DDH V9-2 : sequence of vitroc-crystal-lithic tuffs and porphyritic rhyolites with basal int volcaniclastic breccias and chlorite veining. Mt.-py-rare cpy assoc. with chlorite veining.

DDH V9-3 : 13 thin interbedded bleeds shale units to drill IP anomaly are attributed.

ACH V9-1 : 60m. Sericitic "silicified" tuffs with dissem. Pyrite upto 15%, Veins and dissem. blebs of magnetite. 55-60 mi Magnetite in conformable bands. Cu-Pb-Zn values < 200 ppm.

KT 27/76-9 (1:10000)

KT 27/76-6 (1:10000)

WART HILL SERIES

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.
SHEET NO. 5 SE 2 G

Interpreted By P.L.W.
Drawn By M.J.S.
Date Jun 83
Approved By
Revision By Date
Revision By Date
Revision By Date

E.L. 27/76 ELLIOTT BAY, TASMANIA

DETAIL GEOLOGY

83-2076 9

83_2076b.

5 cm

9 400 E | 9 500 E | 379 000mE AMG | 9 600 E | 9 700 E | 9 800 E | 9 900 E | 10 000 E | 10 100 E | 10 200 E | 10 300 E | 10 400 E | 10 500 E | 10 600 E | 10 700 E | 10 800 E | 10 900 E | 11 000 E

13 800 N | 13 700 N | 13 600 N | 13 500 N | 13 400 N | 13 300 N | 13 200 N | 13 100 N | 13 000 N | 12 900 N | 12 800 N | 12 700 N | 12 600 N | 12 500 N | 12 400 N | 12 300 N | 12 200 N | 12 100 N | 12 000 N | 11 900 N | 11 800 N | 11 700 N | 11 600 N

5 251 000mN AMG

LEGEND:

- Grid Position
- Power Auger Hole (Jacro)
- Hand Auger Hole
- Power Hand Auger. (Mate)

Cu — x
Pb — 55
Zn — 160
Original Sample

Sample Position

Cu — x
Pb — 55
Zn — 140
Duplicate Sample

NOTE: All values in ppm

CONTOUR INTERVAL

Pencil No:

- 100 ppm
- 200 ppm
- 400 ppm
- 800 ppm
- 1600 ppm

GN MN 13°00'

UPDATED MAY 1983
DATE FEB 1981
UPDATED MAY 1982
GEOLOGIST W.H.
DRAWN R.TOGNONI M.vdS.
CHECKED

GEOPEKO
DEVONPORT BASE, TASMANIA

0 50 150 200 250 300
SCALE 1:2 500

No. T.S 27/76-V19-11

E.L. 27/76 ELLIOTT BAY, TASMANIA
VOYAGER 19
C-HORIZON GEOCHEMISTRY RESULTS
LEAD CONTOURS

PLAN 21

83_2076c

5 cm

9400E 9500E 9600E 9700E 9800E 9900E 10000E 10100E 10200E 10300E 10400E 10500E 10600E 10700E 10800E 10900E 11000E

379 000mE AMG

13800N 13700N 13600N 13500N 13400N 13300N 13200N 13100N 13000N 12900N 12800N 12700N 12600N 12500N 12400N 12300N 12200N 12100N 12000N 11900N 11800N 11700N 11600N

5 251 000mN AMG

LEGEND:

- Grid Position
- Power Auger Hole (Jacro)
- Hand Auger Hole
- Power Hand Auger. (Mate)

Cu — x
Pb — 55
Zn — 160
Original Sample

Sample Position

Cu — x
Pb — 55
Zn — 140
Duplicate Sample

NOTE: All values in ppm

CONTOUR INTERVAL

100 ppm
200
400
800
1600

GN MN
19°00'

