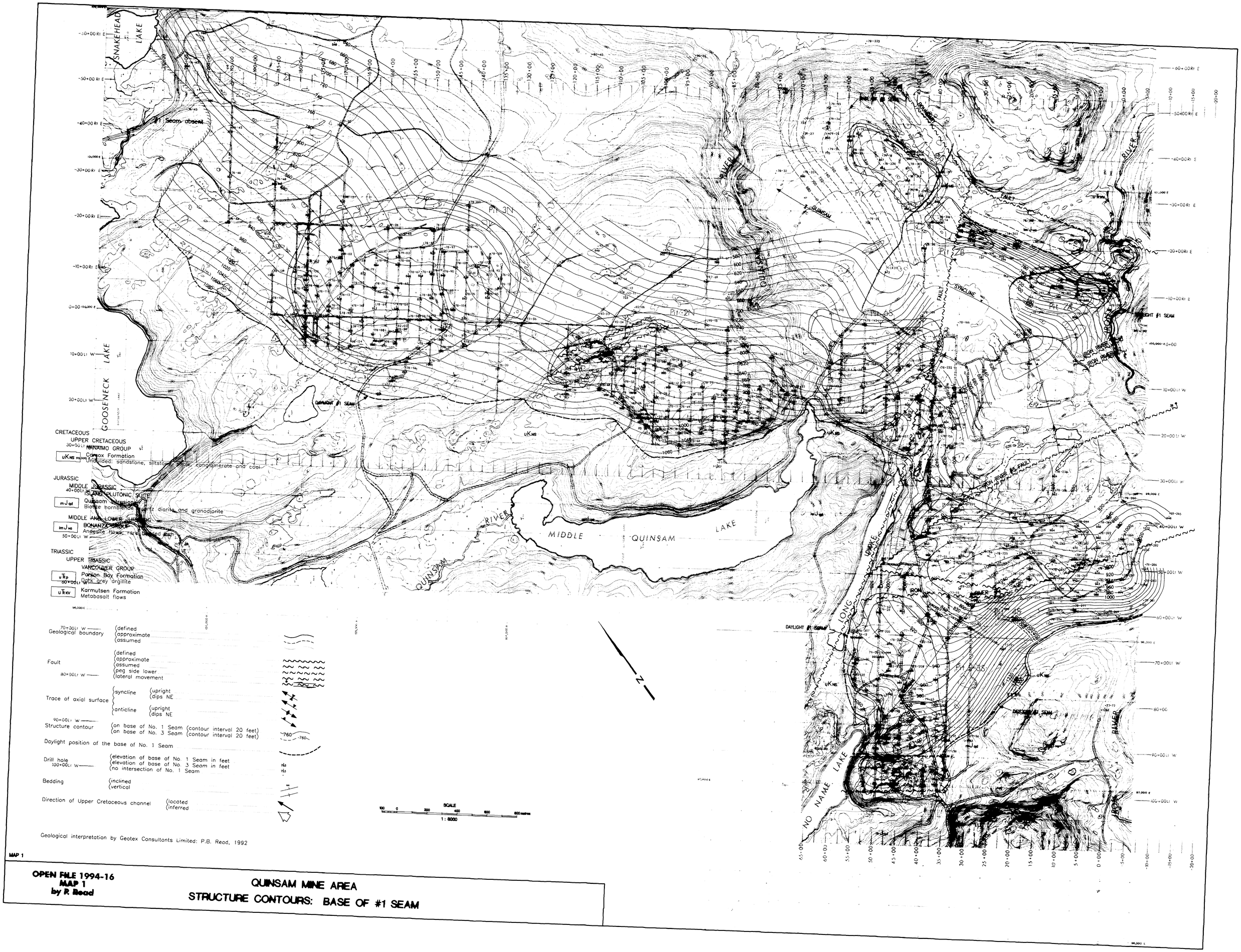
