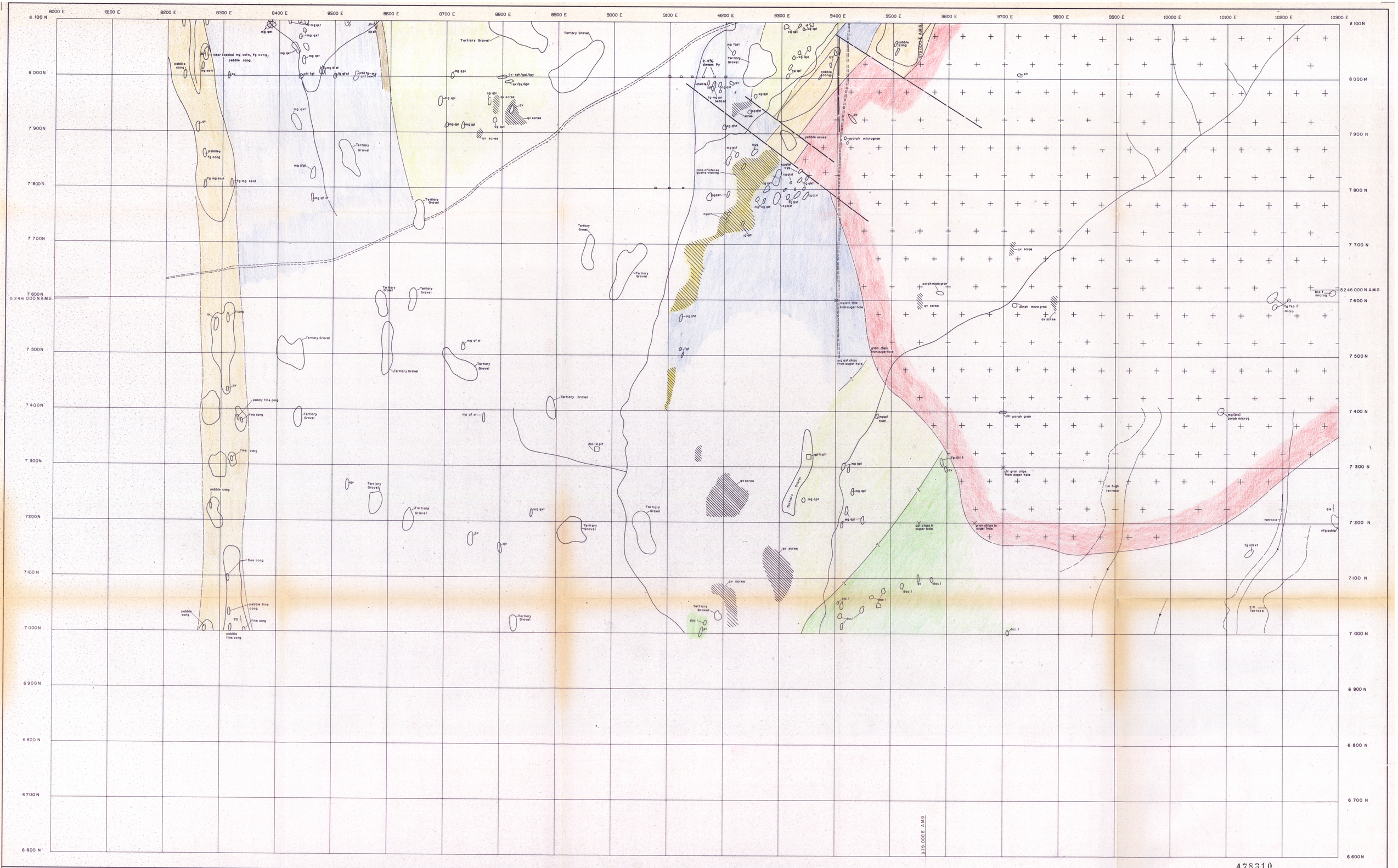


VOLCANIC ROCKS

lt	lithic tuff
vt	crystal tuff
vt	vitric tuff
clt	crystal lithic tuff
agg	agglomerate (rounded clasts 32 mm
fc	fragmental (angular clasts 32 mm
xf	undifferentiated tuffs
t	tuff
qp	quartz porphyry
qfp	quartz feldspar porphyry
pfp	quartz feldspar biotite porphyry
r	as a suffix denotes lava
lap	lapilli

PREFIXES (no prefix indicates acid composition)

a	acid
i	intermediate
rhy	rhyolite or rhyolitic
doc	dacite or dacitic
bas	basalt or basaltic
b	basaltic or basaltic
ba	basic

SEDIMENTARY ROCKS

sh	shale
si	siltstone
bksh	blackshale
sst	sandstone
qtz	quartzite
gwk	greywacke
ch	chert
lmst	limestone
dol	dolomite
cong	conglomerate
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	dolerite
lp/porp	lamprophyre
bd	basic dyke
dp	dolite
pg	pegmatite
qv	quartz veins

STRUCTURAL AND TEXTURAL

p	porphyritic
cfol	strongly cleaved
shd	sheared
sd	sodized
vns	veined
lam	laminated
bx	brecciated
ch	chloritic
vug	vugular (vugs, vug)
cren	crenulated

MINERALOGICAL PREFIXES
(only use if diagnostic)

sil	siliceous	py	pyrite
chl	chloritic	pp	pyrrhotite
ser	sericitic	sp	sphalerite
cal	calcareous	ch	chlorite
fe	ferruginous	cp	chalcopyrite
py	pyritic		
hem, hm	hematitic		
gnas	gneissose		
lim	limonitic		
leuc	leucoxene		
feld	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 – 30 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
Pre Є	Precambrian

STRUCTURAL

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

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 ?

25 Greywacke, shale

MAINWARING GROUP

45 Andesitic - basaltic lava, breccia, tuff, tuffaceous shale

46 Dolomitic shale, dolomite

WESTERN VOLCANO - SEDIMENTARY SEQUENCE

58 Tuffaceous greywacke, sst, conglomerate Rhyolitic epiclastics

69 Siliciclastic pelite, siltstone, black shale

27 "Tender's Tuffs" Rhyolitic crystal tuff, minor sediment

WART HILL BOID PYROCLASTICS

48 Rhyolitic qtz. phyric lava

52 Sericitic quartz crystal tuff lithic tuff, rhyolitic agglomerate

44 Chloritic quartz feldspar crystal lithic tuff

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

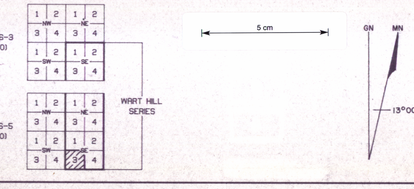
45 Chloritic e.g. quartz phyric lava

53 Fine grained phyric dacite lava

57 Quartz pebble conglomerate, micaceous sandstone, siltstone

60 Pyritic grey - black shale, siltstone

19 STONY CRK PORPHYRITIC MICROGRANITE



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. 16

SHEET NO. 5 SE3 9

Interpreted By: R.J.P.

Drawn By: P.R.S. M.v.d.S.

Date: 2/6/1983

Approved By: [illegible]

Revision By: Date:

Revision By: Date:

Revision By: Date:

E.L. 27/76 ELLIOTT BAY, TASMANIA

83-2076

DETAIL GEOLOGY

989