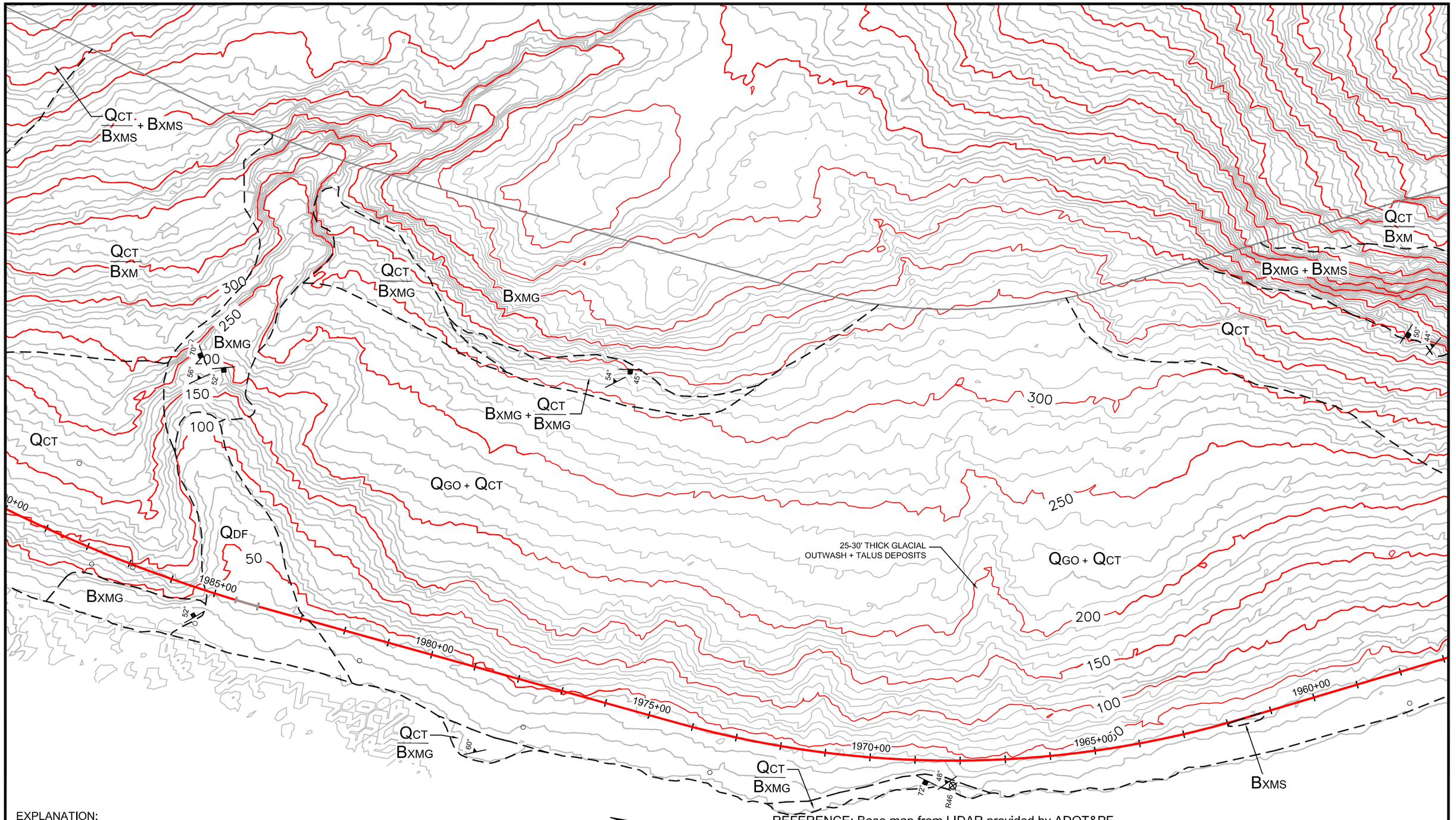
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1925+00 - 1957+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 16



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC
- BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

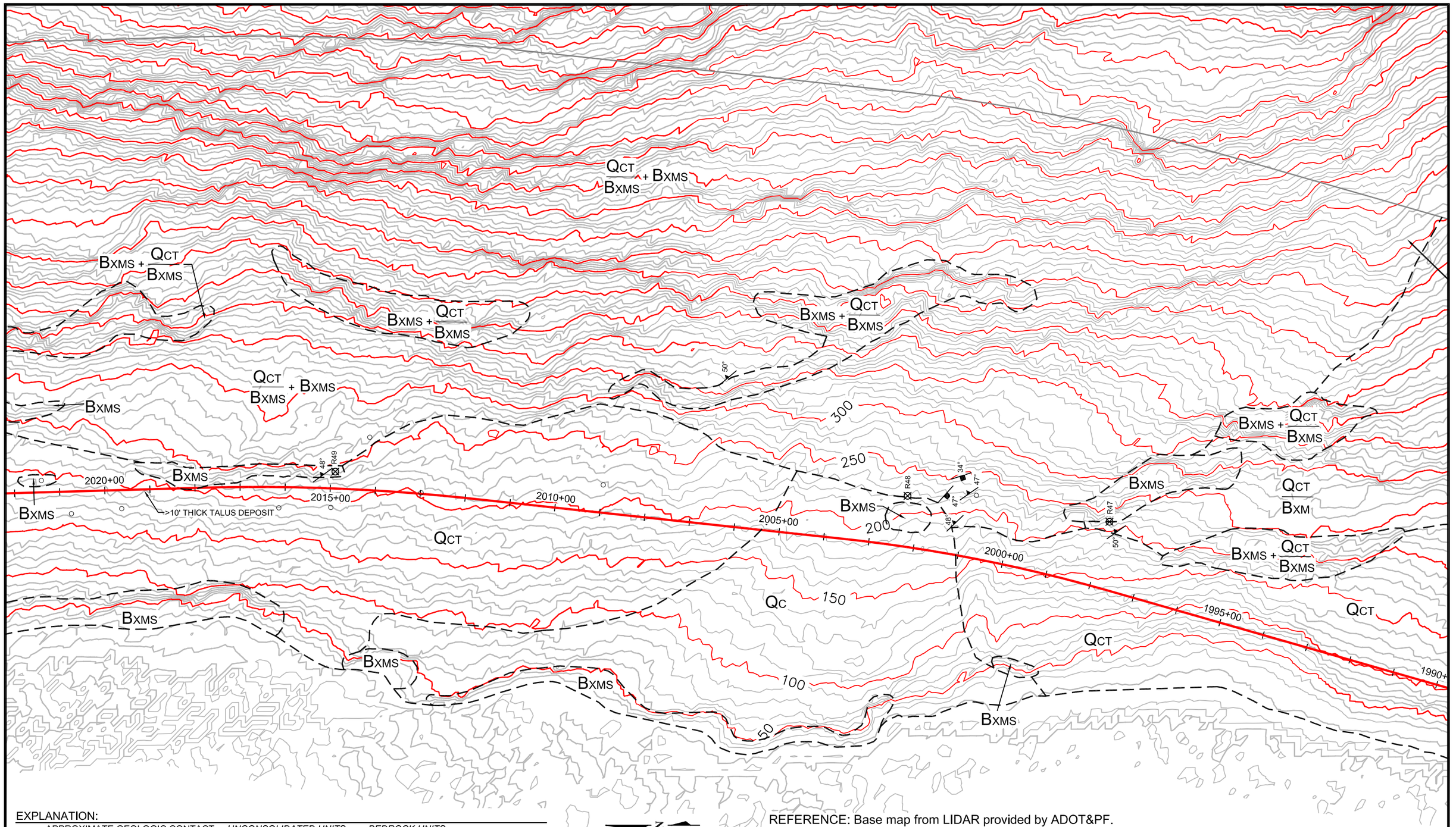
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1957+00 -1990+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 17



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- ⊠R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

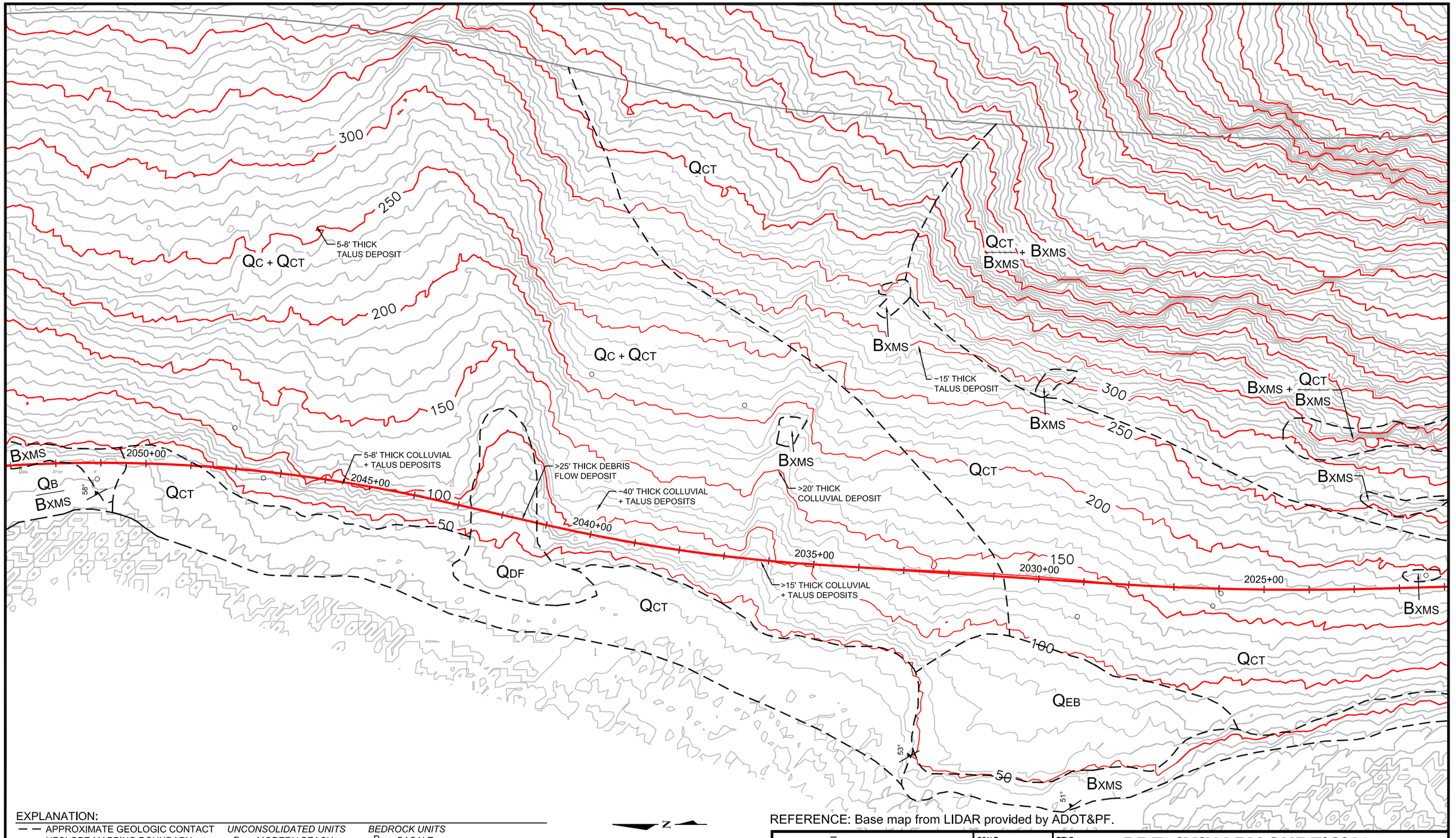
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 1990+00 - 2022+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 18