UPDATED MAY 1983
DATE: FEB 1981
UPDATED MAY 1982
GEOLOGIST W.H.
DRAWN: R.TOGNONI
CHECKED

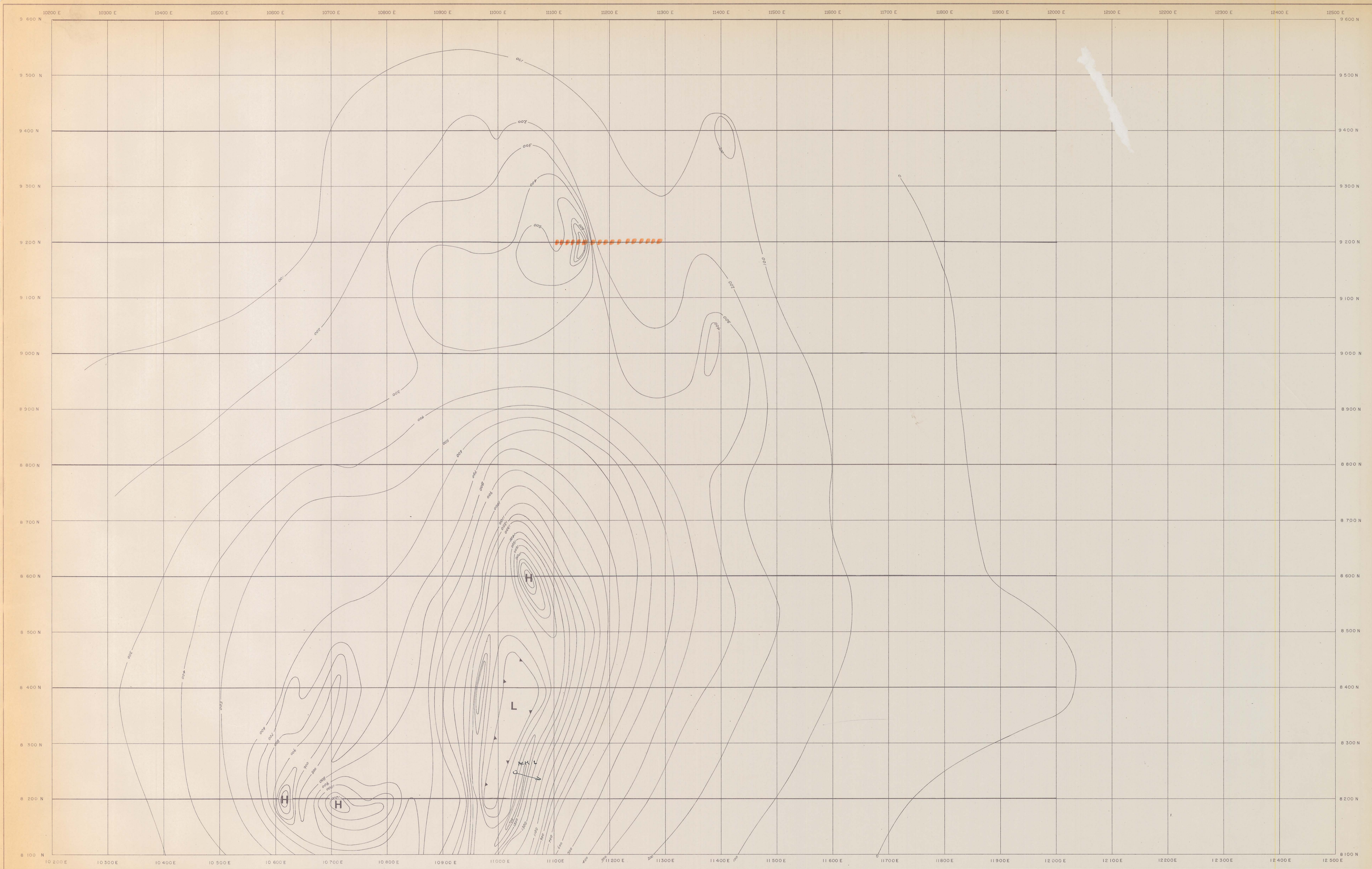
GEOPEKO
DEVONPORT BASE, TASMANIA

SCALE 1:2 500

No T.S 27/76-V19-7

E.L.27/76 ELLIOTT BAY, TASMANIA
VOYAGER 19
C-HORIZON GEOCHEMISTRY RESULTS
Cu, Pb, Zn Results

PLAN 22



KT 27/76-3 (1:10000)

KT 27/76-5 (1:10000)

1	2	1	2
NW		NE	
3	4	3	4
1	2	1	2
SW		SE	
3	4	3	4

WART HILL SERIES

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.

SHEET NO. 5 SE 2 –

Interpreted By:	R.R.L.
Drawn By:	M.v.d.S.
Date:	11-5-83
Approved By:	
Revision By:	Date:
Revision By:	Date:
Revision By:	Date:

E.L. 27/76 ELLIOTT BAY, TASMANIA

CONTOURS OF TOTAL MAGNETIC INTENSITY

CONTOUR INTERVAL 100 nT

DATUM = 62 900 nT

5 cm

83-20769

5 cm

83_2076e

To be replaced in text No 6. Library Copy

VOYAGER 29 Geology

fg. tuffaceous sst and sl
mg. chl f qxt
mg. ser(f) qxt
fg. clvd qpl
mg. ser qxt
ser f qxt
mg. ser f qxt
mg ser qxt
weath. chl qf xt
chl chips
tuffaceous sst
ser f qxt
mg. ser f qxt
mg. ser qxt
fg. micaceous sst and f-sst
mg. chl (f) qxt
fg. ser qxt
(contact strikes 010°)
mg. ser qxt
fg. micaceous sst
clvd qpl
fg. micaceous, tuffaceous sst with minor carb sl
rhy qf pl
rhy qpl
clvd qpl
D68
rhy qfpl
fg. micaceous sst
fg. chl qxlt
fg. (chl) qxlt
facing: West
chl f (q) xt trace ox py
mg. chl qf xt
mg. ser f qxt
rhy qfp l
COSTEAN 4
Disseminated galena in pyritic qtz. veins & f. sst. Upto 880 ppm Pb 400 ppm Zn.
Zone of ↑ scale Chargeability. ≡ coincident gravity anomaly.
mg. chl qf xt
mg ser qxt
COSTEAN 3
- low Pb-Zn. in chloritic qxt.
Surface leaching?
5 m. spaced Geochem: failed to confirm Anomaly.
mg. cg. locally chloritic
cg. chl qf lxt (extremely flattened frags)
fg. ser tuff
COSTEAN 2
qxt ≡ upto 10% disem Pyrite.
Streaky galena 10250-10352 E.
1 m. @ 0.5% Pb 0.26/% Zn 65 gm/t Ag.
PIT 2.
Pyritic qxt.
upto 1900 ppm Pb, 615 ppm Zn.
fg ser qxt
fg qxt?
5 m. Spaced Geochem. Augering
- failed to confirm 3.2% Zn Anomaly.
- upto 1600 ppm Zn.
fg. micaceous sst
chl qf xt
chl q xlt
chl f g. xlt
"rodding lineation plunge 55°-200°"
PIT 1
Sericitic qxt ≡ shaly tuff fragments
upto 945 ppm Pb
1400 ppm Zn.
weath. rhy qpl
fe. stained pyritic qxt 1% py
mg. ser qxt
COSTEAN 1.
0.3 m. thick chloritic shaly tuff ≡ disem. py-gal.
1 m. 0.1% Pb
1.1% Zn
(NO IP response)
fg. qxt
≈073 mg. ser (chl) qf xt
074 KR9486 (chl) qf xt 2% diss ox py
fg. white qtx sst
chips: blk carb sl/shale
chips: ser qxt 1% diss py
D69
mg. white sst
cg. tuff sst
"ladder" qtz veins (2cm)
cg. pebbly f tuffaceous sst
mg. ser qxt
D71
mg. chl f (q) x t
fg. qtz sst
mg. layered ser qxt
fe stained l qxt
fg. qtz sst
fg. bedded qtz sst
fg. qf xt
D73
massive m-cg ser (chl) qf xt
m-cg. tuffaceous sst
(vertical)
fg. clvd rhy qpl
mg. ser qxt
rhy qxt
clvd rhy qpl
fg. ser vitric? tuff
fg. layered vitric f (bedding // cleavage)
shallow strong? (high amplitude) conductor ~ 50m
Nothing on 11700mN
Nothing

11 700mN
11 600mN
11 500mN
11 400mN
11 300mN
11 200mN
11 100mN
11 000mN
10 900mN
10 800mN
10 700mN
10 600mN
10 500mN
10 400mN
10 300mN
10 200mN
10 100mN
10 000mN
9 900mN
9 800mN
9 700mN
5 250 000mN AMG
9 700mE
9 800mE
9 900mE
10 000mE
10 100mE
10 200mE
10 300mE
10 400mE
10 500mE
380 000mE AMG
10 600mE
10 700mE
10 800mE
10 900mE
11 000mE
11 100mE

LEGEND:

- fine grained qtz. sandstone, pebbly 'reworked' tuffaceous sandstone/ siltstone and shale — TYNDAL GROUP CORRELATES
- quartz outcrop
- surface rubble, white vein quartz
- fine grained, micaceous quartz sandstone minor tuffaceous sandstone, siltstone
- rhyolitic - dacitic, chloritic qtz-feldspar crystal and lithic-crystal tuffs
- rhyolitic, sericitic qtz crystal and crystal-lithic tuffs
- rhyolitic quartz-feldspar porphyritic extrusive
- rhyolitic fine grained (laminated) vitric tuffs — PYROCLASTICS

NOTE:
BOMBARDIER TRACK

GN MN
13°00'

GEOPEKO
A DIVISION OF PEKO-WALLSEND OPERATIONS LTD.
SCALE: 1:2500
No TS27/76-V29-2
DATE: APRIL 1981
GEOLOGIST: W.H
DRAWN: R.TOGNONI
CHECKED:

