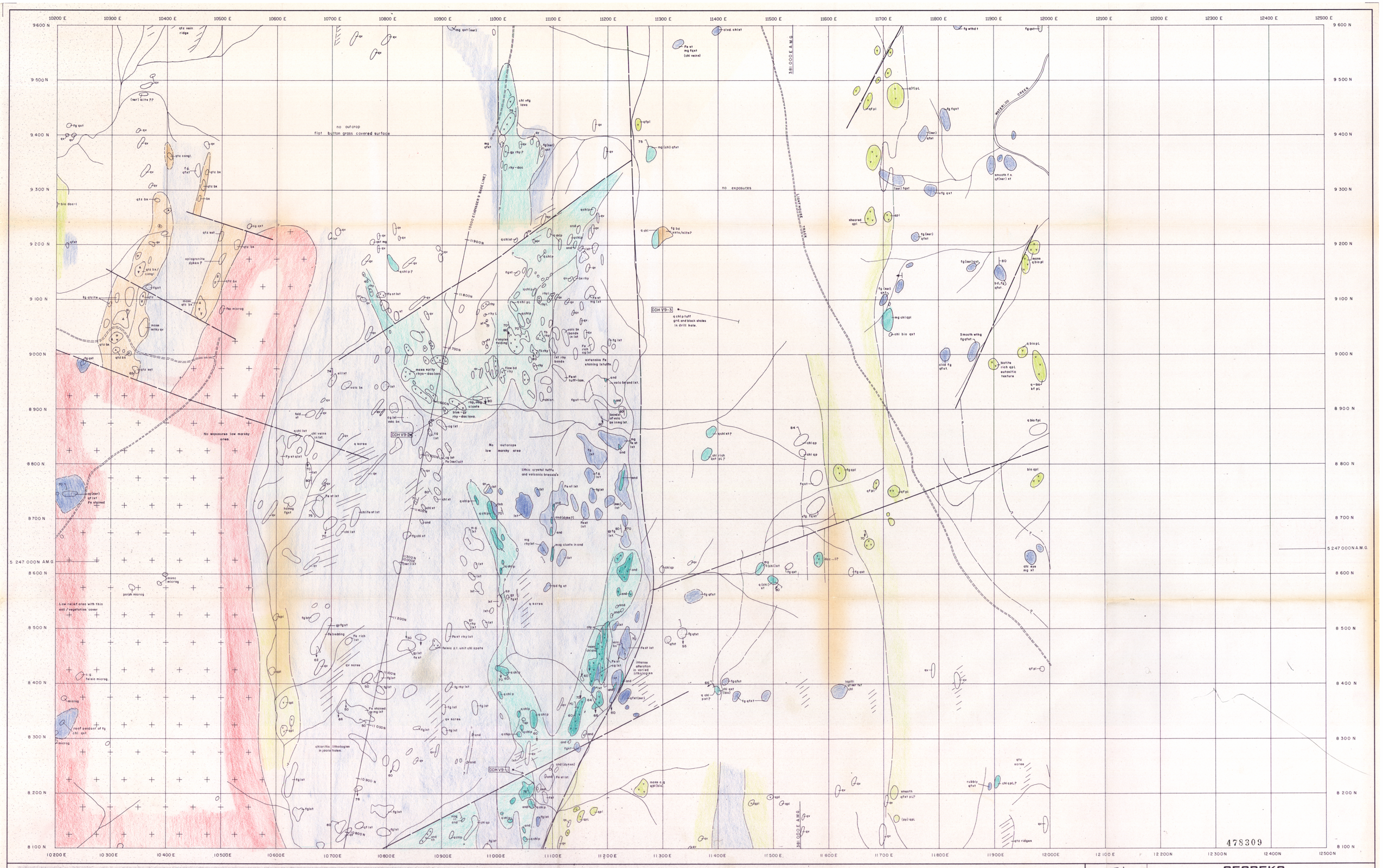


## VOLCANIC ROCKS

lt lithic tuff
vt crystal tuff
vt vitric tuff
xlt crystal lithic tuff
agg agglomerate rounded clasts 32 mm
tf fragmental angular clasts 32 mm
ft fragmental fragmental tuffs
t tuff
qp quartz porphyry
qfp quartz feldspar porphyry
qfpp quartz feldspar biotite porphyry
l as a suffix denotes lava
lap lapilli

