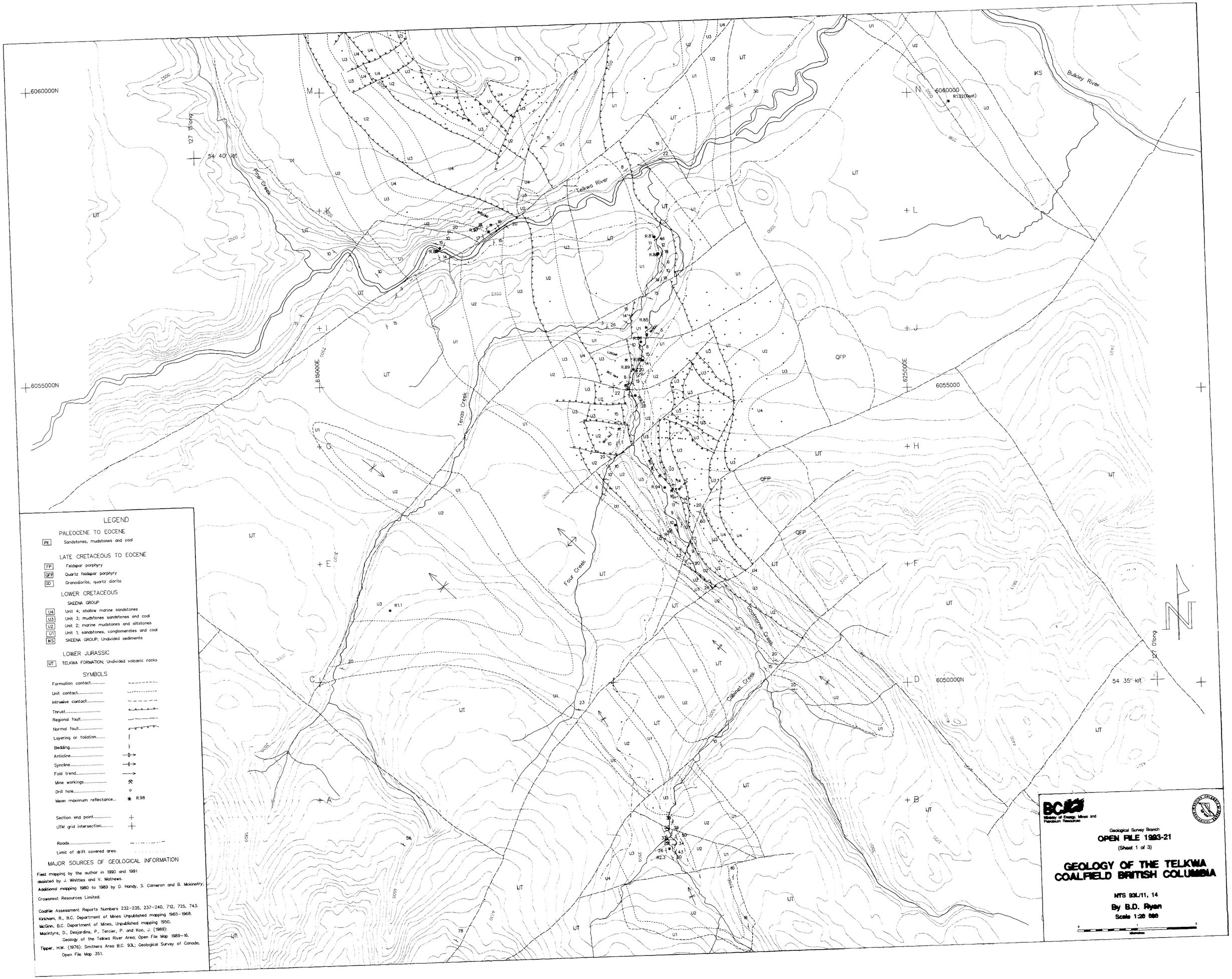


LEGEND

PALEOCENE TO EOCENE

PE Sandstones, mudstones and coal

LATE CRETACEOUS TO EOCENE

FP Feldspar porphyry

QFP Quartz feldspar porphyry

GD Granodiorite, quartz diorite

LOWER CRETACEOUS

SKEENA GROUP

U4 Unit 4; shallow marine sandstones

U3 Unit 3; mudstones sandstones and coal

U2 Unit 2; marine mudstones and siltstones

U1 Unit 1; sandstones, conglomerates and coal

KS SKEENA GROUP; Undivided sediments

LOWER JURASSIC

IJT TELKWA FORMATION; Undivided volcanic rocks

SYMBOLS

Formation contact

Unit contact

Intrusive contact

Thrust

Regional fault

Normal fault

Layering or foliation

Bedding

Anticline

Syncline

Fold trend

Mine workings

Drill hole

Mean maximum reflectance... R.98

Section end point

UTM grid intersection

Roads

Limit of drift covered area.