E.L27/76 ELLIOTT BAY, TASMANIA
VOYAGER 29
GEOLOGICAL PLAN

PLAN-52
Text No 6

83_2076 f

7 000mE | 8 000mE | 9 000mE | 10 000mE | 11 000mE | 12 000mE | 13 000mE

15 000mN

14 000mN

13 000mN

12 000mN

11 000mN

10 000mN

9 000mN

8 000mN

7 000mN

6 000mN

V33

V31

V19

V34

V29 West

V29

V22

V24

V9

V30

LEGEND:

- Existing Grid
- Proposed Gridding
- I.P. Coverage (dipole-dipole)

C-Horizon Soil Geochemistry

- Copper > 100ppm
- Lead > 400ppm
- Zinc > 400ppm
- Silver > 5ppm
- Gold > 100ppm

Magnetic Contours 200nT interval

100 0 200 400 600 800 1000 metres
100 300 500 700 900

SCALE 1:10 000

GEOPEKO

A DIVISION OF PEKO-WALLSEND OPERATIONS LTD — DEVONPORT

E.L. 27/76 ELLIOTT BAY, TASMANIA

WART HILL PYROCLASTICS

GRID LOCATIONS

DATE: 4/1/83	GEOL: P. Wilson	DRAWN: R. Tog.	CHKD:	PLAN No:

83_2076 g

5 cm

E.L27/76 ELLIOTT BAY, TASMANIA
VOYAGER 19
GEOLOGICAL PLAN

GEOPEKO
A DIVISION OF PEKO-WALLSEND OPERATIONS LTD.

SCALE: 1:2 500

No. TS.27/76-V19-2.

DATE: FEB. 1981 (UPDATE 20/5/82)
GEOL: W. HERRMANN
DRAWN: R. TOGNONI
CHECKED:

LEGEND:

- lithic (pebbly, reworked) tuff.
- medium-course grained tuffaceous sandstone.
- fine grained, generally pyritic, carbonaceous, siltstone/shale.
- quartz vein outcrop.
- surface rubble, white vein quartz.

TYNDAL GROUP CORRELATES

- "chloritic" quartz-feldspar crystal tuff, commonly lithic or with course lithic bands
- "sericitic" quartz crystal tuffs / lithic quartz crystal tuffs.
- fine grained quartz (feldspar-biotite) porphyritic extrusives; possible intrusives?

WART HILL PYROCLASTICS

- fine-medium grained laminated micaceous sandstone, tuffaceous sandstone, minor carbonaceous siltstone.
- (thinly laminated) siliceous vitric-quartz crystal tuff.
- fine-medium grained "chloritic" tuff commonly coarse lithic fragments, generally minor quartz crystal component.

WART HILL PYROCLASTICS OF LEWIS RIVER VOLCANICS

STRUCURAL:

- layering (or bedding)
- cleavage
- flow layering (extrusive)
- plunge of lineation
- possible unconformity
- inferred fault
- geological contact, mapped or inferred (?)
- drainage channel

GN MN 13°00'

zone of strong Fe staining D26 specimen locality KR9471 Assay sample locality

RELICS OF OLD CAMPSITE.

83_2076h

TS 27/76 - 3/5 - 2

TS 27/76 - 3

TS 27/76 - 5

9 300E

11 500E

11 300E

14 600 N
14 200 N
13 800 N
13 400N
13 000 N
12 600 N
12 200 N
11 800 N
11 400 N
11 000 N
10 600 N
10 200 N
9 800 N
9 400 N
9 000 N
8 600 N
8 200 N
7 800 N
7 400 N
7 000 N

(Single set ups over 9400E.)

Base Line 10 000E

GN MN 13°00'

GEOPEKO
A DIVISION OF PEKO-WALLSEND OPERATIONS LTD

Scale 1:10 000
100 0 100 200 300 400 500 600 700 800 900 1000
metres

DRAWING NO.
SHEET NO. 3/5 - 2

Interpreted By:
Drawn By:
Date:
Approved By:
Revision By: Date:
Revision By: Date:
Revision By: Date:

E.L. 27/76 ELLIOTT BAY, TASMANIA

PSEUDOSECTION OF DIPOLE - DIPOLE
APPARENT CHARGEABILITY

5 cm

83-2076 i

TS 27/76-3/5-1

9 300E

11 500E

14 600N

14 200N

13 800N

13 000N

12 600N

12 200N

11 800N

11 400N

11 300E

11 000N

10 600N

10 200N

9 800N

9 400N

9 000N

8 600N

8 200N

7 800N

7 400N

7 000N

Base Line 10 000E

GN MN

13°00'

GEOPEKO

A DIVISION OF PEKO-WALLSEND OPERATIONS LTD

Scale 1:10 000

100 0 100 200 300 400 500 600 700 800 900 1000

metres

DRAWING NO.

SHEET NO.