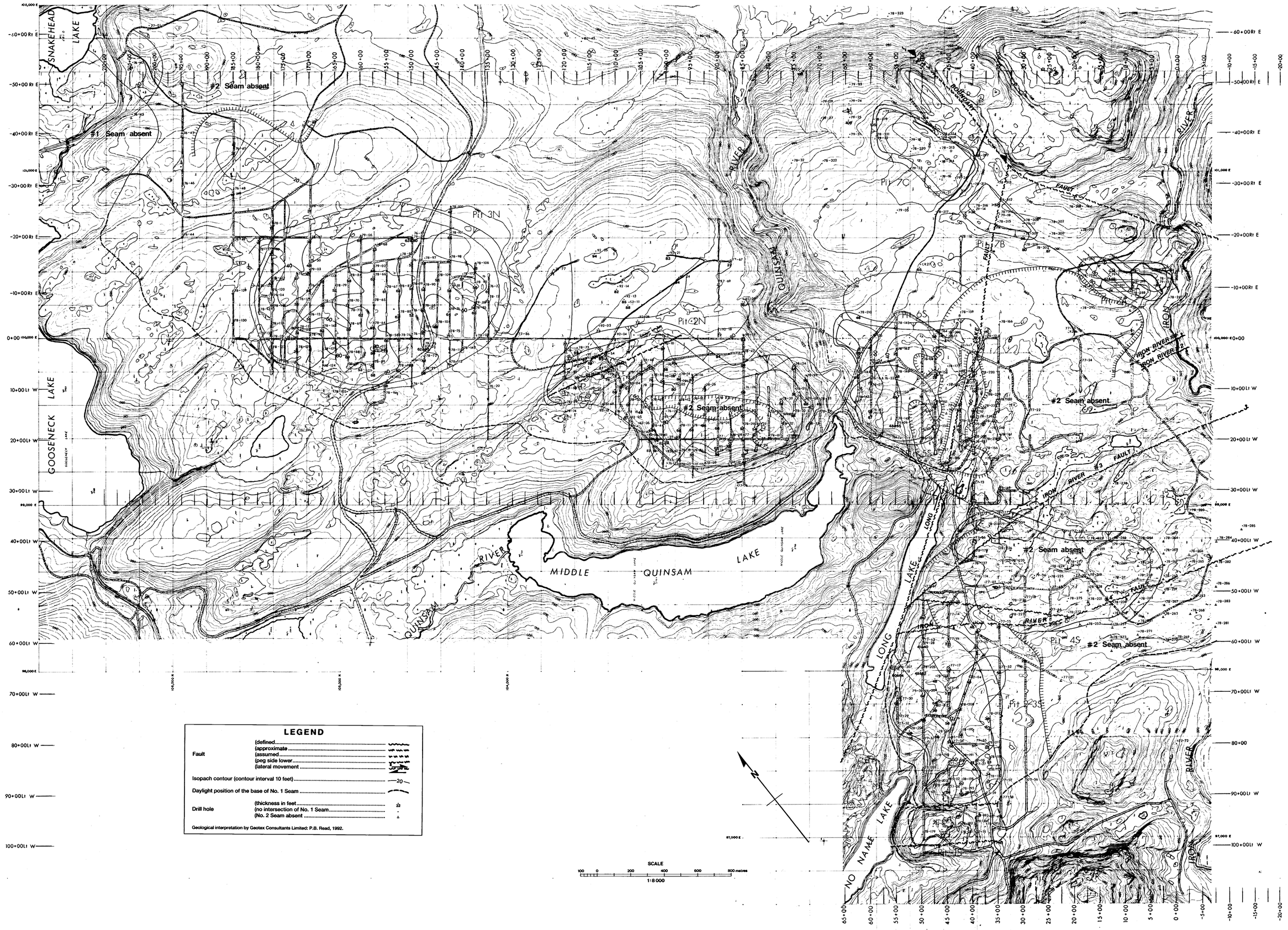