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

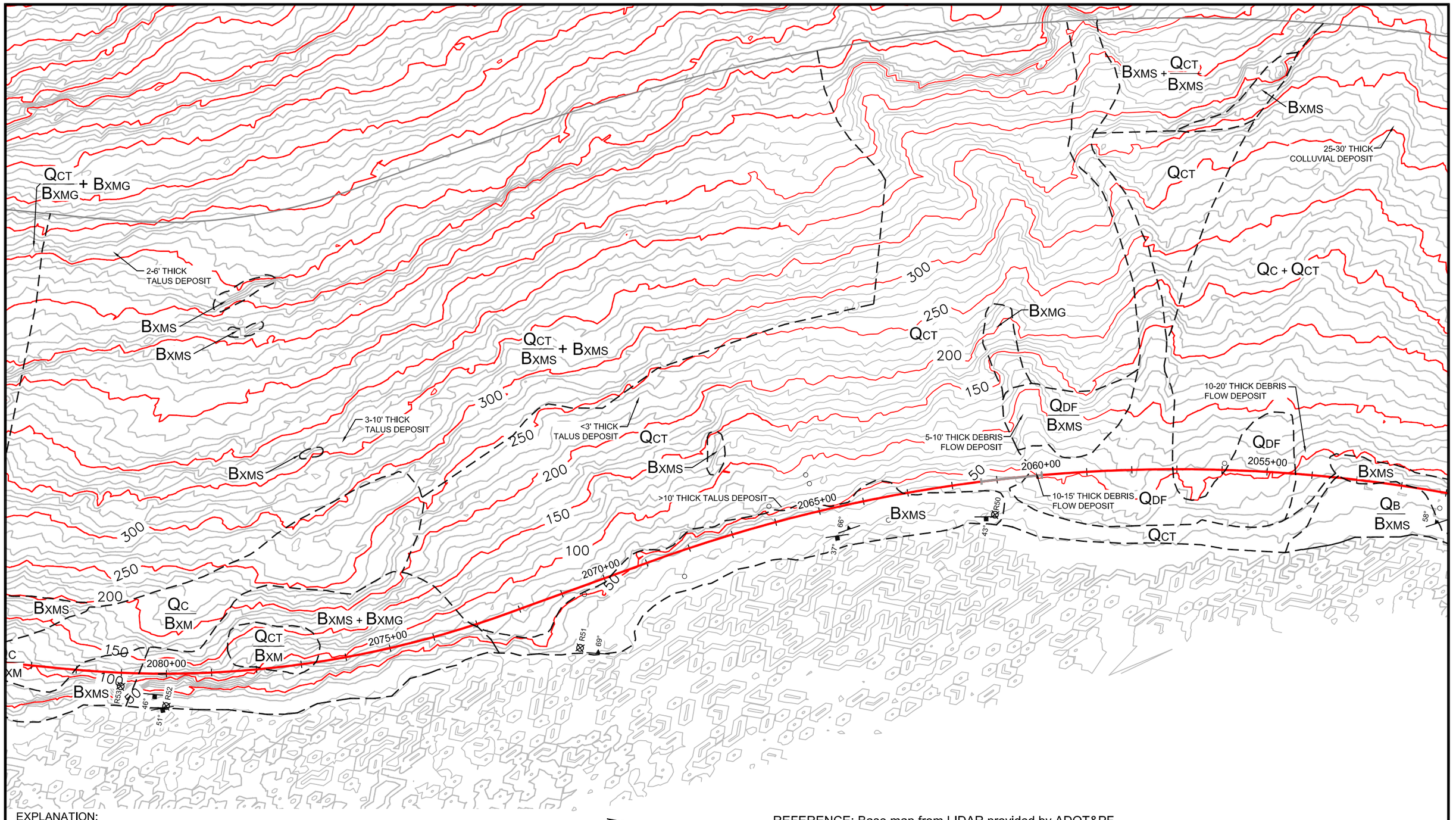
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2021+00 - 2053+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 19



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC
- BXV + QCT / BXV — UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT; UNIT LISTED FIRST IS PREDOMINANT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

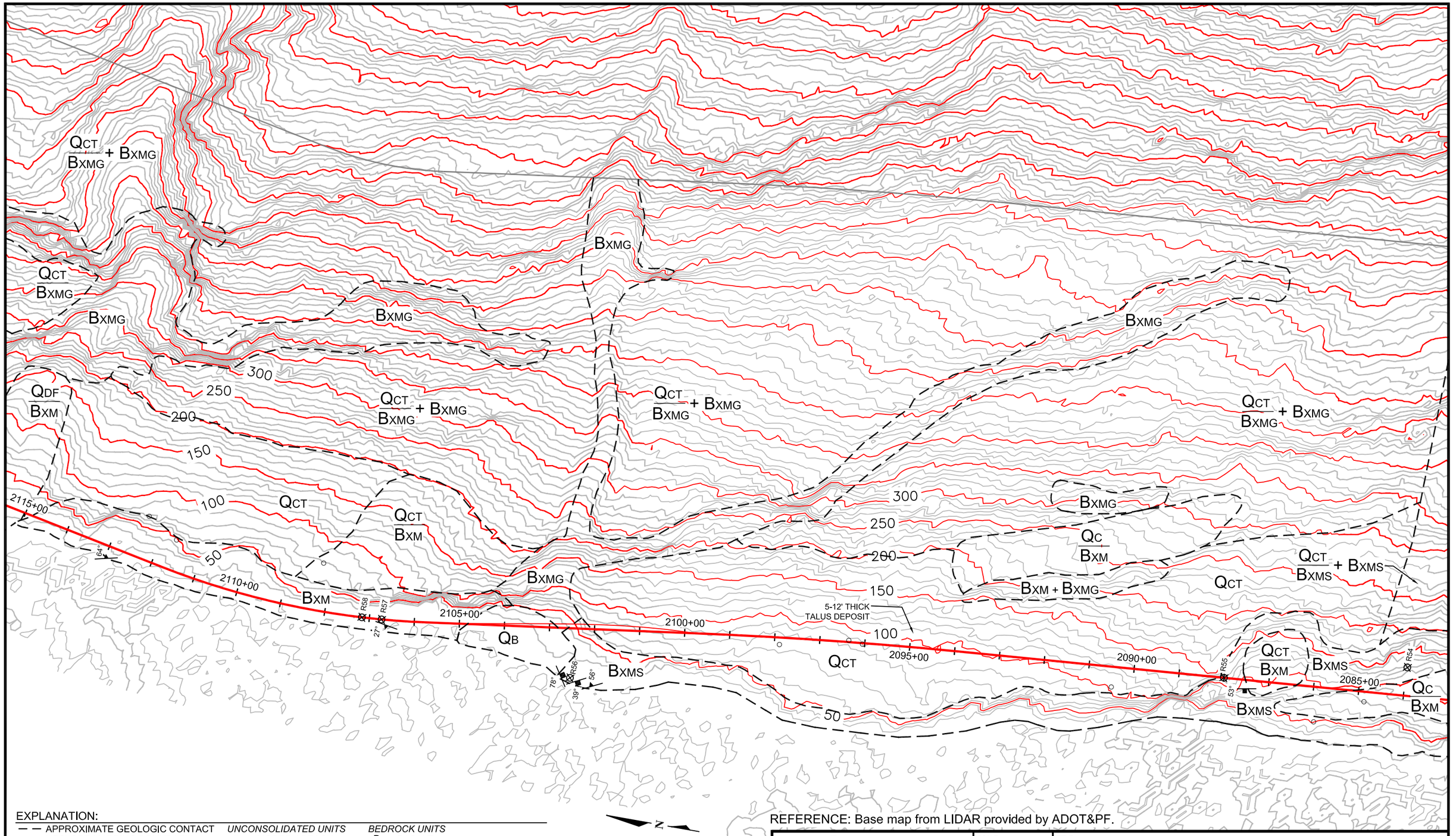
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2051+00 - 2083+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 20



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° / 42° FOLIATION ORIENTATION AND DIP / JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

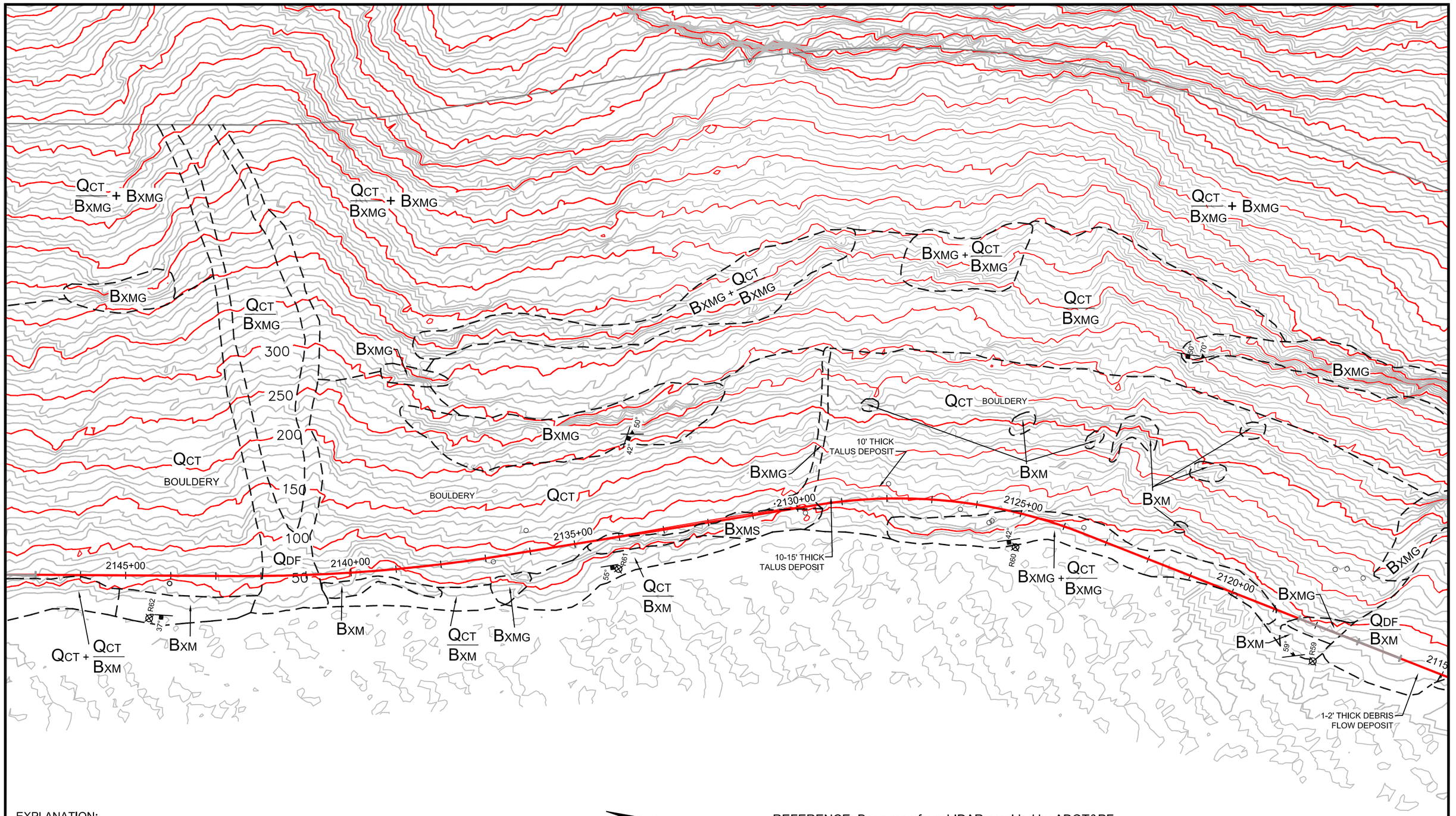
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2083+00 - 2115+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 21