Interpreted By:

Drawn By:

Date:

Approved By:

Revision By: Date:

Revision By: Date:

Revision By: Date:

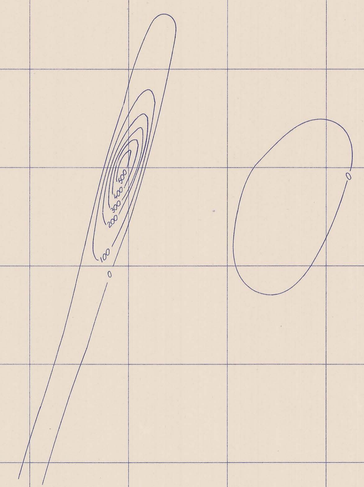
E.L. 27/76 ELLIOTT BAY, TASMANIA

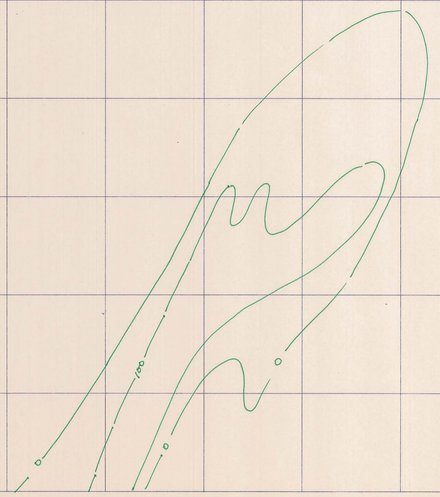
PSEUDOSECTION OF DIPOLE-DIPOLE APPARENT RESISTIVITY

W

8 000 E 8 100 E 8 200 E 8 300 E 8 400 E 8 500 E 8 600 E 8 700 E 8 800 E 8 900 E 9 000 E 9 100 E 9 200 E 9 300 E 9 400 E 9 500 E 9 600 E 9 700 E 9 800 E 9 900 E 10 000 E 10 100 E 10 200 E 10 300 E

9 600 N
9 500 N
9 400 N
9 300 N
9 200 N
9 100 N
9 000 N
8 900 N
8 800 N
8 700 N
8 600 N
8 500 N
8 400 N
8 300 N
8 200 N
8 100 N





5 cm

Note:
No drift corrections have been applied, error attributable to this estimated at <15nT.
Instrument :- G-816
Observer :- D Webb, T Goff

KT 27/76-3 (1:10000)

KT 27/76-5 (1:10000)

WART HILL SERIES

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.
SHEET NO. 5 SE I -

Interpreted By: R.R.L.
Drawn By: P.R.S.
Date: 11-5-83
Approved By:
Revision By: Date:
Revision By: Date:
Revision By: Date:

E.L.27/76 ELLIOTT BAY, TASMANIA

CONTOURS OF TOTAL MAGNETIC INTENSITY
CONTOUR INTERVAL 100nT
DATUM = 62 900 nT

83-2076

10 200 E 10 300 E 10 400 E 10 500 E 10 600 E 10 700 E 10 800 E 10 900 E 11 000 E 11 100 E 11 200 E 11 300 E 11 400 E 11 500 E 11 600 E 11 700 E 11 800 E 11 900 E 12 000 E 12 100 E 12 200 E 12 300 E 12 400 E 12500E

11 100 N
11 000 N
10 900 N
10 800 N
10 700 N
5 249 000 N A.M.G.
10 600 N
10 500 N
10 400 N
10 300 N
10 200 N
10 100 N
10 000 N
9 900 N
9 800 N
9 700 N
9 600 N

381 000 E A.M.G.

Flat lying area of quartz scree with terraces.

qv
fg(ser)fgpt
vesicular qser)pt.
rclvd (ser)silts
qtz scree
terrace
mg qfx lit
mg qfxt
fg(ser) buff qxt
mg c lxt
fgqxt
mmg qxt
fgqfxt
moss qpt
mg qfxt
fgqmqf
fg qxt
vfg dvd silts
vfg qxt
qtz ridge
inclined veins
qtz vein ridge

70
80
85

KT 27/76-3 (1:10000)

KT 27/76-5 (1:10000)

WART HILL SERIES

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.
SHEET NO. 9 NE 4

Interpreted By P.L.A.
Drawn By M.J.C.
Date
Approved By
Revision By Date
Revision By Date
Revision By Date

E.L. 27/76 ELLIOTT BAY, TASMANIA

DETAIL GEOLOGY

5cm

83-2076-K

8000 E 8100 E 8200 E 8300 E 8400 E 8500 E 8600 E 8700 E 8800 E 8900 E 9000 E 9100 E 9200 E 9300 E 9400 E 9500 E 9600 E 9700 E 9800 E 9900 E 10000 E 10100 E 10200 E 10300 E

8 100 N 8 000 N 7 900 N 7 800 N 7 700 N 7 600 N 7 500 N 7 400 N 7 300 N 7 200 N 7 100 N 7 000 N 6 900 N 6 800 N 6 700 N 6 600 N

5246 000 N.A.M.G.

