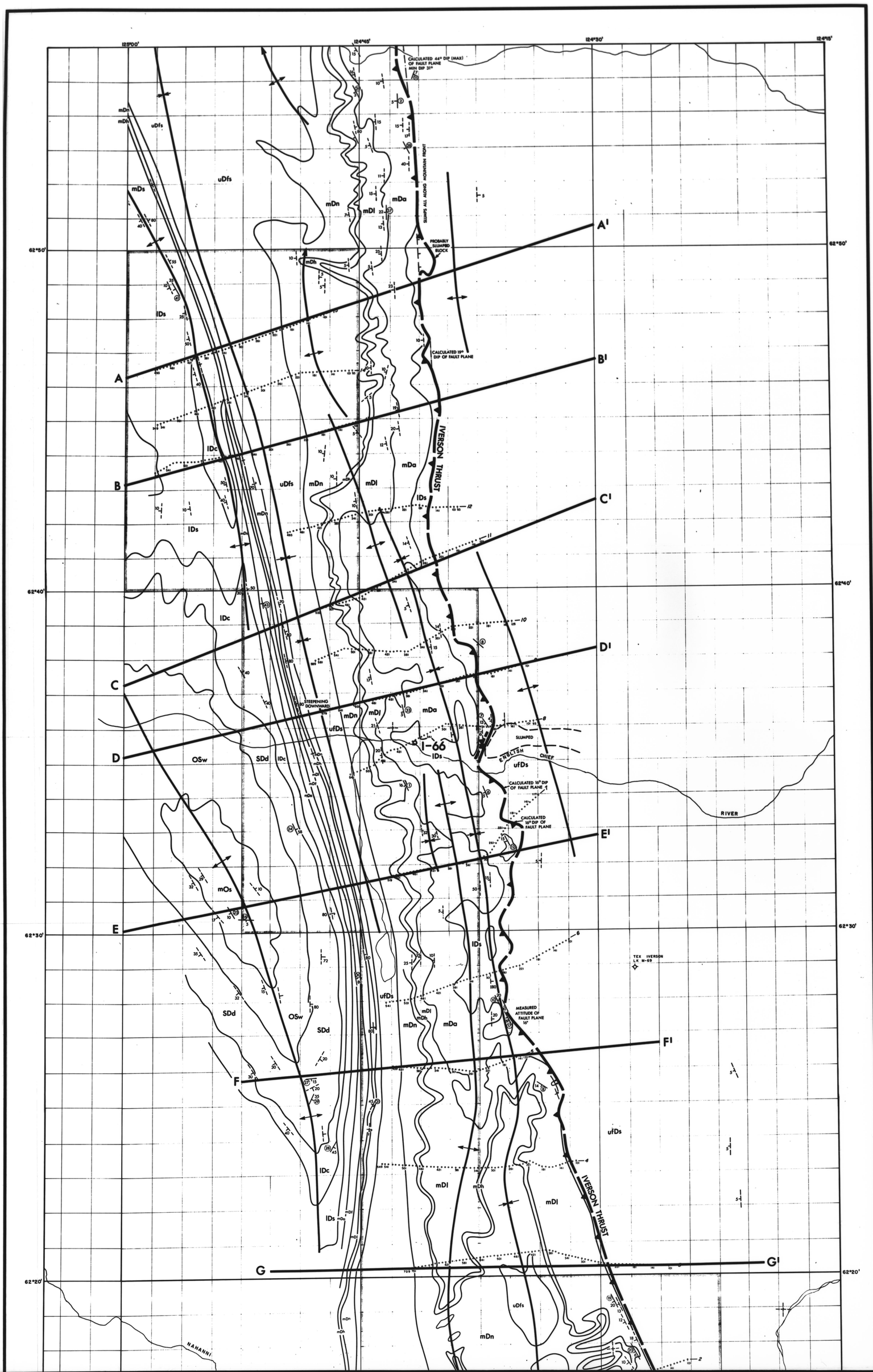
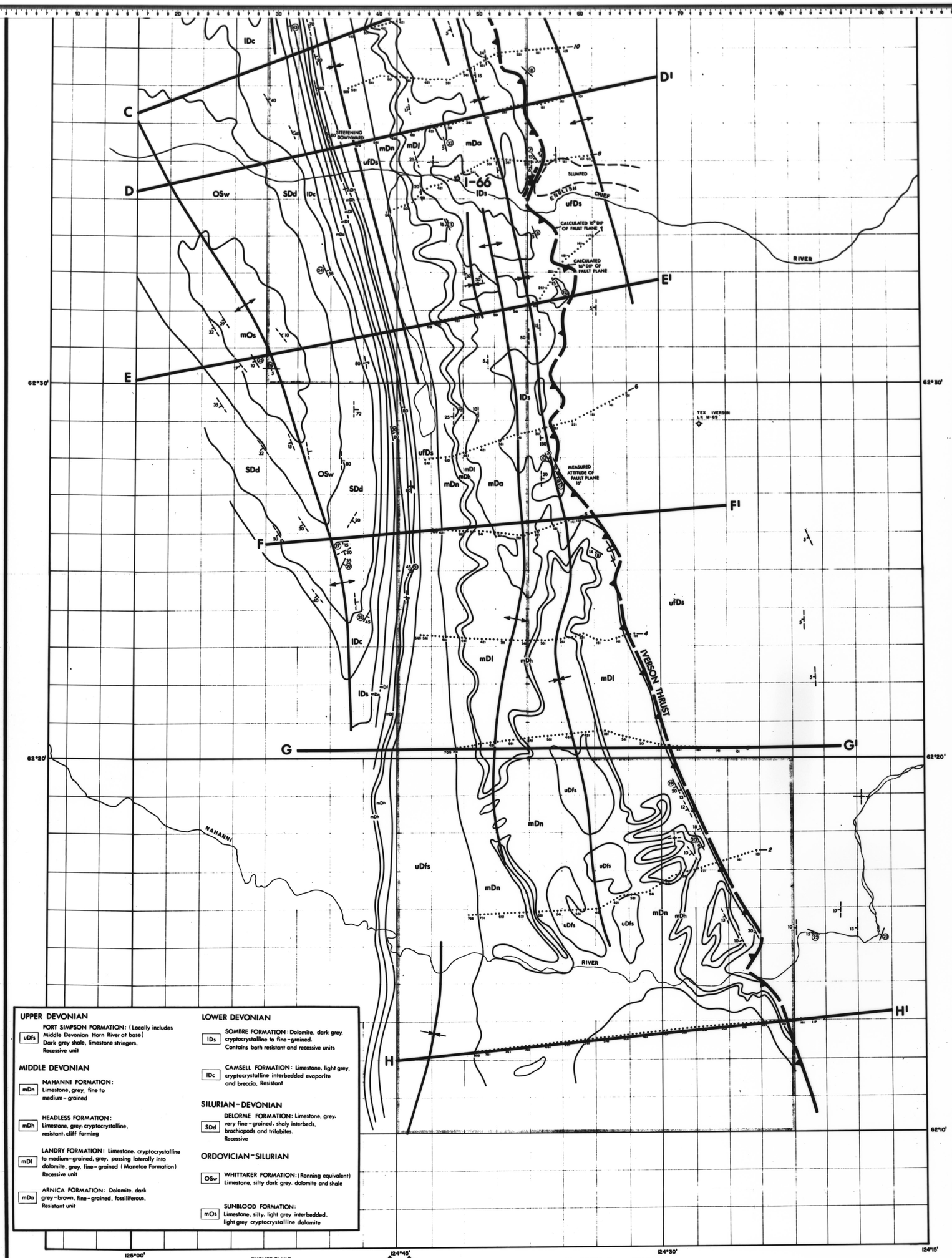