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

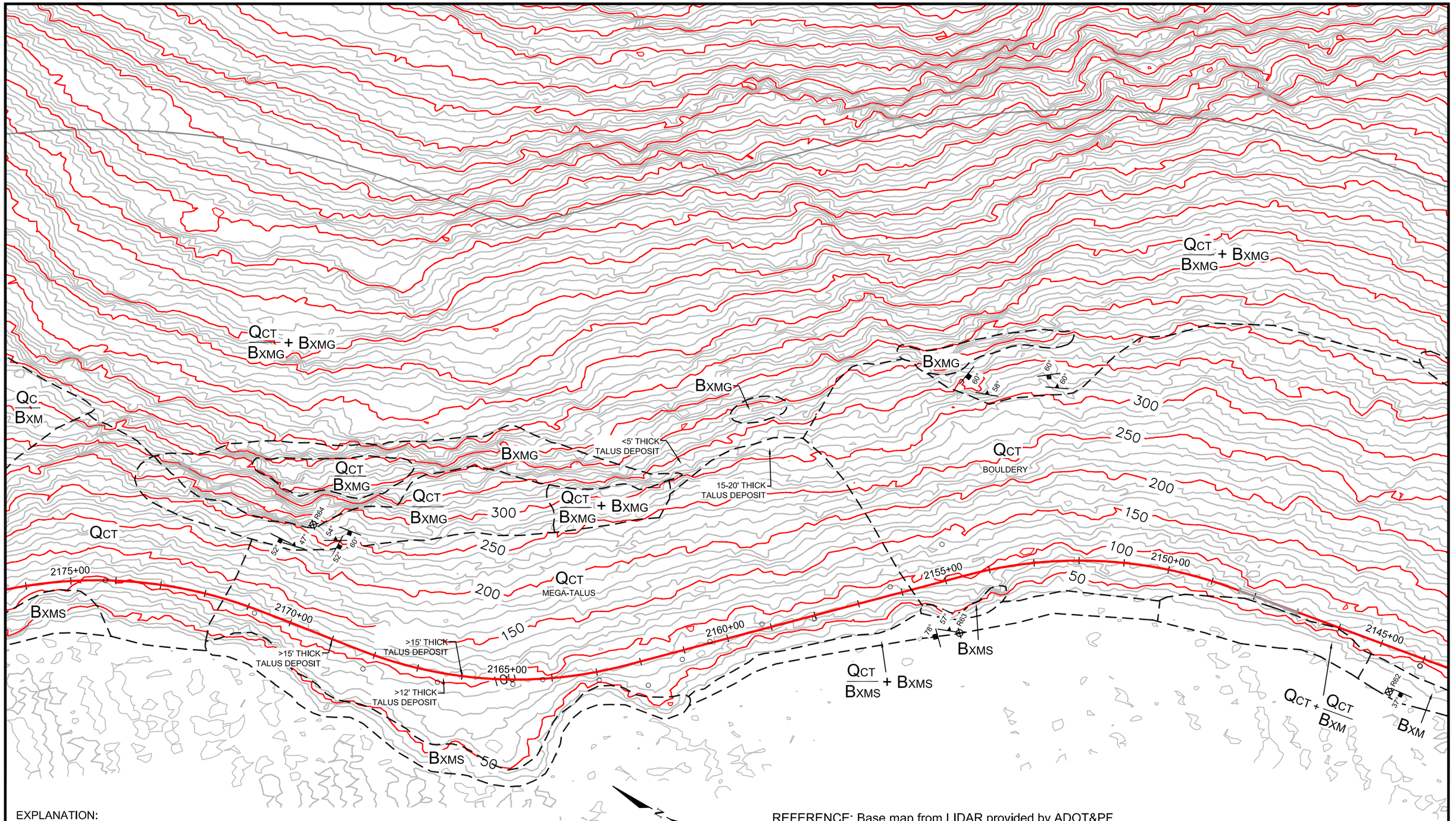
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2115+00 - 2147+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 22



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

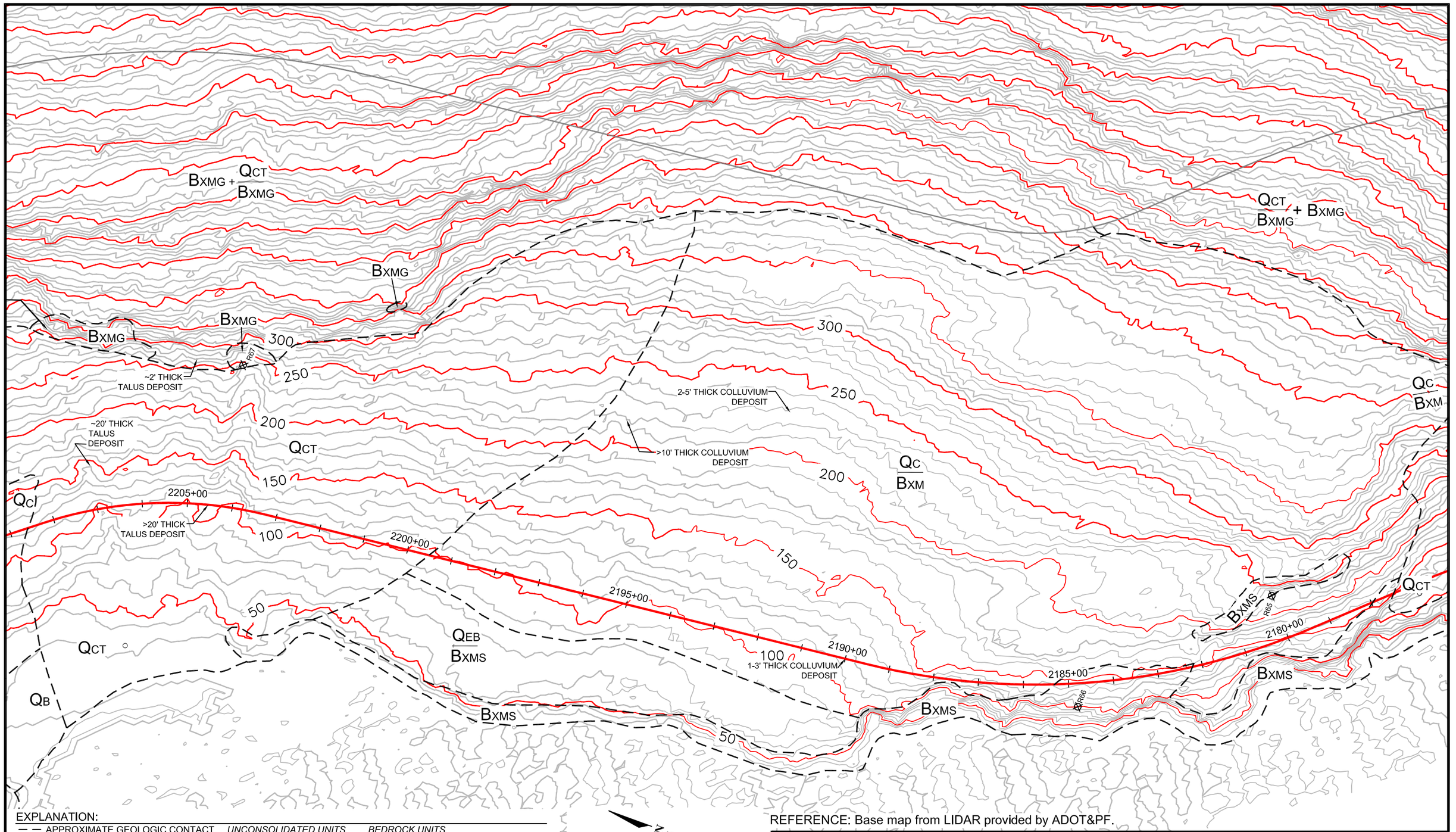
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2144+00 - 2176+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 23



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + Q_{CT} / B_{XV}$ — UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT; UNIT LISTED FIRST IS PREDOMINANT