2260 ppb Au

Dyke exposed 20 cm. qtz vein + gal-sphalerite
upto 2.82% Pb
7.75% Zn
100 ppm Ag

Pits m/ 1cm qtz (Au?)

cosmos: 1m qtz-sulphide veins in chloritized granite

1M porph gran upto: 430 ppm Cu, 125 Pb, 70 Zn, .003 Au, 1 Ag, 36% Fe in 2m Sample.

1m high terrace

2m terrace

5246 000 N.A.M.G.

3179 000E A.M.G.

KT 27/76-3 (1:10000)

KT 27/76-5 (1:10000)

WART HILL SERIES

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.

SHEET NO. 5 SE3 9

Interpreted By: R.J.P.
Drawn By: P.R.S. M.vdS
Date: 2/6/1983
Approved By:
Revision By: Date:
Revision By: Date:
Revision By: Date:

E.L. 27/76 ELLIOTT BAY, TASMANIA

DETAIL GEOLOGY

83-207 6 1

83_2076 m

5 cm

14 700N
14 600N
14 500N
14 400N
14 300N
14 200N
14 100N
14 000N
13 900N
13 800N
13 700N
13 600N
13 500N
13 400N
13 300N
13 200N
13 100N
13 000N
12 900N
12 800N
12 700N
12 600N

5 253 000N A.M.G.
5 252 000N A.M.G.

10 900E
11 000E
11 100E
11 200E
11 300E
11 400E
11 500E
11 600E
11 700E
11 800E
11 900E
12 000E
12 100E
12 200E
12 300E
12 400E
12 500E

381 000E A.M.G.
384 000E A.M.G.

To Moores Valley

Tg

weath mg qfxt
mg ser qfxt
reworked qxt
weath qxt/qpl
very chl. mg. qxt
mg chl qfxlt
mg ser qfxt
jasper in qtz
qfxlt
+slt
Bauera Banksia + Low Eucalypt scrub
Fe stain weath. qpl or qxt
Low Banksia scrub
Eucalypt forest
qpl
Low Swampy Button Grass, Heath + Banksia
To sst + cong Tyndal - reworked
mg ser qfxt
fg xt or fslt
Eucalypt Thicket
Teana flat lying Pre Camb q pebbles up to 40cm + Silica cement
mg qxt
f-mg qfxlt
Fe stain qpl
f-mg qfxt
qfxt
Eucalyptus scrub
Swampy Area
Low Scrub
weath qfxt
fg ser qxt
brec.
R.C. chl. clay
mg qxt
very chl f-mg qfxt trail py
brec. qxt
qpl
qpl ropy
m-cg qtxt
ser + py box-works
70°
mg ser qfxt
gossanous
qpl
py box-works
sil. qfpl or sil. xt
Fe as vn + diss.
ser/py alt
Fe vn.
qpl
mg ser qfxlt
R.C. chl qfxt
fg. chl laths welded?
+ q gravel
mg qxt
mg ser qfxt
mg qfxt
Fe stain
mg qfxt
1+ rhy lava clasts
mg qfxt
py boxwork
R.C. chl. trace py
mg ser qxt
qfpl
Swampy Ground
Fe stain
fg. vf + mg qfxt with + brec. qpl
q mica l
0 mg ser qxt
qfpl
flow banding
fg vf/l brec. qfxt
mg qfxt
R.C. pyritic chl qxt
R.C. chl Fe stain qfxt
fg ser qxt
qfpl pink f.
flow band
sil qfpl
Eucalypt Scrub
mg qf mica l
folded reworked vng. ser qfxt.
brec. pl
qfpl
flow banding
afbpl
R.C. chl xt
T. cong
mg qfxlt
Fe stain gossanous
mg chl qfxt
qbpl
flow banded
mg sil + ser qxt
mg qxt
grey f-mg qfxt
Eucalyptus Forest up Valley
red soil
mg qxlt
flow banded
mg qfpl
c-mg lqxt
f-mg qfxt
Low-lying Swampy Area
mg ser qfxt subhedral qx
0 dark altered flakes → biotite?
qbpl
weath. mg qfxt
f-mg qxt
R.C. f-mg qxt
chl. alt qfxt
mg chl qfxt
zones of chl alt
mg chl qfpl
red-brwn alt mg qxt
intense sil qpl + xt
tuff sst
mg ser qxlt
flow Banded
mg ser qfxt
0 fg black specks in green glassey grnd mass
mg chl qfxf
mg qxlt
qfpl
brec.
fg qfxt
qfxlt (rhy ash)
mg qb lava
tuff sst.
a vn strike 30°→90°
R.C. blk. sh.
R.C. f-mg qxt
R.C. q mica lava
Old track
Main track south from Moores Valley