MAJOR SOURCES OF GEOLOGICAL INFORMATION

Field mapping by the author in 1990 and 1991 assisted by J. Whittles and V. Mathews.

Additional mapping 1980 to 1989 by D. Handy, S. Cameron and B. Mckinstry; Crowsnest Resources Limited.

Coalfile Assessment Reports Numbers 232–235, 237–240, 712, 725, 743.

Kirkham, R., B.C. Department of Mines Unpublished mapping 1965–1968.

McGinn, B.C. Department of Mines, Unpublished mapping 1950.

MacIntyre, D., Desjardins, P., Tercier, P. and Koo, J. (1989): Geology of the Telkwa River Area; Open File Map 1989–16.

Tipper, H.W. (1976): Smithers Area B.C. 93L; Geological Survey of Canada, Open File Map 351.

Ministry of Energy, Mines and Petroleum Resources

Geological Survey Branch

OPEN FILE 1993-21

(Sheet 1 of 3)

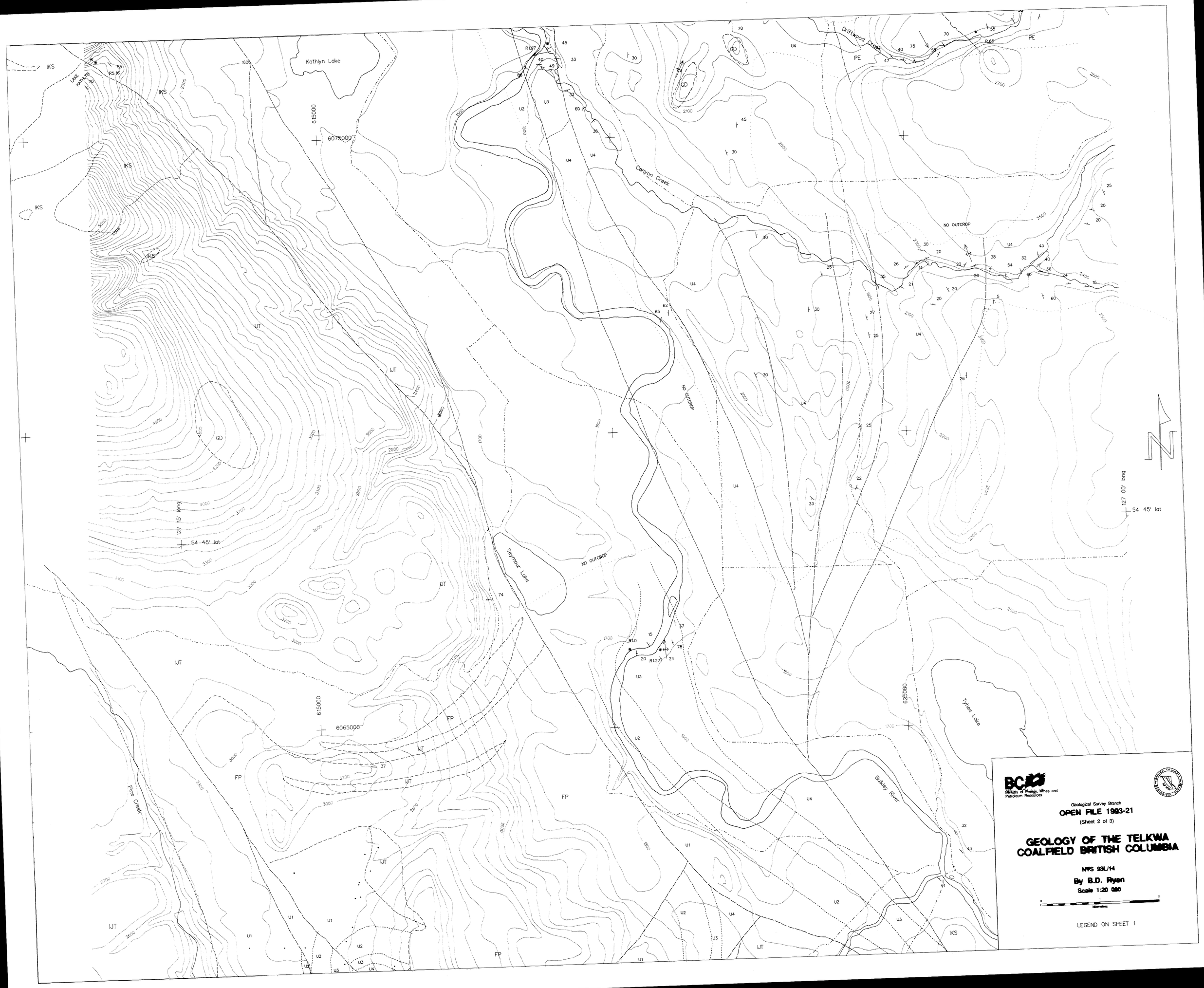
GEOLOGY OF THE TELKWA COALFIELD BRITISH COLUMBIA

NTS 93L/11, 14

By B.D. Ryan

Scale 1:20 000

0 1 2 Kilometres



Ministry of Energy, Mines and Petroleum Resources

Geological Survey Branch

OPEN FILE 1993-21

(Sheet 2 of 3)