125°00'
124°45'
124°30'
124°15'
62°50'
62°40'
62°30'
62°20'
A
A'
B
B'
C
C'
D
D'
E
E'
F
F'
G
G'
CALCULATED 44° DIP (MAX) OF FAULT PLANE MIN DIP 31°
SLUMPS ALL ALONG MOUNTAIN FRONT
PROBABLY SLUMPED BLOCK
CALCULATED 19° DIP OF FAULT PLANE
IVERSON THRUST
STEEPENING DOWNWARD
SLUMPED
ENGLISH CHIEF
CALCULATED 10° DIP OF FAULT PLANE
CALCULATED 10° DIP OF FAULT PLANE
RIVER
TEX IVERSON LK M-59
MEASURED ATTITUDE OF FAULT PLANE 10°
I-66
NAHANNI
uDfs
mDs
mDn
mDh
mDl
mDa
IDs
IDc
OSw
SDd
mOs
ufDs




**UPPER DEVONIAN**

uDfs — FORT SIMPSON FORMATION: (Locally includes Middle Devonian Horn River at base) Dark grey shale, limestone stringers. Recessive unit

**MIDDLE DEVONIAN**

mDn — NAHANNI FORMATION: Limestone, grey, fine to medium-grained

mDh — HEADLESS FORMATION: Limestone, grey, cryptocrystalline, resistant, cliff forming

mDl — LANDRY FORMATION: Limestone, cryptocrystalline to medium-grained, grey, passing laterally into dolomite, grey, fine-grained (Manetoe Formation) Recessive unit

mDa — ARNICA FORMATION: Dolomite, dark grey-brown, fine-grained, fossiliferous, Resistant unit

**LOWER DEVONIAN**

IDs — SOMBRE FORMATION: Dolomite, dark grey, cryptocrystalline to fine-grained. Contains both resistant and recessive units

IDc — CAMSELL FORMATION: Limestone, light grey, cryptocrystalline interbedded evaporite and breccia. Resistant

**SILURIAN-DEVONIAN**

SDd — DELORME FORMATION: Limestone, grey, very fine-grained, shaly interbeds, brachiopods and trilobites. Recessive

**ORDOVICIAN-SILURIAN**

OSw — WHITTAKER FORMATION: (Ronning equivalent) Limestone, silty dark grey, dolomite and shale

mOs — SUNBLOOD FORMATION: Limestone, silty, light grey interbedded, light grey cryptocrystalline dolomite

SCALE 1:50,000

THRUST FAULT
GEOLOGICAL BOUNDARY
ANTICLINE (ARROW INDICATES PLUNGE)
SYNCLINE (ARROW INDICATES PLUNGE)
BEDDING (MEASURED)
BEDDING (ESTIMATED)
CROSS-SECTION A — A'
STATIONS OCCUPIED

# GEOLOGICAL MAP
# S. DAHADINNI AREA

COMPILED FROM GSC MAP 1376A
AND FIELD WORK BY PETER B. JONES P. GEOL.

NOVEMBER 1983 SCALE 1:50,000
BASE MAP BY PETREL CONSULTANTS LTD

FORWARD RESOURCES LTD.
S. DAHADINNI RIVER, N.W.T.

9229-79-4E

FIGURE 1