OPEN FILE 1994-16
MAP 1
by P. Read

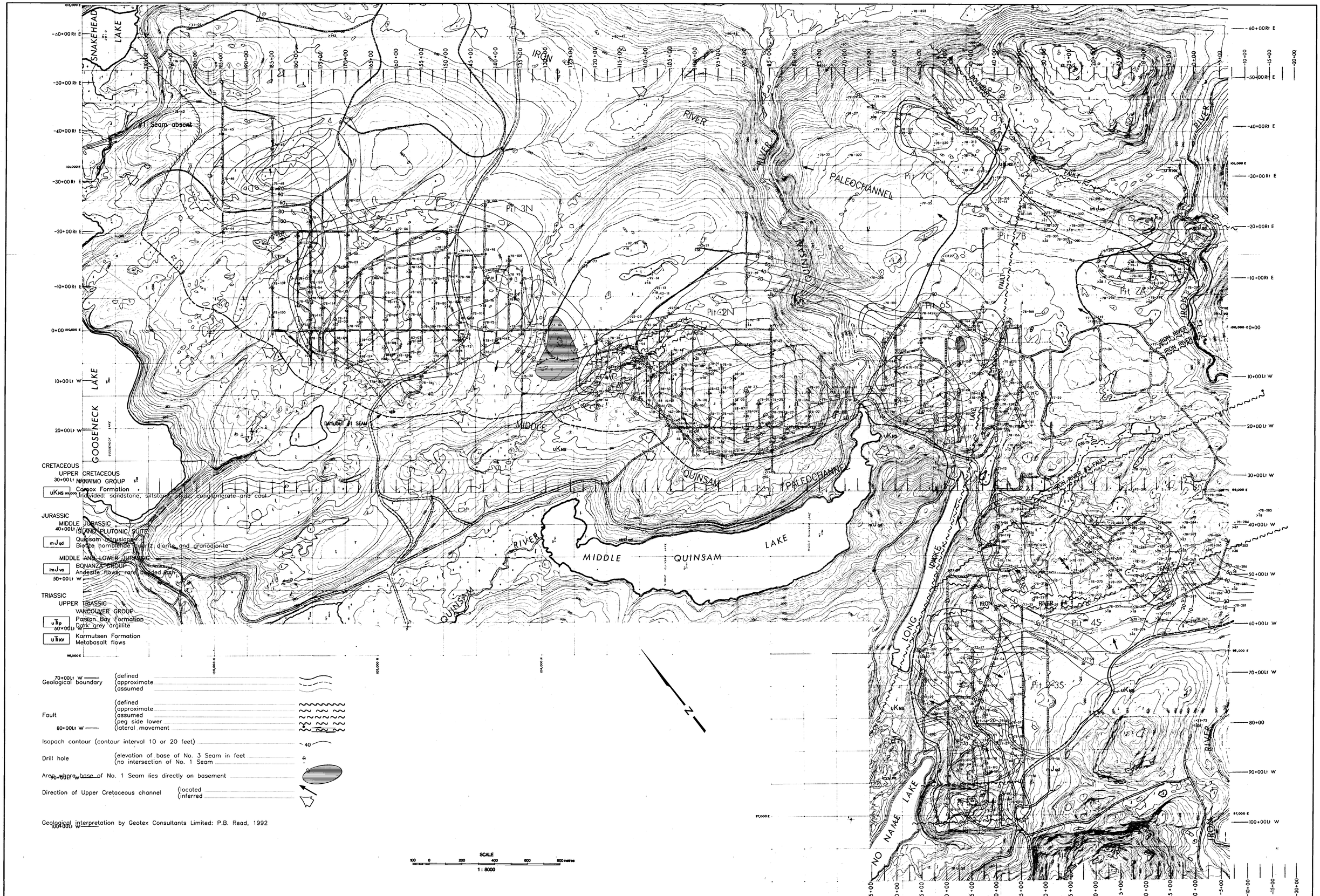
QUINSAM MINE AREA
STRUCTURE CONTOURS: BASE OF #1 SEAM



MAP 2

OPEN FILE 1994-16
MAP 2
by P. Read

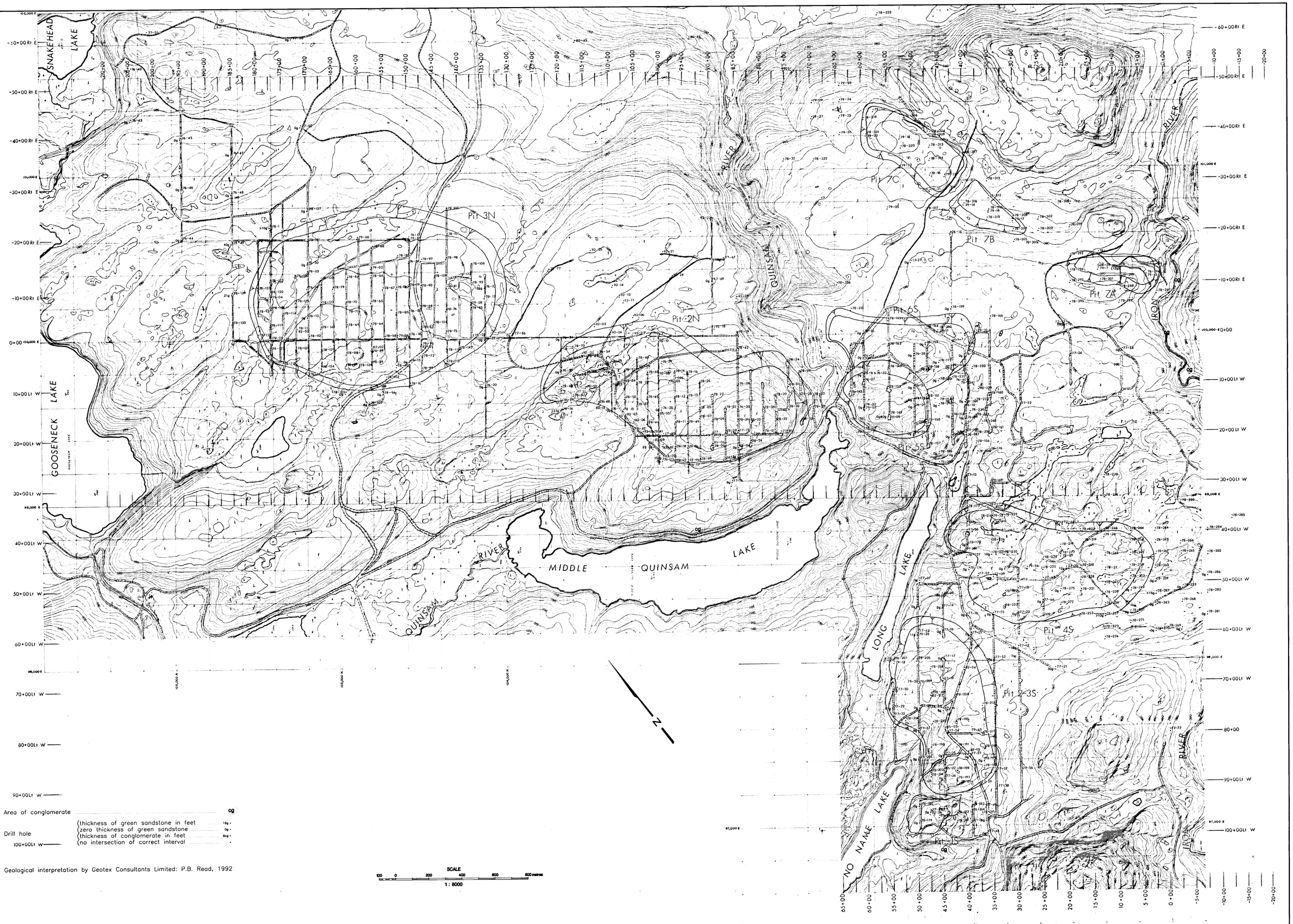