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

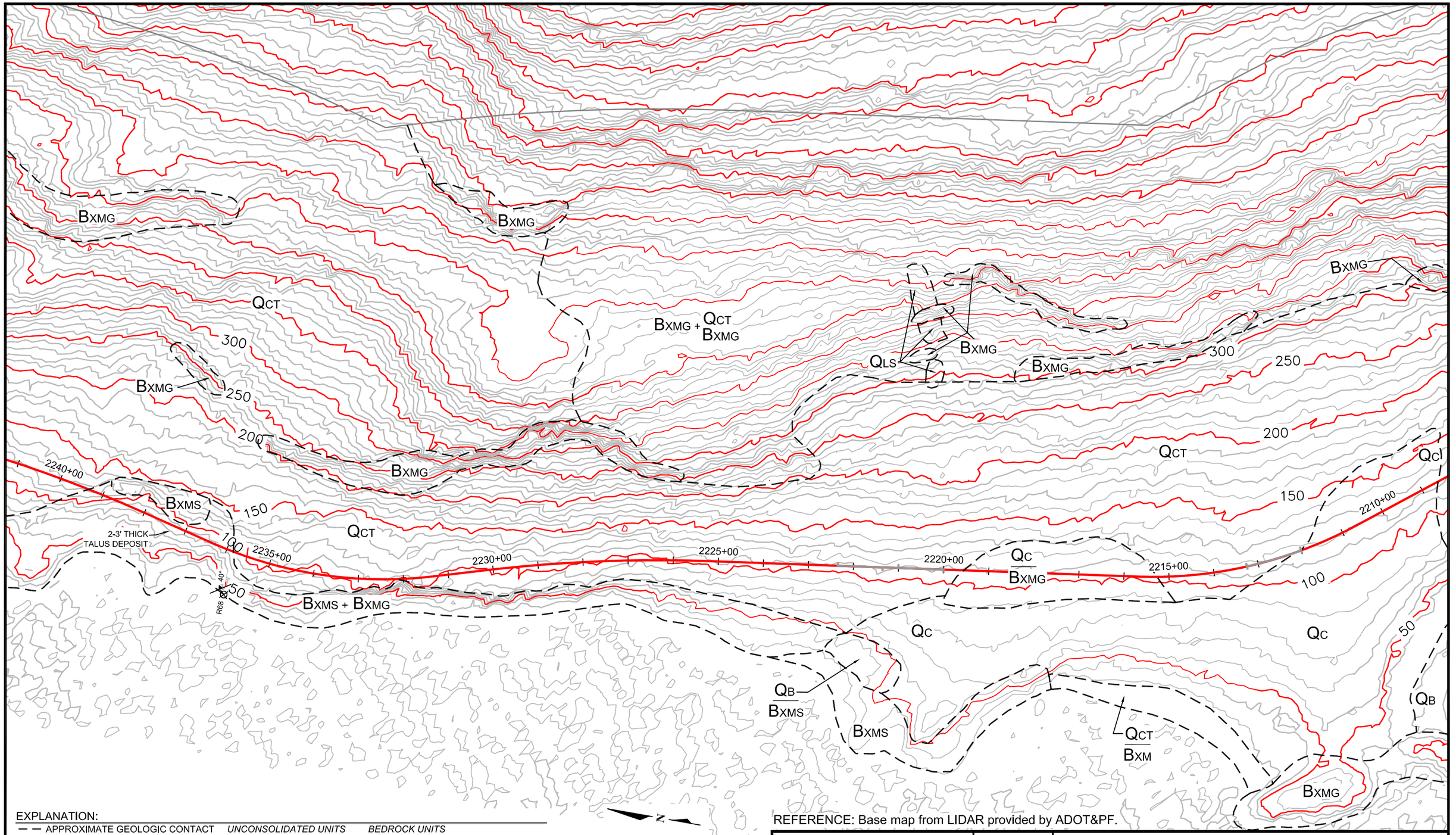
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2176+00 - 2209+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 24



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

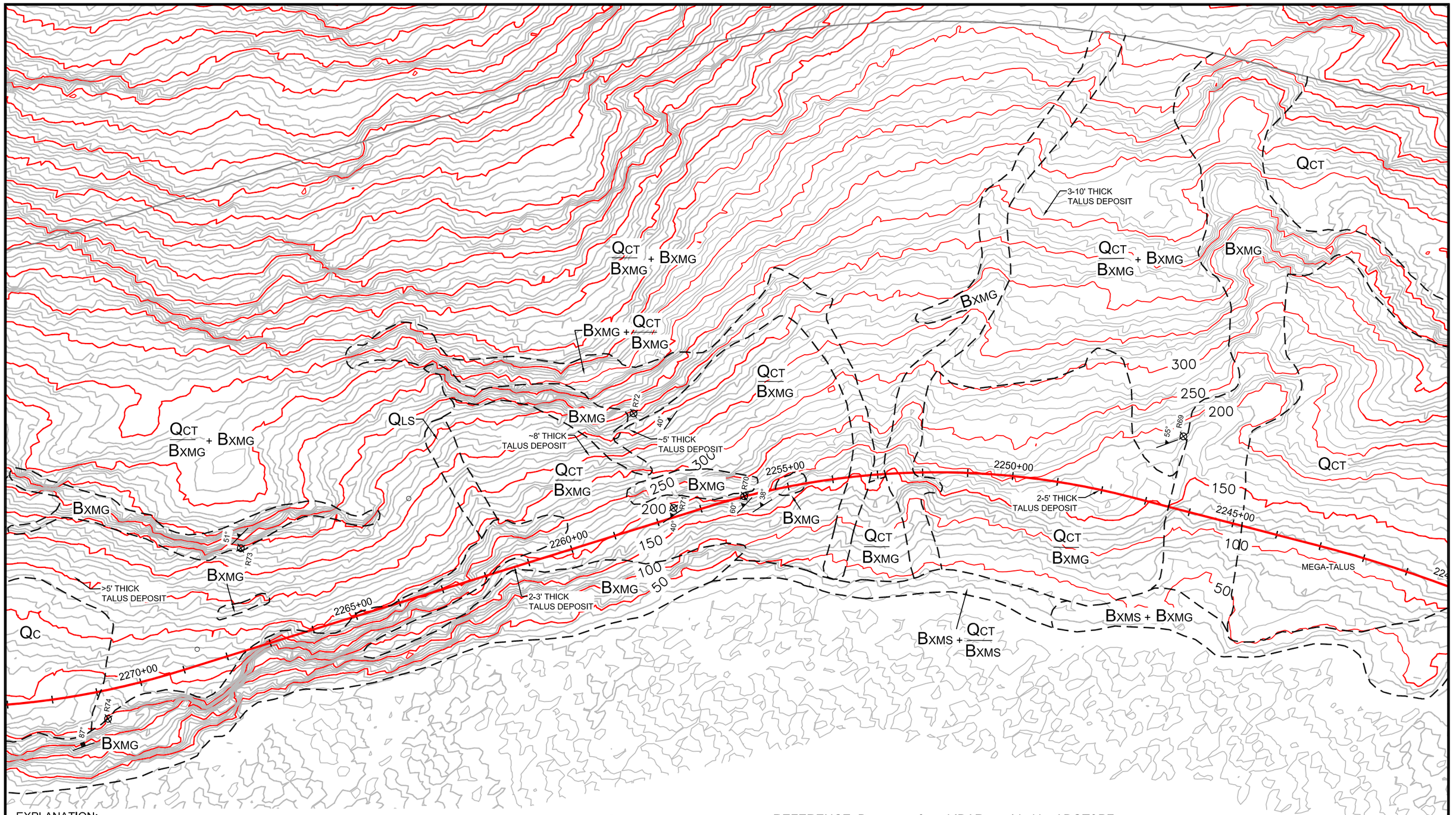
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2209+00 - 2241+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 25



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

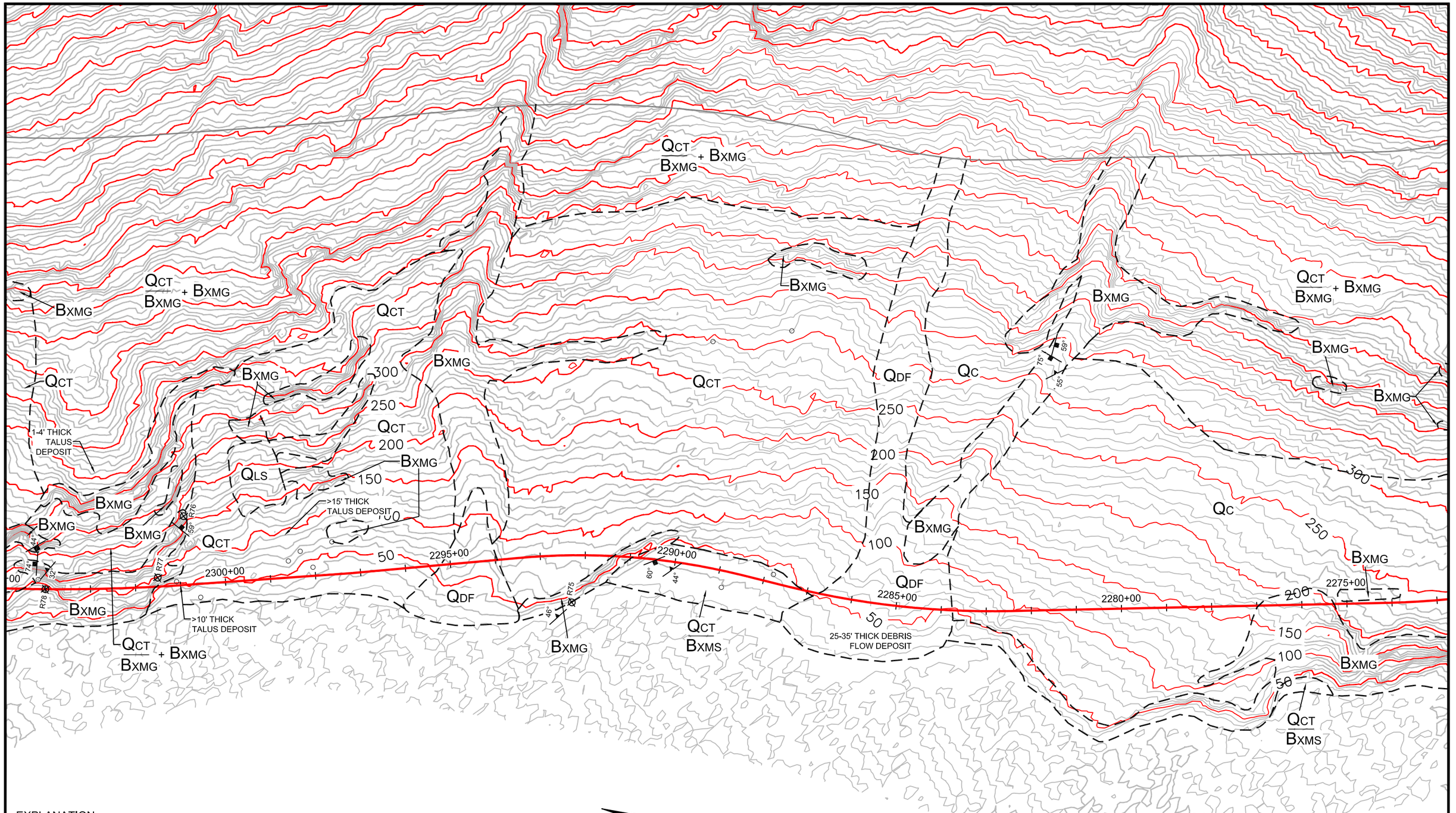
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2241+00 - 2273+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 26



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° / 42° FOLIATION ORIENTATION AND DIP / JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

