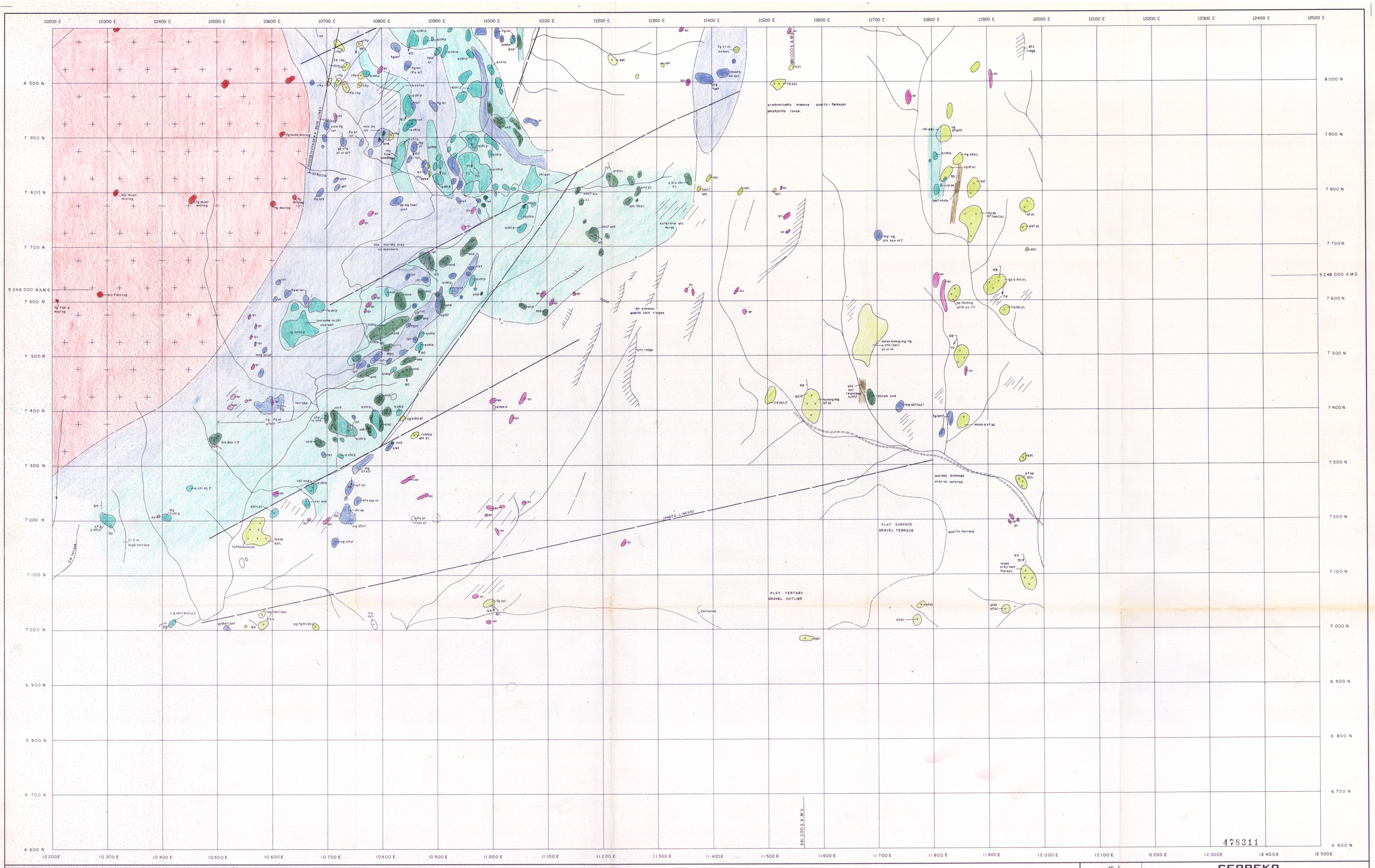

VOLCANIC ROCKS

- lt. lithic tuff
- xl crystal tuff
- vl vitric tuff
- xlt. crystal lithic tuff
- rbg. agglomerate - rounded clasts 32 mm
- fr fragmental, angular clasts 32 mm
- al indifferentiated tuffs
- t. tuff
- qp quartz porphyry
- qfp quartz feldspar porphyry
- qfsp quartz feldspar biotite porphyry
- l qs or suffix denotes lava
- lap lapilli