QUINSAM MINE AREA
ISOPACH CONTOURS: BASE #2 to TOP #1 SEAM



MAP 3

OPEN FILE 1994-16
MAP 3
by P. Read

QUINSAM MINE AREA
ISOPACH CONTOURS: BASE #1 SEAM to BASEMENT



Area of conglomerate ..... cg

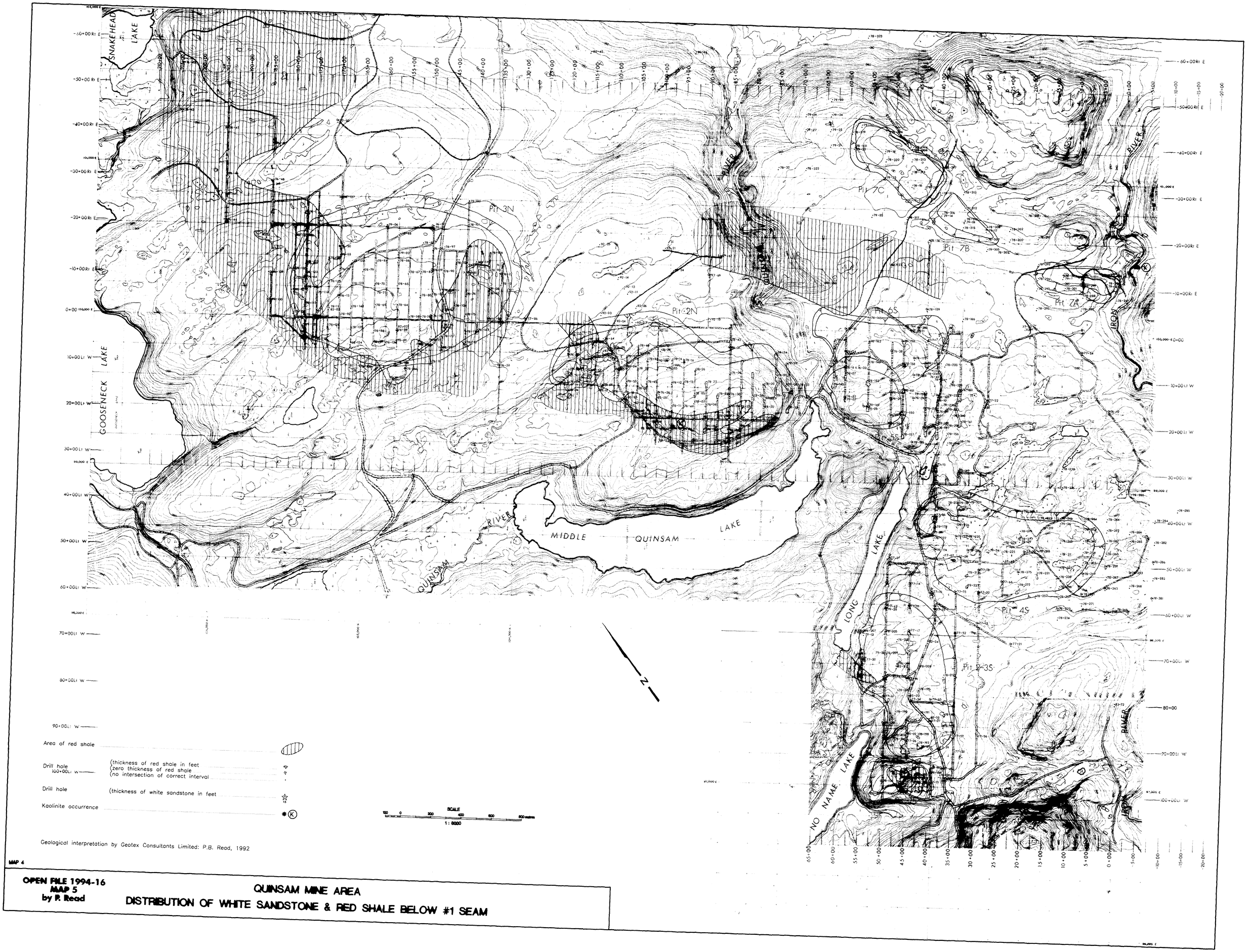
Drill hole
(thickness of green sandstone in feet ..... 16g •
(zero thickness of green sandstone ..... 0g •
(thickness of conglomerate in feet ..... 6cg •
(no intersection of correct interval ..... •