KT 27/76-3 (1:10000)
KT 27/76-5 (1:10000)
NW NE SW SE
WART HILL SERIES

GN MN 13°00'

Interpreted By: J.P
Drawn By: R.Tog
Date: 2 June 83
Approved By:
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.
SHEET NO. 3SE4-G

E.L. 27/76 ELLIOTT BAY, TASMANIA

DETAIL GEOLOGY

8000 E 8100 E 8200 E 8300 E 8400 E 8500 E 8600 E 8700 E 8800 E 8900 E 9000 E 9100 E 9200 E 9300 E 9400 E 9500 E 9600 E 9700 E 9800 E 9900 E 10000 E 10100 E 10200 E 10300 E

8 100 N
8 000 N
7 900 N
7 800 N
7 700 N
7600 N
7 500 N
7 400 N
7 300 N
7 200 N
7 100 N
7 000 N
6 900 N
6 800 N
6 700 N
6 600 N

5246 000N AMG

5246 000N AMG

379 000E AMG

379000E AMG

8000E 8100 E 8200 E 8300 E 8400 E 8500 E 8600 E 8700 E 8800 E 8900 E 9 000 E 9 100 E 9 200 E 9 300 E 9400 E 9500 E 9600 E 9700 E 9800 E 9900 E 10 000 E 10 100 E 10 200 E 10 300 E

5 cm

o Grid position
Mate auger hole
Power auger (Jacro)
B.L. Base line

Sample position

30	Cu	ppm
145	Pb	ppm
230	Zn	ppm
0·60	Fe	%
1	Ag	ppm
1·5	As	ppm
20	Sn	ppm
30	W	ppm
10	As	ppm

X Sample below level of detection
NS No sample
— No analytical result.

CONTOUR INTERVAL ppm

Pencil No			
19–33	100–199	19–10	800–1599
19–46	200–399	19–14	1600 >
19–6	400–799		

KT 27/76-3 (1:10000)

KT 27/76-5 (1:10000)

NW NE SW SE

WART HILL SERIES

GN MN 13°00'

Interpreted By:
Drawn By: M.W.S.
Date: SEPT 83
Approved By: A.R.K.
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.

SHEET NO. 5 SE3-

E.L.27/76 ELLIOTT BAY, TASMANIA

C-HORIZON GEOCHEM RESULTS

83-207 A

5 cm

83_2076 0

TS 27/76-V33-4
VOYAGER 33
SAMPLE LOCATIONS

8 500mE | 8 600mE | 8 700mE | 8 800mE | 8 900mE | 9 000mE | 378 000mE A.M.G | 9 100mE | 9 200mE | 9 300mE | 9 400mE | 9 500mE | 9 600mE | 9 700mE | 9 800mE | 9 900mE | 10 000mE | 10 100mE

15 300mN
15 200mN
15 100mN
15 000mN
14 900mN
14 800mN
14 700mN
5 253 000mN A.M.G
14 600mN
14 500mN
14 400mN
14 300mN
14 200mN
14 100mN
14 000mN
13 900mN
13 800mN
13 700mN
13 600mN
13 500mN
13 400mN
13 300mN

16473 16472 16470,71 16469 16468 16467 16466 16465 16464 16463 16462 16460,61 16459 16458 16457 16456 16455 16454 16453 16450,51 16449 16448 16447 16446 16474 16475 16476 16477 16478 16479 16480,81 16482 16483 16484 16485 16486 16487 16488 16489 16490 16492 16493 16494 16495

16445 16444 16443 16442 16440,41 16439 16438 16437 16436 16435 16434 16433 16434 16430,31 16429 16428 16427 16420 16425 16424 16423 16422 16420,21 16419 16418 16417 16416 16415 16414 16413 16412 16410,11 16409 16408 16407 16406 16405 16404 16403 16402 16400,01 16399 16398 16397 16396

16337 16338 16339 16340,41 16342 16343 16344 16345 16346 16347 16348 16349 16350,51 16352 16353 16354 16355 16356 16357 16358 16359 16360,61 16362 16363 16364 16365 16366 16367 16368 16369 16370,71 16372 16373 16374 16375 16376 16377 16378 16379 16380,81 16382 16383 16384 16385 16386 16387 16388 16389 16390,91 16392 16393 16394 16395