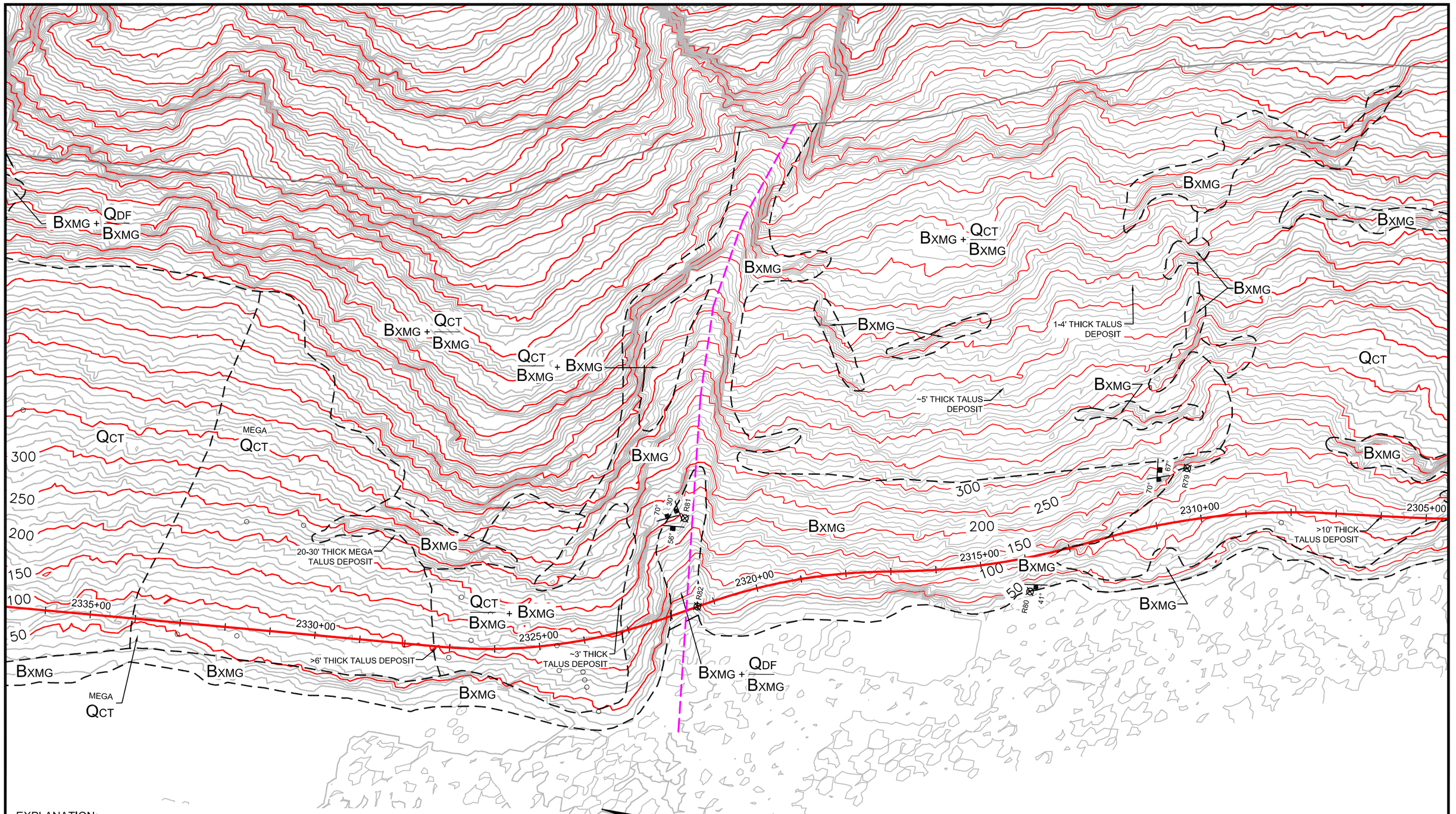
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2273+00 - 2304+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 27



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

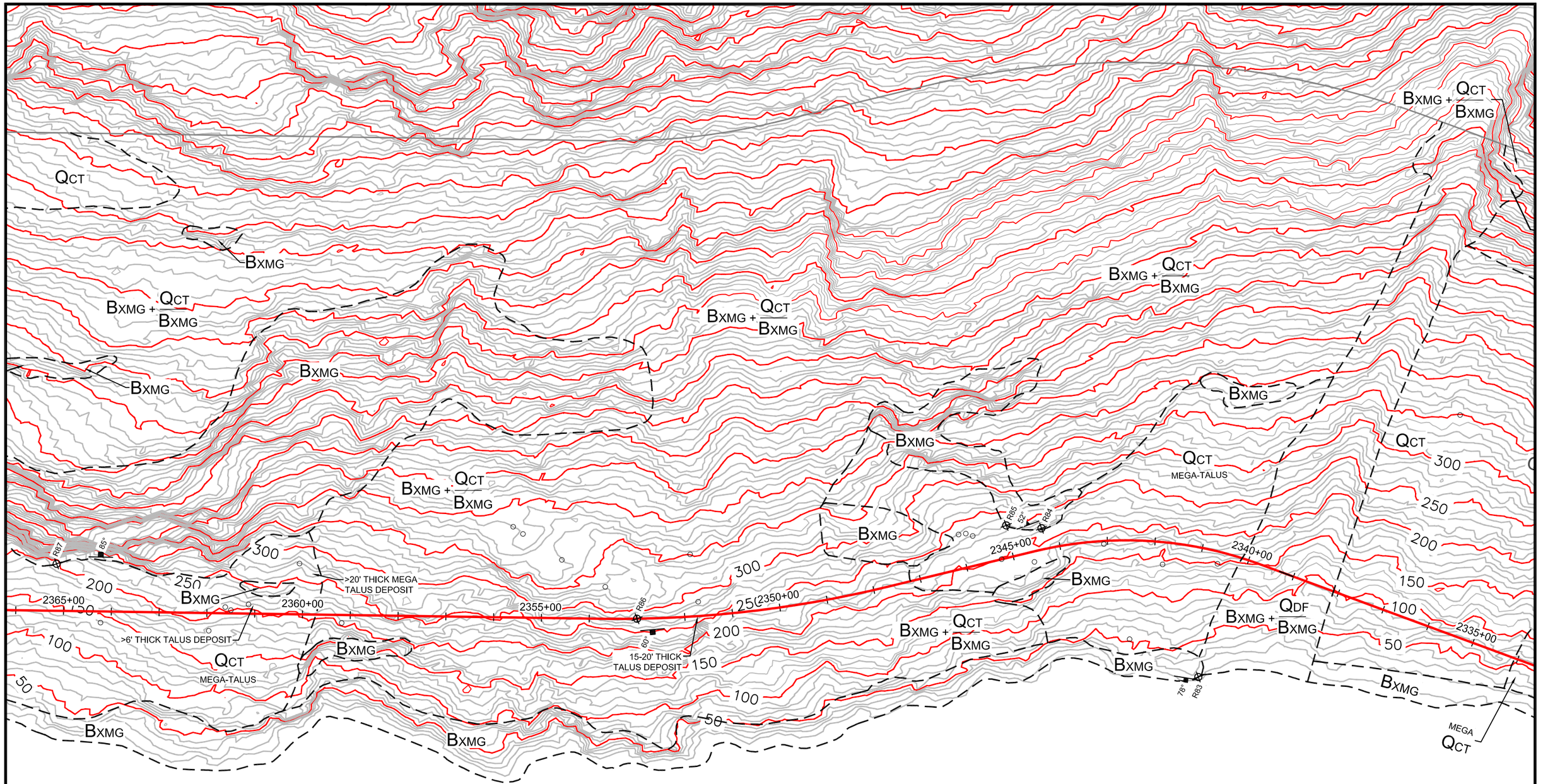
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2305+00 - 2336+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 28



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

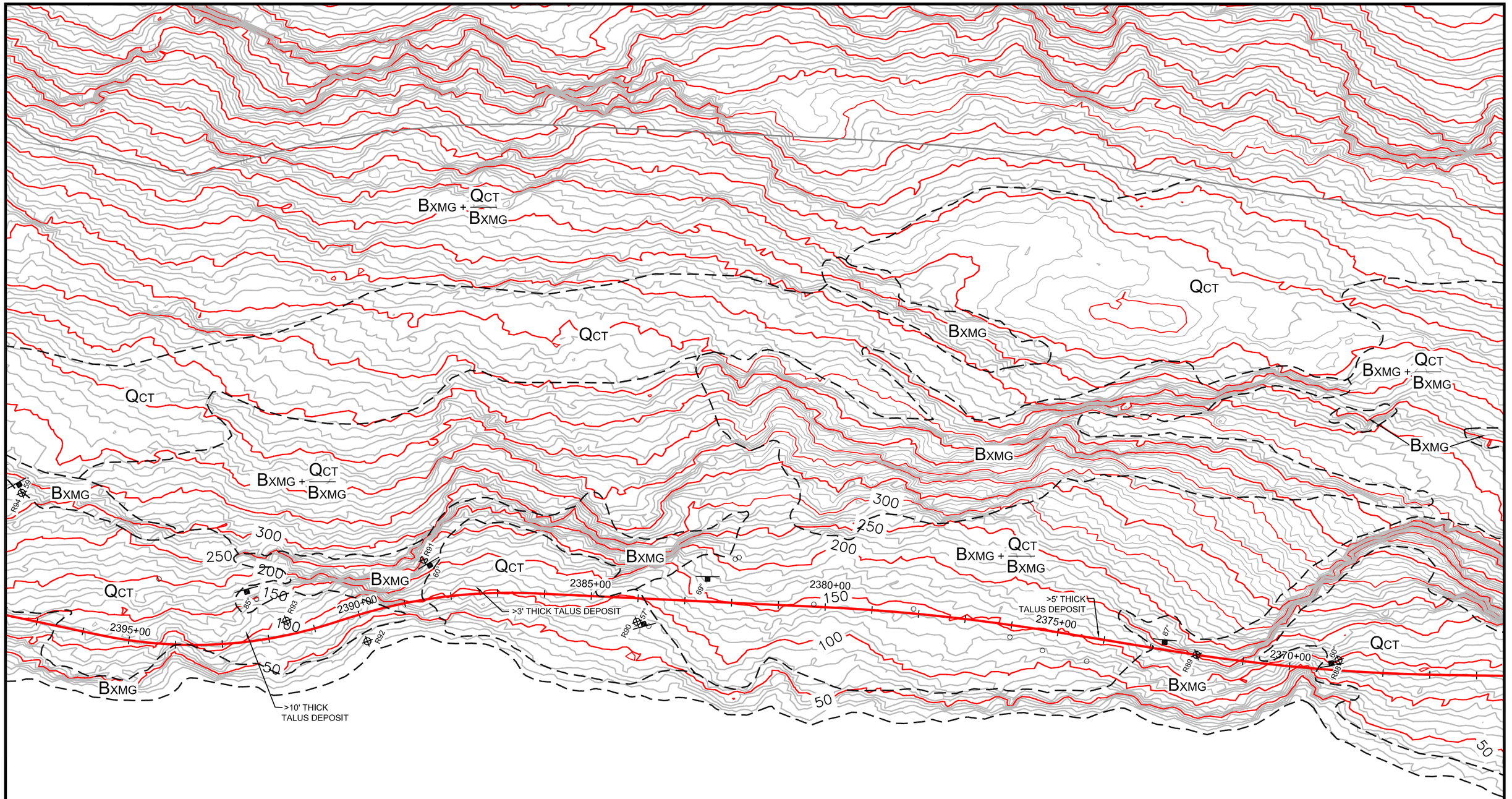
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2334+00 - 2366+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 29



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOUNDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