GEOLOGY OF THE TELKWA COALFIELD BRITISH COLUMBIA

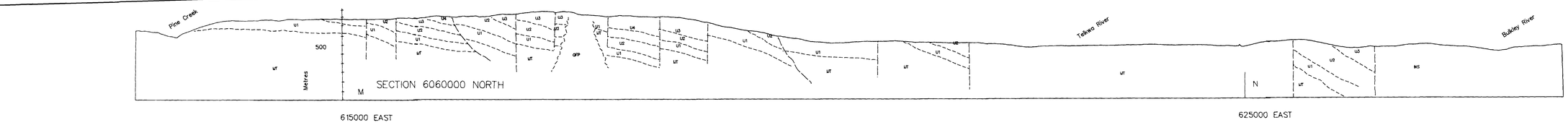
NTS 93L/14

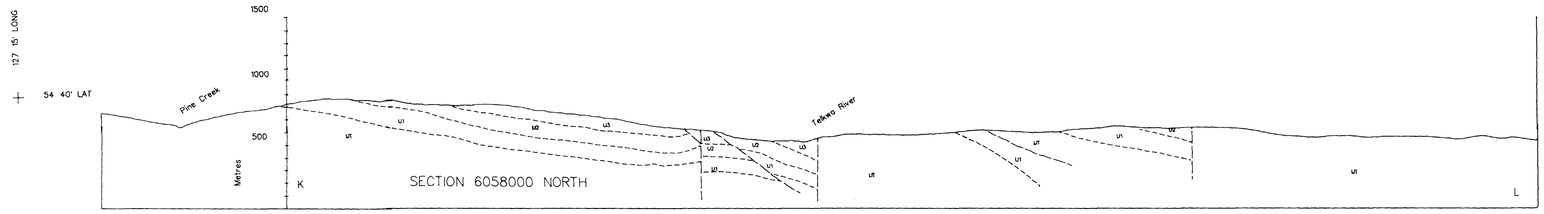
By B.D. Ryan

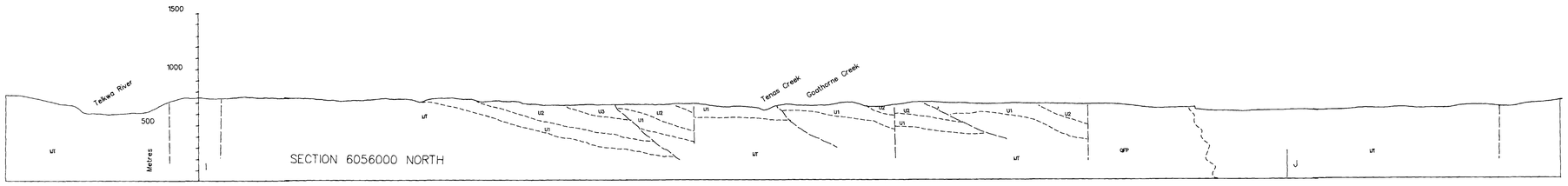
Scale 1:20 000

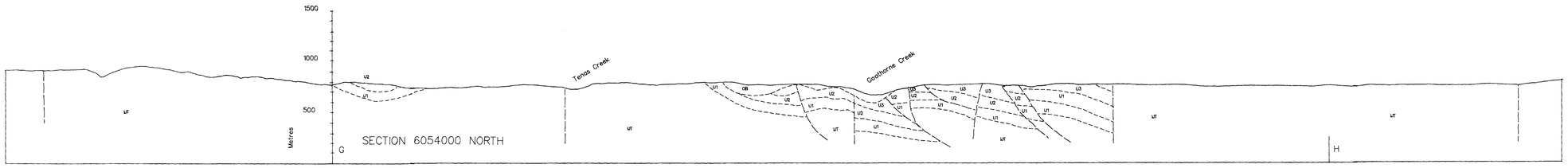
0 1 2
kilometres

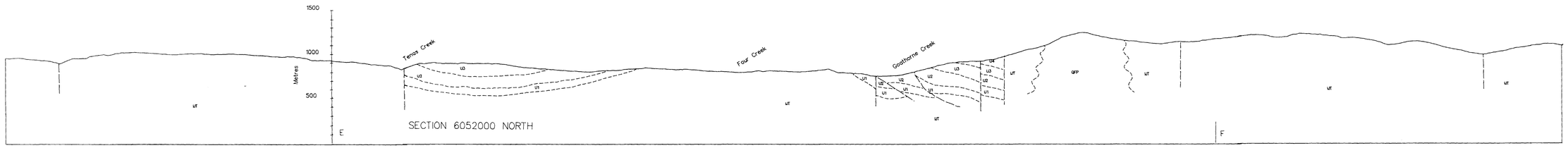
LEGEND ON SHEET 1

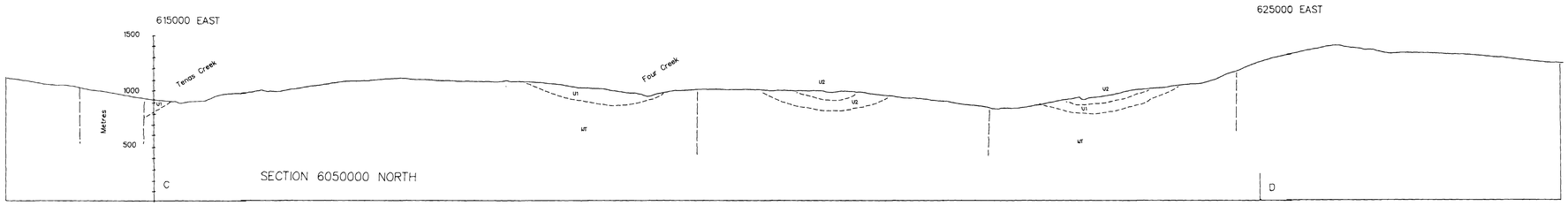


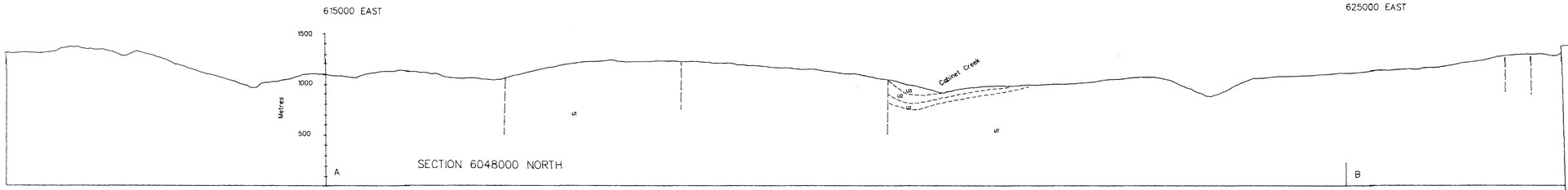












LEGEND

Sections constructed with no vertical exageration

Section baselines overlay section lines on SHEET 1

All contacts short dash pattern

All faults long dash pattern

All rock codes as per legend on SHEET 1

BC

Ministry of Energy, Mines and Petroleum Resources

Geological Survey Branch

OPEN FILE 1993-21

(Sheet 3 of 3)

GEOLOGY OF THE TELKWA COALFIELD BRITISH COLUMBIA CROSS SECTIONS

NTS 93L/11, 14

By B.D. Ryan

Scale 1:20 000

0 1 2

kilometres