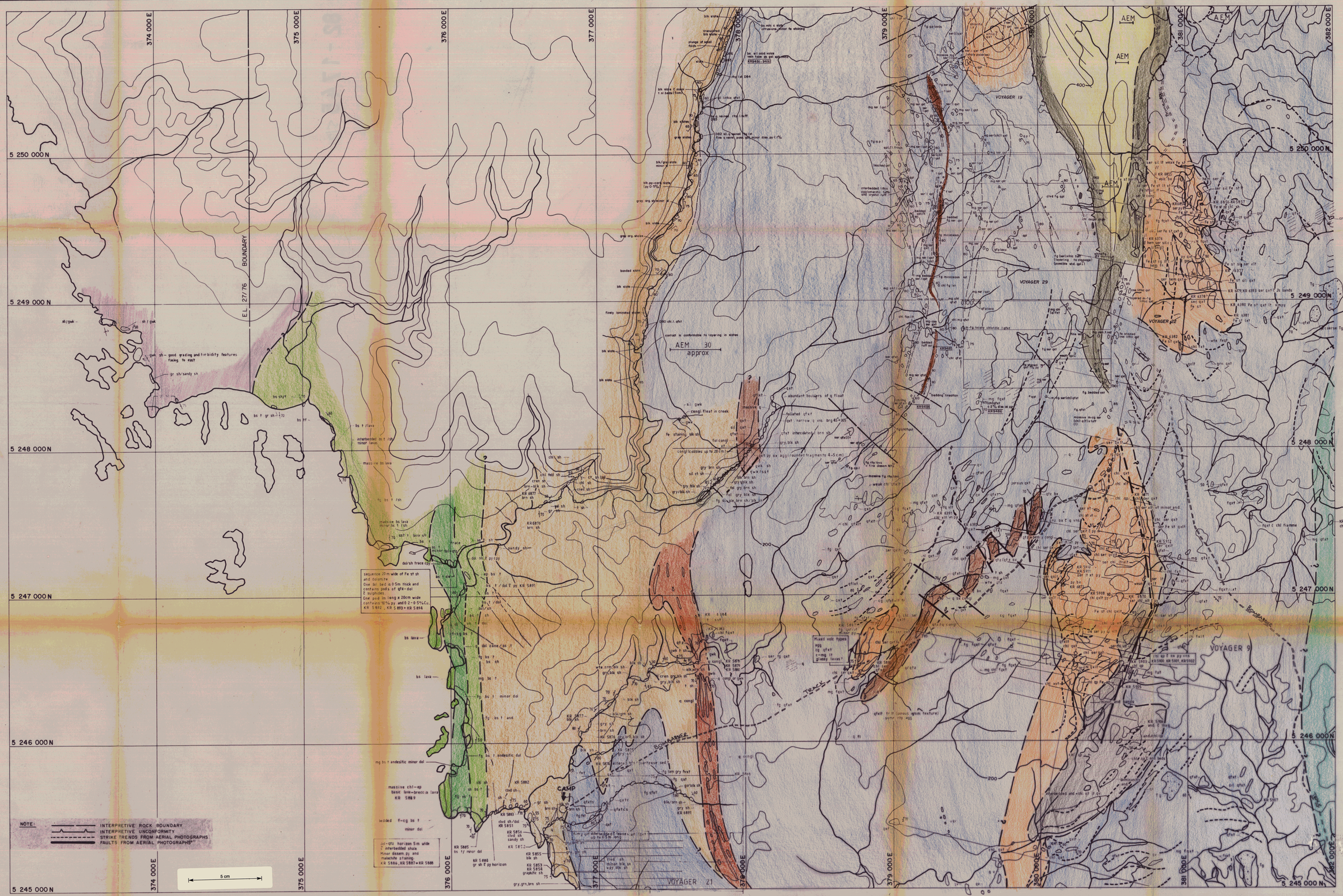

PLAN 65

LEGEND

VOLCANIC ROCKS

SEDIMENTARY ROCKS

METAMORPHIC ROCKS

INTRUSIVE ROCKS

STRUCTURAL AND TEXTURAL

MINERALOGICAL PREFIXES

GRAIN SIZE

AGE DESIGNATION PREFIXES

Qa QUATERNARY alluvium

Tg TERTIARY gravels and unconsolidated sediments

O ORDOVICIAN conglomerate and quartzite

CAMBRIAN

Tyndall Group Carrolines

2 Dundas Group

Grey shales and black shales

Reworked rhyolitic lithic tuffs and agglomerates

Greywackes and shales

3 Mainwaring Group

a Verdun Basic Volcanics

Andesitic to basaltic tuffs, lavas, agglomerates, breccias and tuffaceous shales

Dolomites and dolomitic shales

b Solon Creek Rhyolites

Rhyolitic brown, grey shales, argillites, greywackes and minor black shales

c Pandora Tuffs

Rhyolitic crystal tuffs and minor rhyolitic sediments

d Undifferentiated

Undifferentiated lithologies in the N.W. of map E. include, intermediate to basic volcanics, argillites, conglomerates and tuffs

4 Lewis River Volcanics

a Mort Hill Pyroclastics

Rhyolitic quartz-rich lithic and crystal tuffs, agglomerates, lavas and ignimbrite tuffs

Quartz-pebble conglomerates, quartzites and minor shales

Basic dykes and flows intruding rhyolitic tuffs

Chlorite and/or sericite alteration of acid pyroclastics with 2-5% pyrite

b Wanderer River Tuff

Pink hematitic rhyolitic crystal and lithic tuffs, minor lavas

c Hudson River Pyroclastics

Chloritic quartz feldspar crystal and lithic tuffs pink biotite bearing rhyolite porphyries (lavas?)

Shales, greywackes and fine tuffaceous sediments

d Elliott Point Porphyry

Coarse grained quartz feldspar biotite porphyry probably a sub-volcanic intrusive

e Cambrian Granites

Undifferentiated granite and granite porphyry

PRECAMBRIAN

Undifferentiated quartzites and meta sediments

DATE: Oct. 1980
GEOLOGIST: K.F.
DRAWN: D.B., R.Tog.
CHECKED:

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SCALE: 1:10,000

No. KT27/76-5A

E.L. 27/76
ELLIOTT BAY, TASMANIA
GEOLOGICAL MAP
1981 UPDATE 069

KT27/76-1	KT27/76-2
KT27/76-3	KT27/76-4
KT27/76-5	KT27/76-6
KT27/76-7	KT27/76-8