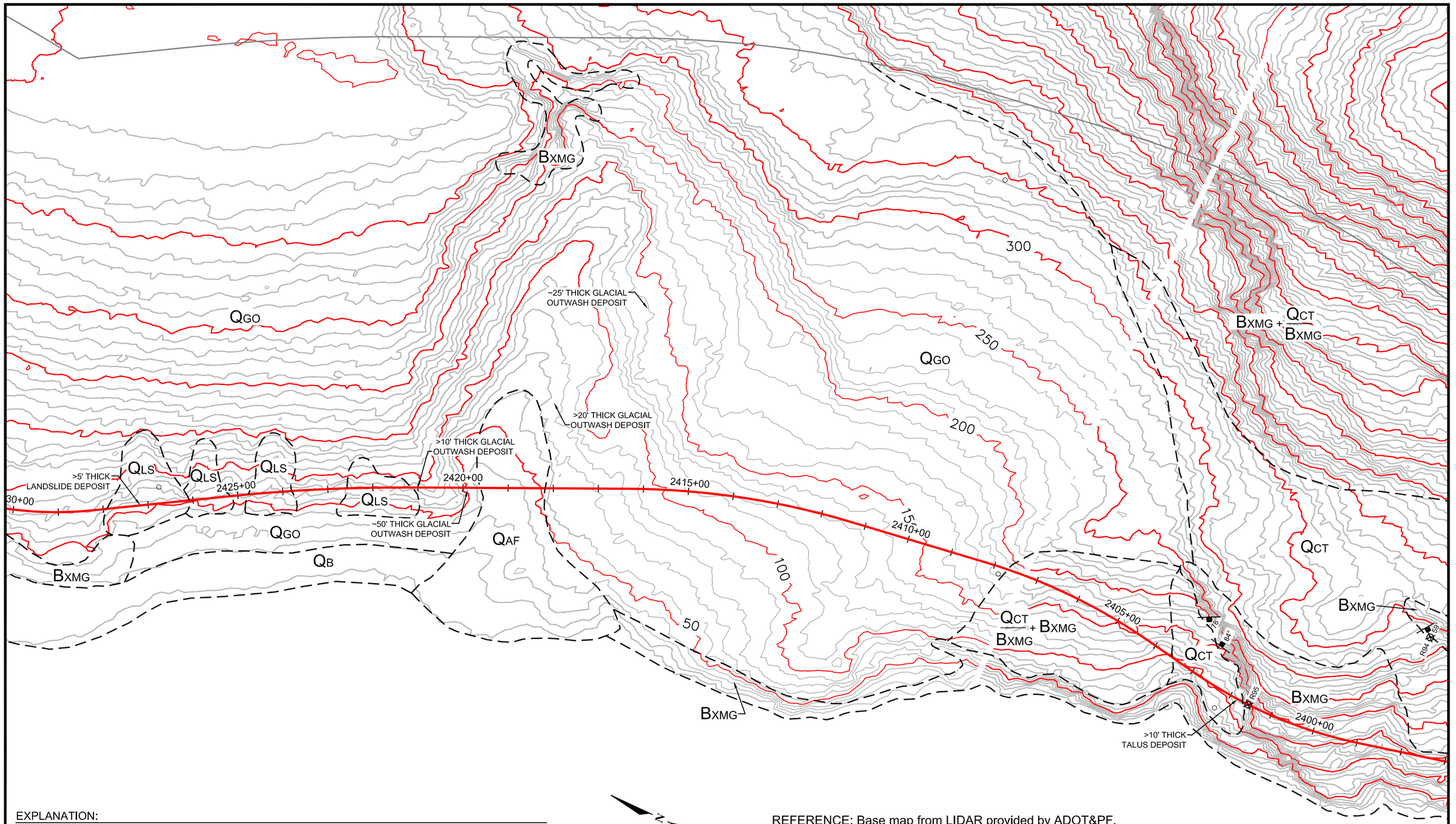
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2366+00 - 2397+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 30



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC
- BXV + QCT / BXV — UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT; UNIT LISTED FIRST IS PREDOMINANT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

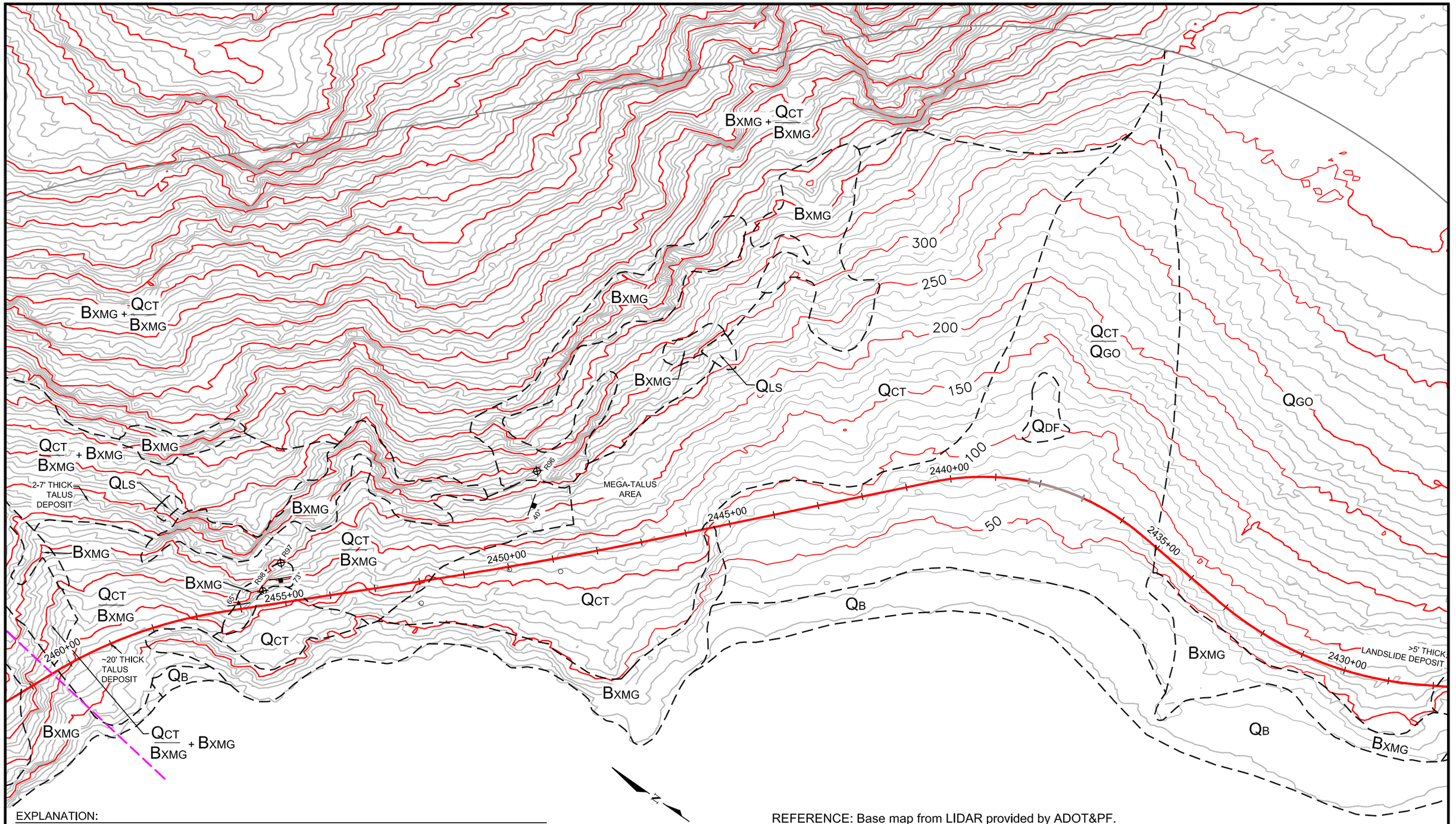
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2397+00 - 2430+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 31



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

0 200 400
SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

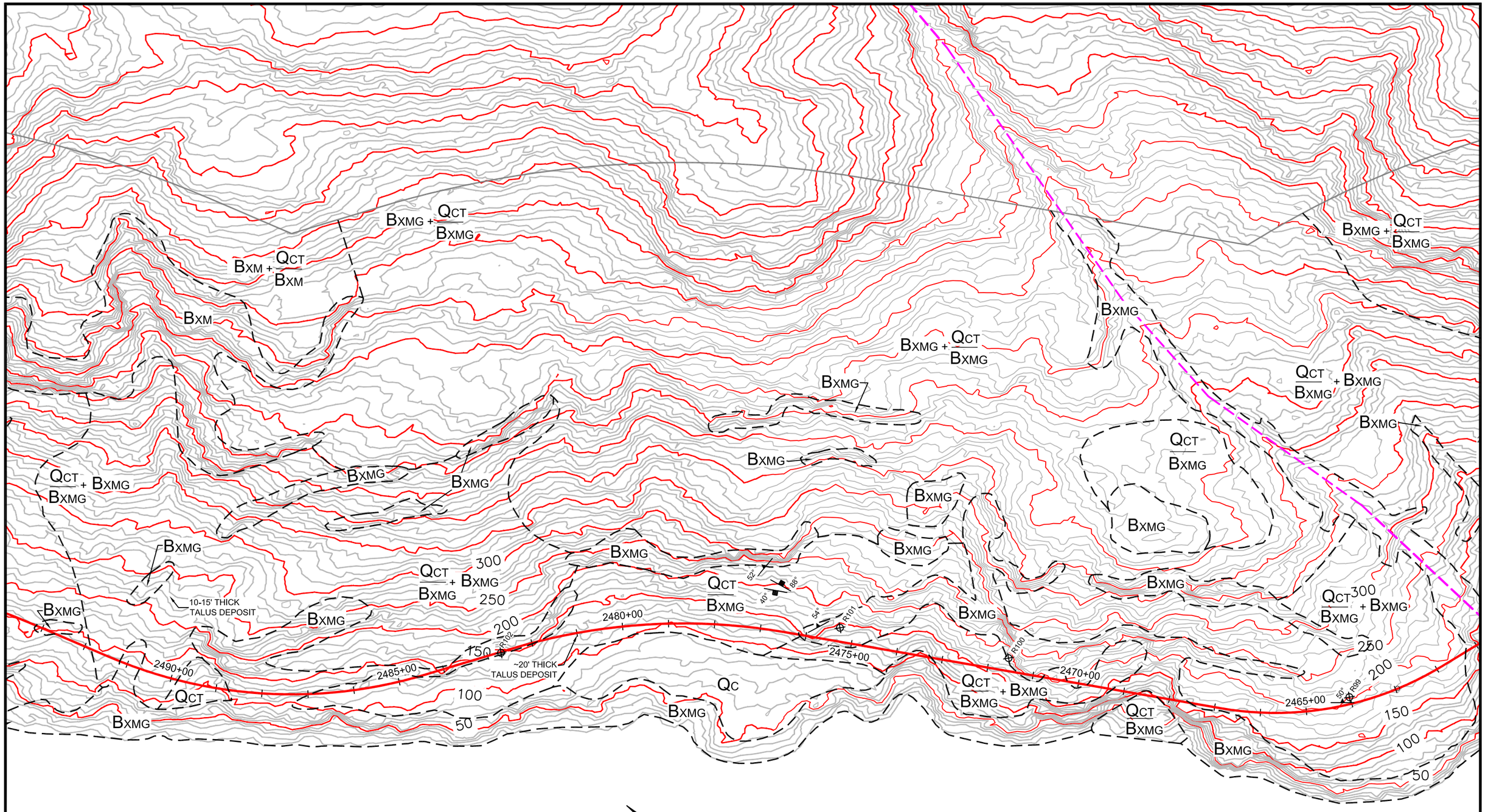
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2428+00 - 2461+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 32