PREFIXES (no prefix indicated acid composition)
a acid
i intermediate
rhy rhyolite or rhyolitic
doc dacite or dacitic
and andesite or andesitic
b basalt or basaltic
bas basic

## SEDIMENTARY ROCKS

sh shale
sltst siltstone
shale shale
sst sandstone
qtz quartzite
gwk greywacke
cf chert
lmst limestone
dol dolomite
bx breccia
congl conglomerate
vs volcaniclastic sediment

## METAMORPHIC ROCKS

phy phyllite
sch schist
gns gneiss
sfs serrefefe
mb marble

## INTRUSIVE ROCKS

gr granite
gd granodiorite
ad adamellite
di diorite
lp/porp lamprophyre
bd basic dyke
up ultra
pg pegmatite
qv quartz veins
fsp feldspathic
qfp quartz feldspathic
bi biotite

## STRUCTURAL AND TEXTURAL

p porphyritic
sfol strongly sheared
shd sheared
ov foliated
vesd veined
lam laminated
bx brecciated
brec brecciated
vug vugular (vugh, vug)
gran granulated

## MINERALOGICAL PREFIXES (only use if diagnostic)

sil siliceous
ser sericitic
sec secondary
col calcareous
fe ferruginous
py pyritic
hem, he hematitic
goe goethitic
mg magnetic
org organic
feld feldspathic
qz quartz
bi biotite

py pyrite
cp chalcopyrite
sp sphalerite
chp chalcopyrite

## GRAIN SIZE

fg fine grained 0 — 3mm fragments
mg medium grained 3 — 10mm fragments
cg coarse grained 10 — 32mm fragments
agg agglomerate or > 32
volc. brecc.

## AGE DESIGNATION PREFIXES

Q Quaternary
T Tertiary
J Jurassic
TR Triassic
P Permian
D Devonian
S Silurian
O Ordovician
C Cambrian
PreC Precambrian

## STRUCTURAL

outcrop
float
bedding
strike/dip of flow layering in volcanic rocks
"schistosity/cleavage/metamorphic foliation"
fault
interpretative contact
jointing
cleavage
rock axis
vertical cleavage

Superficial residual quartz rubble
Qa Alluvium
Tg Unconsolidated Tertiary Gravel
Tg Dr division "Owen" conglomerate / quartzite

## CAMBRIAN

### TYNDAL GROUP CORRELATES

3 Grey - black shale/ siltstone
61 Coarse rhyolitic epiclastics & sandstone

### DUNDAS GROUP ?

24 Greywacke, shale

### MAINWARING GROUP

45 Andesitic - basaltic lava, breccia, tuff, tuffaceous shale
46 Dolomitic shale, dolomite

### WESTERN VOLCANO - SEDIMENTARY SEQUENCE

52 Tuffaceous greywacke, ssl, conglomerate
69 Rhyolitic epiclastics
27 Rhyolitic crystal tuff, minor sediment

### WART HILL ACID PYROCLASTICS

48 Rhyolitic qtz. phyric lava
50 Sericitic quartz crystal tuff lithic tuff, rhyolitic agglomerate
46 Chloritic quartz feldspar crystal lithic tuff
41 Variable highly chloritic (altered?) pyroclastics & c.g. lavas
46 Chloritic c.g. quartz phyric lava
47 Fine grained phyric dacite lava
50 Quartz pebble conglomerate, micaceous sandstone, siltstone
65 Pyritic grey - black slate, siltstone

19 STONY CAP. PORPHYNITIC MICROGRANITE

KT 27/76-3 (1:10000)
KT 27/76-5 (1:10000)
WART HILL SERIES

5 cm

GN MN
13°00'

# GEOPEKO

A DIVISION OF PEKO-WALLSEND OPERATIONS LTD.

Scale 1:2500
25 0 25 50 75 100 125 150 175 200 225 250
metres

DRAWING NO. 15
SHEET NO. 5 SE 2 G

Interpreted By: P.A.W
Drawn By: P.R.S
Date: Jun 83
Approved By:
Revision By: Date:
Revision By: Date:
Revision By: Date:

# E.L. 27/76 ELLIOTT BAY, TASMANIA

83-2076

## DETAIL GEOLOGY

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