PREFIXES (no prefix indicates acid composition)

- a acid
- i intermediate
- rhy rhyolite or rhyolitic
- dac dacite or dacitic
- and andesite or andesitic
- b basalt or basaltic
- ba basic

SEDIMENTARY ROCKS

- sh shale
- sl siltstone
- bls black shale
- sd sandstone
- qtz quartzite
- gws greywacke
- ch chert
- lmst limestone
- dol dolomite
- bx breccia
- congl conglomerate
- vs volcaniclastic sediment

METAMORPHIC ROCKS

- phy phyllite
- sch schist
- gns gneiss
- hfs hornfels
- mb marble

INTRUSIVE ROCKS

- gr granite
- gd granodiorite
- ad adamellite
- dl diorite
- lp/lamp lamprophyre
- bd basic dyke
- op opite
- pg pegmatite
- qv quartz veins

STRUCTURAL AND TEXTURAL

- p porphyritic
- clvd strongly cleaved
- shd sheared
- ox oxidized
- vns veined
- lam laminated
- bx brecciated
- vbx volcanic
- vug vugular (vughy, vug)
- cran. cranulated

MINERALOGICAL PREFIXES (only use if diagnostic)

- sil siliceous
- ser sericitic
- chl chloritic
- cal calcareous
- fe ferruginous
- py pyritic
- hem, he hematitic
- gms gossanous
- org organic
- ong organic
- fsp feldspathic
- ep epidote
- bi biotite

GRAIN SIZE

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

AGE DESIGNATION PREFIXES

- Q Quaternary
- T Tertiary
- J Jurassic
- TR Triassic
- P Permian
- D Devonian
- S Silurian
- O Ordovician
- Є Cambrian
- PЄ Precambrian

STRUCTURAL

- outcrop
- float
- bedding
- strike/dip of flow layering in volcanic rocks "schistosity (metamorphic foliation)
- fault
- interpretive contact
- jointing
- cleavage
- fold axis
- vertical sleeveage

Superficial residual quartz rubble

Qa Alluvium

Tg Unconsolidated Tertiary Gravel

16 O. Ordovician "Owen" conglomerate/quartzite

CAMBRIAN

TYNDAL GROUP CORRELATES

3 Grey-black shale/siltstone

51 Coarse rhyolitic epiclastics & sandstone

DUNDAS GROUP?

58 Greywacke, shale

MAINWARING GROUP

62 Andesitic - basaltic lava, breccia tuff, tuffaceous shale

46 Dolomitic shale, dolomite

WESTERN VOLCANO - SEDIMENTARY SEQUENCE

59 Tuffaceous greywacke, sst, conglomerate

Rhyolitic epiclastics

63 Argillaceous phyllite, siltstone, black slate

37 "Pandora Tuffs" Rhyolitic crystal tuff, minor sediment

WART HILL ACID PYROCLASTICS

49 Rhyolitic qtz phyric lava

50 Sericitic quartz crystal tuff lithic tuff, rhyolitic agglomerate

44 Chloritic, quartz feldspar crystal lithic tuff

48 Variable highly chloritic (altered?) pyroclastics & f.g. lavas

46 Chloritic e.g. quartz phyric lava

47 Fine grained phyric dacite lava

60 Quartz pebble conglomerate, micaceous sandstone, siltstone

65 Pyritic grey-black slate, siltstone

19 STONY CRK. PORPHYRITIC MICROGRANITE

KT 27/76-3 (1:10000)

KT 27/76-5 (1:10000)

WART HILL SERIES

5 cm

GN MN

13°00'

Interpreted By: P.A.W.	
Drawn By: M.v.d.S.	
Date: Jun 83	
Approved By:	Date:
Revision By:	Date:
Revision By:	Date:
Revision By:	Date:

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. 17

SHEET NO. 5SE4-G

E.L. 27/76 ELLIOTT BAY, TASMANIA

83-2076

DETAIL GEOLOGY

990