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

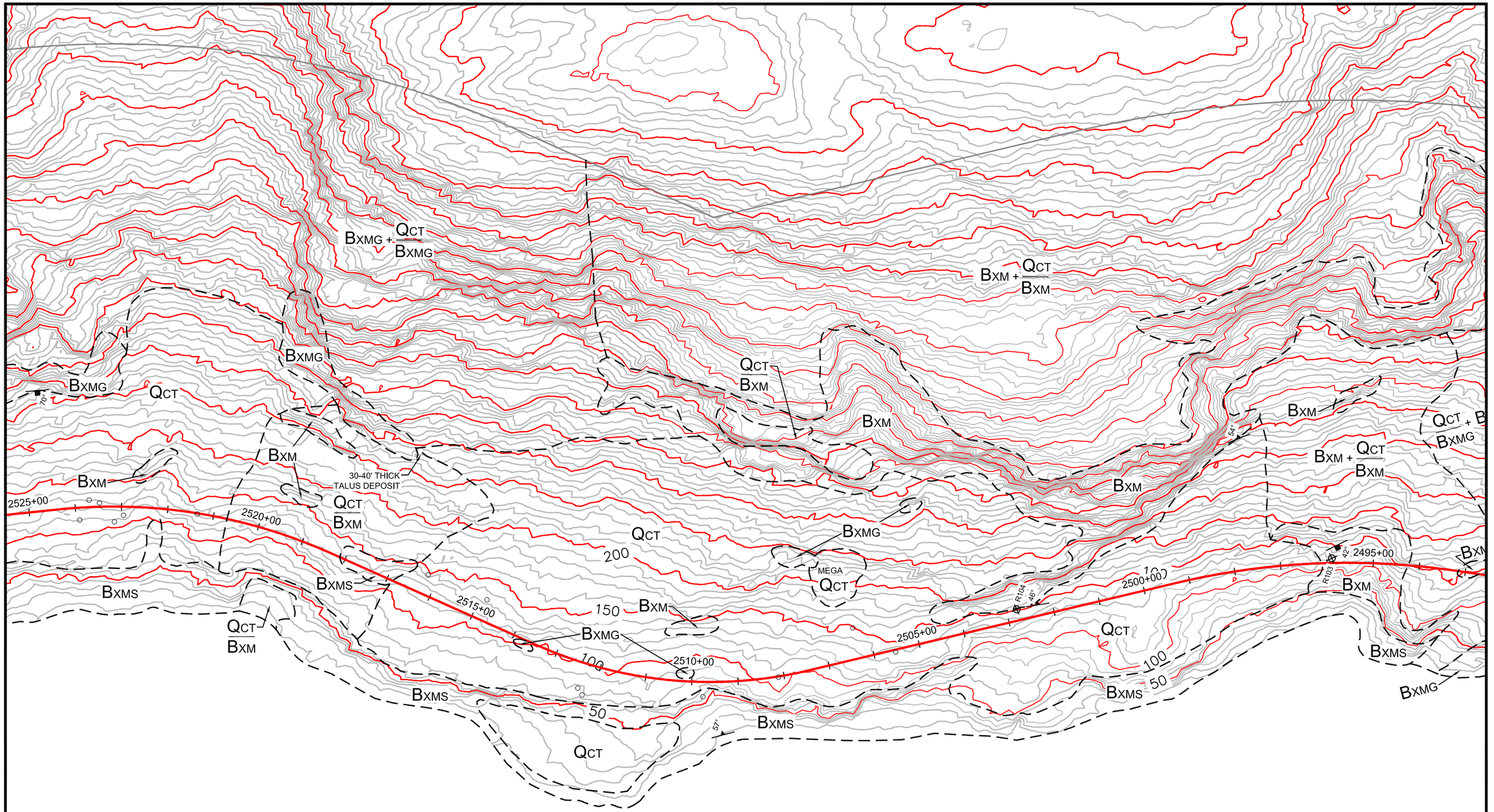
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2461+00 - 2493+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 33



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

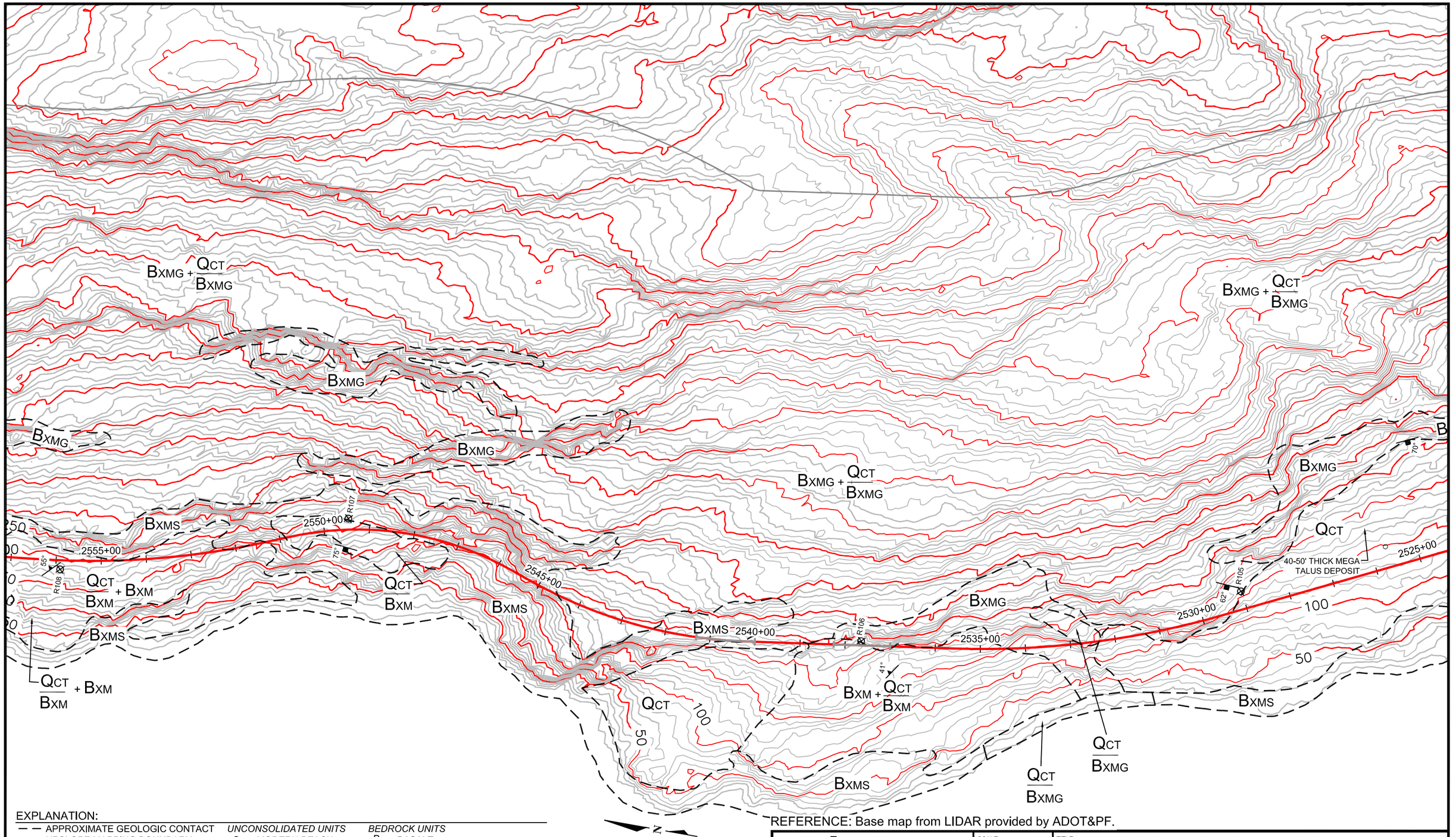
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2493+00 - 2525+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 34



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063-5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

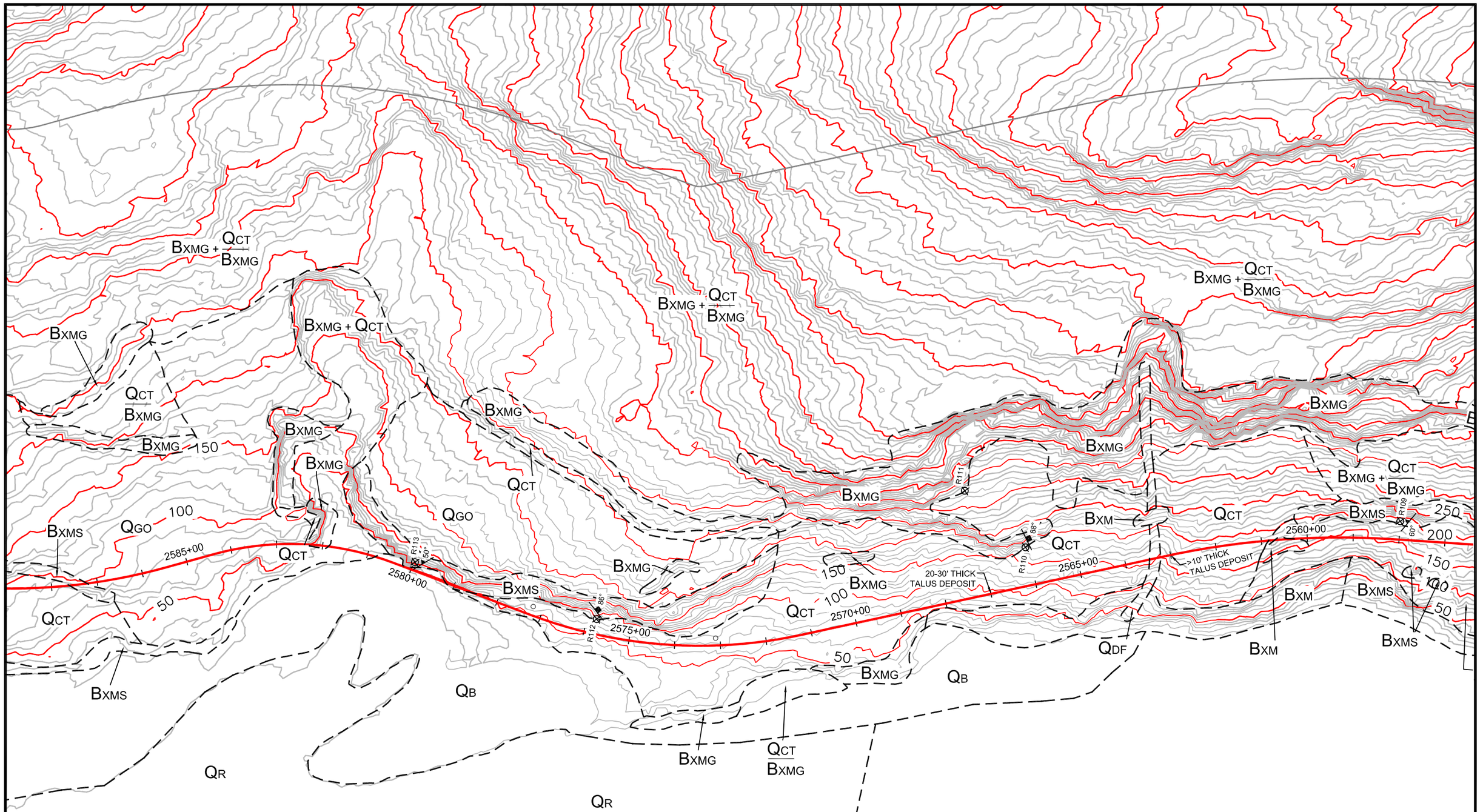
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2525+00 - 2557+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 35