Geological interpretation by Geotex Consultants Limited: P.B. Read, 1992

MAP 5

OPEN FILE 1994-16
MAP 4
by P. Read

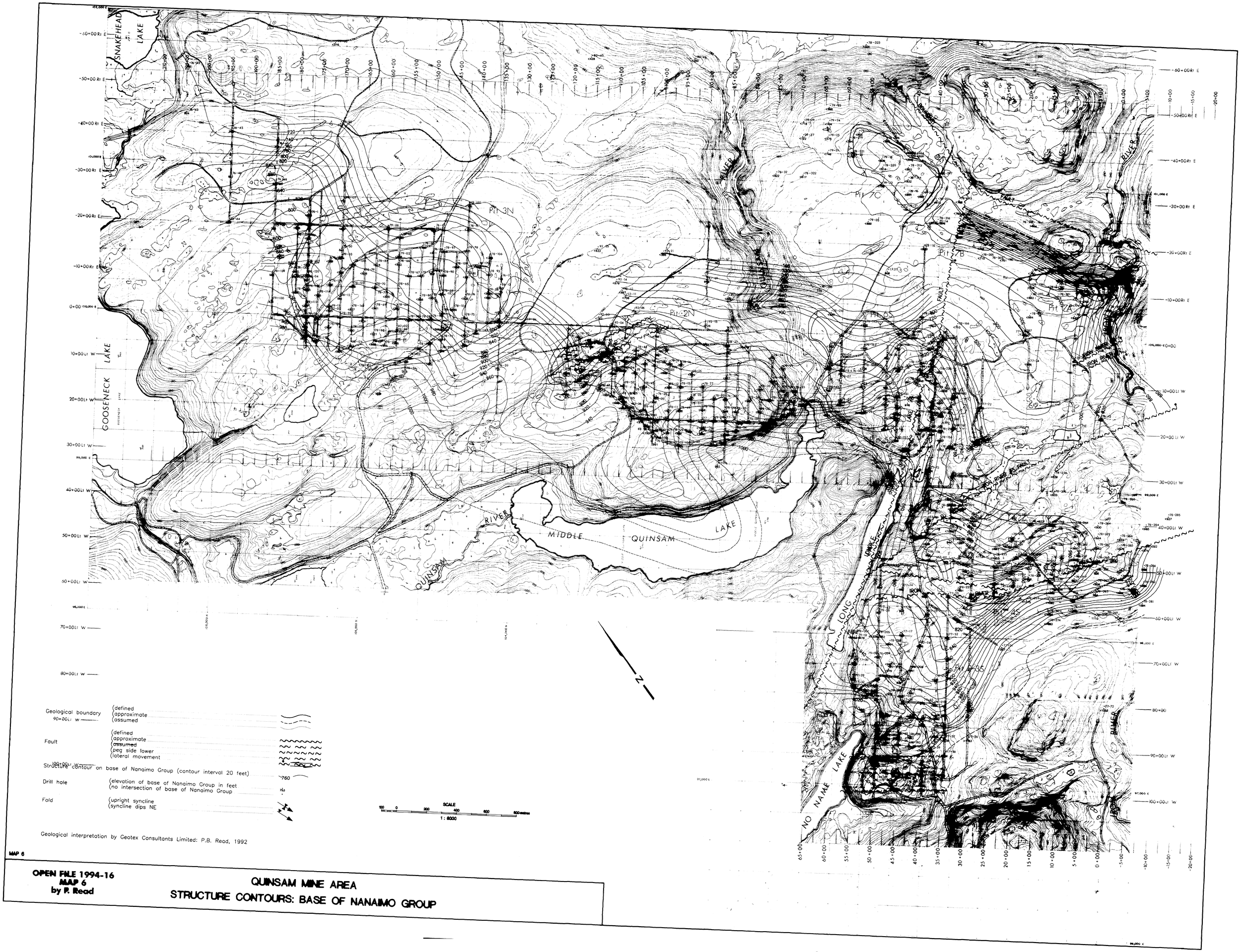
QUINSAM MINE AREA
DISTRIBUTION OF GREEN SANDSTONE & CONGLOMERATE BELOW #1 SEAM



OPEN FILE 1994-16
MAP 5
by P. Read

QUINSAM MINE AREA

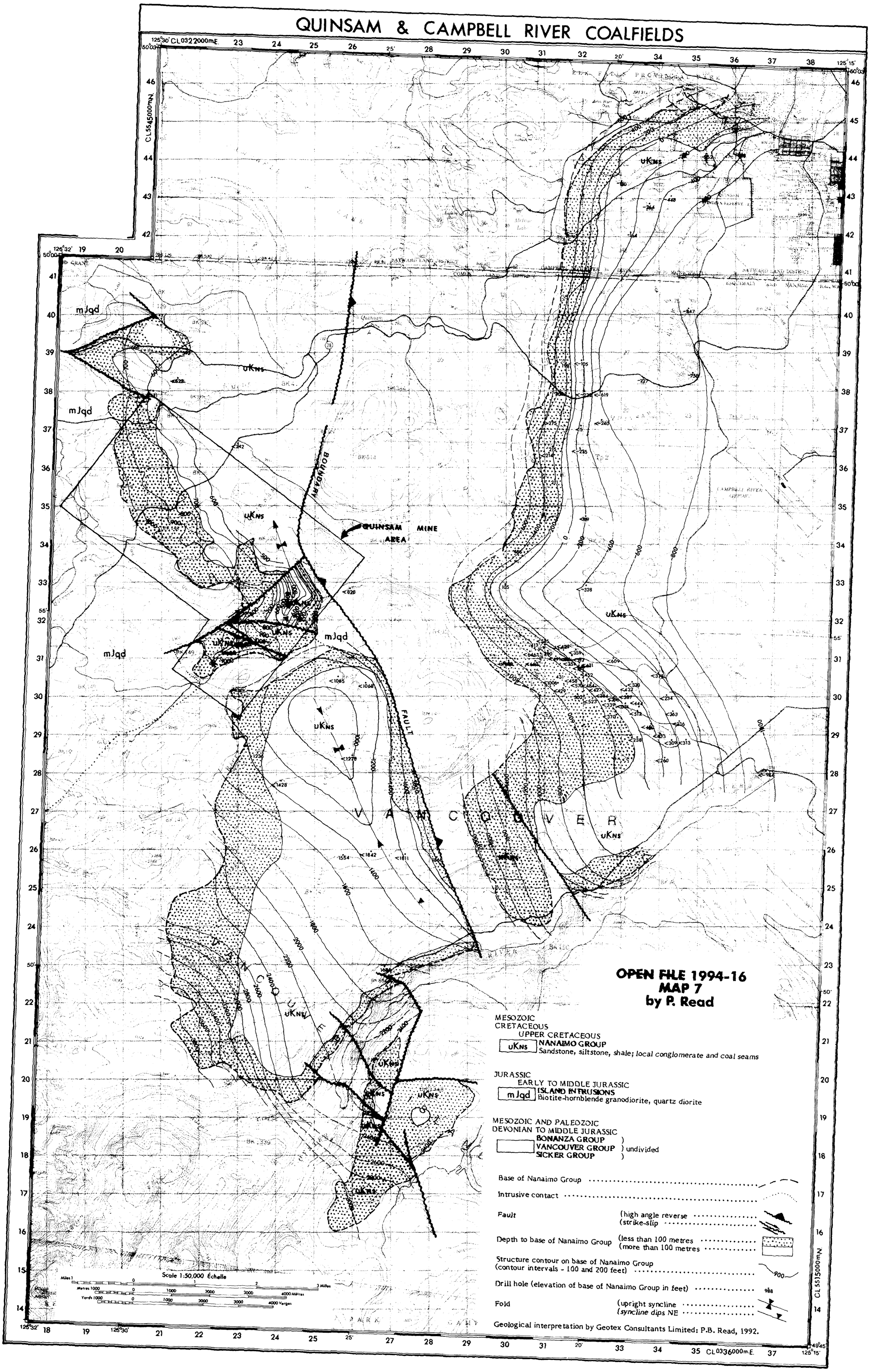
DISTRIBUTION OF WHITE SANDSTONE & RED SHALE BELOW #1 SEAM



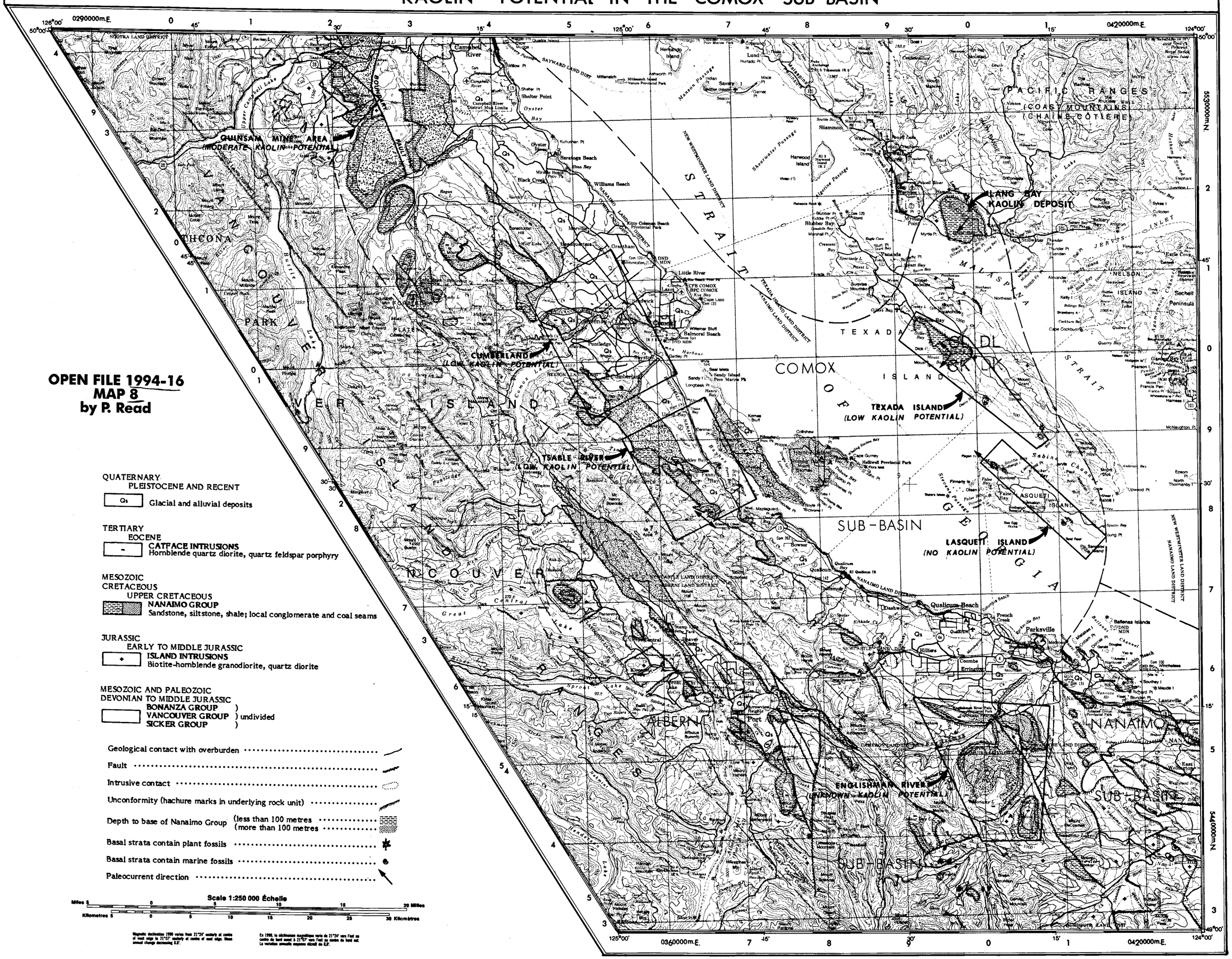
OPEN FILE 1994-16
MAP 6
by P. Read

QUINSAM MINE AREA
STRUCTURE CONTOURS: BASE OF NANAIMO GROUP

QUINSAM & CAMPBELL RIVER COALFIELDS



KAOLIN POTENTIAL IN THE COMOX SUB-BASIN