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

0 200 400
SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782
SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0

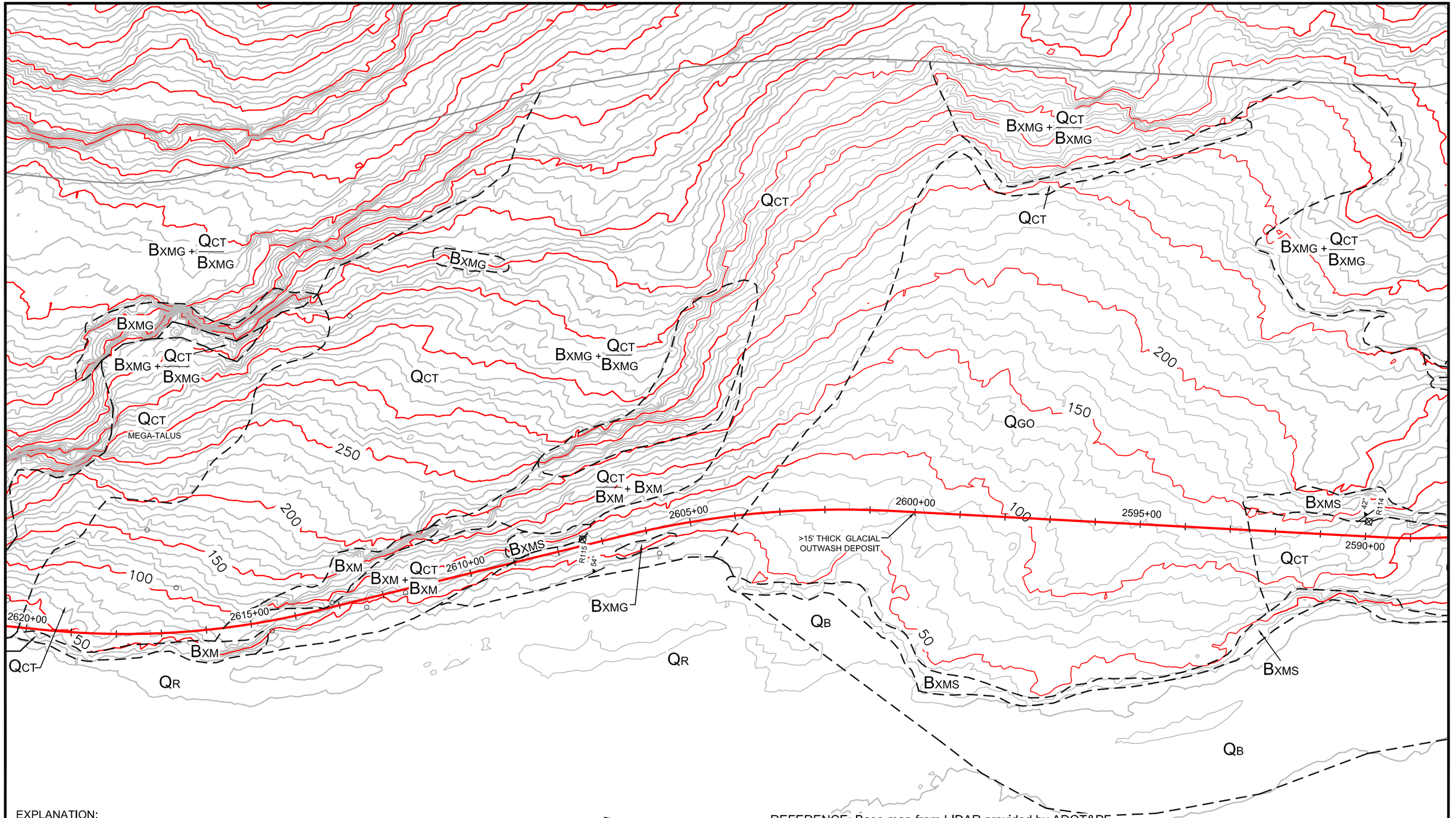
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2557+00 - 2588+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 36



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- QB MODERN BEACH
- QEB ELEVATED BEACH
- QDF DEBRIS FLOW
- QC COLLUVIUM
- QCT TALUS
- QGO GLACIAL OUTWASH
- QAF ALLUVIAL FAN
- QLS LANDSLIDE
- QR RIVER DEPOSIT

BEDROCK UNITS

- BXV BASALT
- BXMG GNEISS
- BXMS METASEDIMENTARY
- BXM METAMORPHIC

BXV + QCT / BXV — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

N

0 200 400

SCALE IN FEET

10 ft contour interval
50 ft Index contours

True North shown
23.5°East declination

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

SCALE	AS SHOWN
CADD	AM/EC/AF
DATE	12/21/06
CHECK	RGD
DATE	12/29/06
REV.	0
FILE No.	1 to 200 soil.dwg
PROJECT No.	063–5782

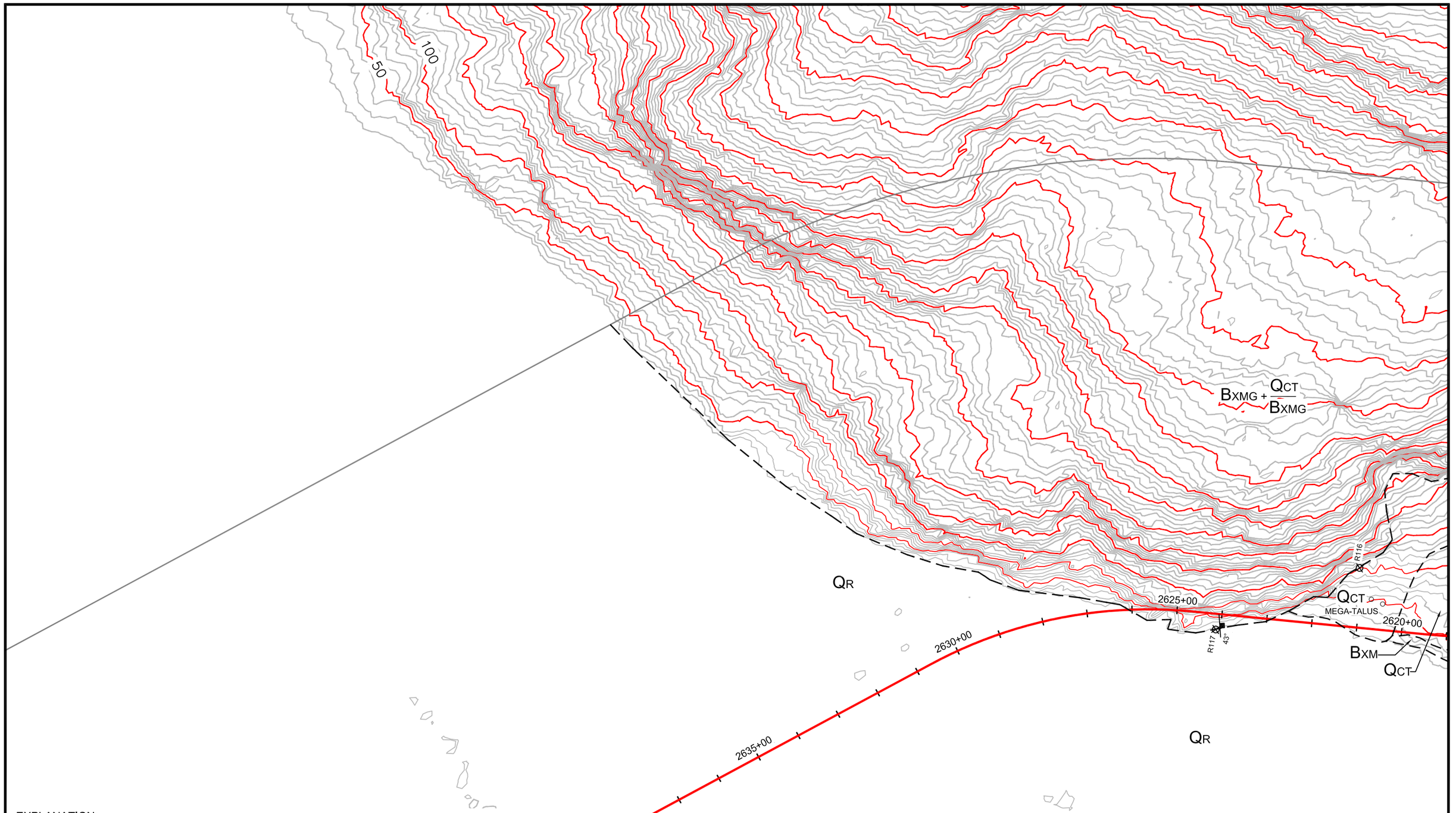
TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2588+00 - 2620+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 37



EXPLANATION:

- APPROXIMATE GEOLOGIC CONTACT
- UPSLOPE MAPPING BOUNDARY
- STRUCTURAL LINEAMENT
- MEGA-BOULDER(S) NOTED
- GEOPHYSICAL SURVEY LINE
- R1 STRUCTURAL MAPPING LOCATION
- 42° FOLIATION ORIENTATION AND DIP
- 42° JOINT ORIENTATION AND DIP
- 1530+00 INERTIAL REFERENCE POINT 2006 (IRP 2006) ALIGNMENT

UNCONSOLIDATED UNITS

- Q_B MODERN BEACH
- Q_{EB} ELEVATED BEACH
- Q_{DF} DEBRIS FLOW
- Q_C COLLUVIUM
- Q_{CT} TALUS
- Q_{GO} GLACIAL OUTWASH
- Q_{AF} ALLUVIAL FAN
- Q_{LS} LANDSLIDE
- Q_R RIVER DEPOSIT

BEDROCK UNITS

- B_{XV} BASALT
- B_{XMG} GNEISS
- B_{XMS} METASEDIMENTARY
- B_{XM} METAMORPHIC

$B_{XV} + \frac{Q_{CT}}{B_{XV}}$ — UNIT LISTED FIRST IS PREDOMINANT; UPPER UNIT APPROX. 3-10' DEEP, OVERLYING BOTTOM UNIT

REFERENCE: Base map from LIDAR provided by ADOT&PF.

Golder Associates
Anchorage, Alaska

FILE No.	1 to 200 soil.dwg
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CHECK	RGD
DATE	12/29/06
REV.	0

TITLE

PRELIMINARY SURFICIAL GEOLOGY MAP

IRP 2006 2619+00 - 2640+00
LYNN CANAL, ALASKA

ADOT / LYNN CANAL HWY ZONE 4 / AK

FIGURE 38