OPEN FILE 1994-16
MAP 8
by P. Read

QUATERNARY
PLEISTOCENE AND RECENT

Qs — Glacial and alluvial deposits

TERTIARY
EOCENE

CATFACE INTRUSIONS
Hornblende quartz diorite, quartz feldspar porphyry

MESOZOIC
CRETACEOUS
UPPER CRETACEOUS

NANAIMO GROUP
Sandstone, siltstone, shale; local conglomerate and coal seams

JURASSIC
EARLY TO MIDDLE JURASSIC

ISLAND INTRUSIONS
Biotite-hornblende granodiorite, quartz diorite

MESOZOIC AND PALEOZOIC
DEVONIAN TO MIDDLE JURASSIC

BONANZA GROUP
VANCOUVER GROUP) undivided
SICKER GROUP

Geological contact with overburden
Fault
Intrusive contact
Unconformity (hachure marks in underlying rock unit)
Depth to base of Nanaimo Group (less than 100 metres / more than 100 metres)
Basal strata contain plant fossils
Basal strata contain marine fossils
Paleocurrent direction

Scale 1:250 000 Échelle

Miles 5 0 5 10 15 20 Miles
Kilometres 5 0 5 10 15 20 25 30 Kilomètres

Magnetic declination 1990 varies from 21°24' easterly at centre of west edge to 21°07' easterly at centre of east edge. Mean annual change decreasing 8.8'.

En 1990, la déclinaison magnétique varie de 21°24' vers l'est au centre du bord ouest à 21°07' vers l'est au centre du bord est. La variation annuelle moyenne décroît de 8.8'.