16336 16335 16334 16333 16332 16330,31 16329 16328 16327 16326 16325 16324 16323 16322 16320,21 16319 16318 16317 16316 16315 16314 16313 16312 16310,11 16283 16282 16280,81 16279 16278 16277 16276 16275 16274 16273 16272 16270,71 16269 16268 16267 16266 16265 16264 16263 16262 16260,61 16259 16258 16257 16256 16255 16254 16253 16252

16284 16285 16286 16287 16288 16289 16290,91 16292 16293 16294 16295 16296 16297 16298 16299 16300,01 16302 16303 16304 16305 16306 16307 16308 16309 16169 16170,71 16172 16173 16174 16175 16176 16177 16178 16179 16180 16182 16183 16184 16185 16186 16187 16188 16189 16190,91 16192 16193 16194 16195 16196 16197 16198 16199 16200,51

16168 16167 16166 16165 16164 16163 16162 16160,61 16159 16158 16157 16156 16155 16154 16153 16152 16050,51 16249 16248 16247 16246 16245 16244 16243 16108 16109 16110,11 16112 16113 16114 16115 16116 16117 16118 16119 16120,21 16122 16123 16124 16125 16126 16127 16128 16129 16130,31 16132 16133 16134 16135 16136 16137 16138 16139

16107 16106 16105 16104 16103 16102 16100,01 16099 16098 16097 16096 16095 16094 16093 16092 16091 16090 16089 16088 16087 16086 16085 16084 16083 16082 16060,81 16079 16078 16077 16076 16075 16073,74 16072 16071 16070 16069 16068 16067 16066 16065 16064

8 500mE | 8 600mE | 8 700mE | 8 800mE | 8 900mE | 9 000mE | 378 000mE A.M.G | 9 100mE | 9 200mE | 9 300mE | 9 400mE | 9 500mE | 9 600mE | 9 700mE | 9 800mE | 9 900mE | 10 000mE | 10 100mE

LEGEND:

- Grid position
- Mate auger hole
- Base line (9 300mE)

Sample prefix - TS

GN MN
13°00'

SCALE: 1:2 500
DATE: 10/1/83
GEOL: J. Pemberton
DRAWN: R. Tog.
CHECKED:

GEOPEKO
A DIVISION OF PEKO-WALLSEND OPERATIONS LTD — DEVONPORT

FILE No | TS 27/76-V33-4 | PLAN No

E.L.27/76 ELLIOTT BAY, TASMANIA
VOYAGER 33
SAMPLE LOCATIONS

5 cm

83_2076 (1) P

14 900N
14 800N
14 700N
14 600N
14 500N
14 400N
14 300N
14 200N
14 100N
14 000N
13 900N
13 800N
13 700N
13 600N
13 500N
13 400N
13 300N
13 200N
13 100N
13 000 N
12 900N
12 800N
12 700N
12 600N

5 253 000 N AMG
5 252 000 N AMG
379 000 E AMG

8700 E
8800 E
8900 E
9000 E
9100 E
9200 E
9300 E
9400 E
9500 E
9600 E
9700 E
9800 E
9900 E
10000 E

B.L.

Grid position
Mate auger hole
Base Line

Cu sample, ppm
Pb sample, ppm
Zn sample, ppm
sample position
Fe sample, %
Ag sample, ppm
Duplicate samples
X Sample below level of detection
NS No sample

CONTOUR INTERVAL ppm

Pencil No.			
19-33	20-40	19-10	160-320
19-46	40-80	19-14	320>
19-6	80-160		

KT 27/76-3 (1 10000)
KT 27/76-5 (1 10000)
NW NE SW SE
WART HILL SERIES

GN MN 13°00'

Interpreted By	J.P.
Drawn By	P.R.S.
Date	Mar 83
Approved By	
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.
SHEET NO. 3SE3-Cu

E.L.27/76 ELLIOTT BAY, TASMANIA

C-HORIZON GEOCHEMICAL RESULTS
Cu CONTOURS

83-2076 #9

5 cm

8800 E
8900 E
9000 E
9100 E
9200 E
9300 E
9400 E
9500 E
9600 E
9700 E
9800 E
9900 E
10000 E

14 800N
14 700N
5 253 000 N AMG
14 600N
14 500N
14 400N
14 300N
14 200N
14 100N
379 000 E AMG
14 000N
13 900N
13 800N
13 700N
5 252 000N AMG
13 600N
13 500N
13 400N
13 300N
13 200N
13 100N
13 000 N
12 900N
12 800N
12 700N
12 600N
379 000 E AMG

o Grid position
d Mats auger hole
B.L. Base Line

5 —— Cu sample, ppm
35 —— Pb sample, ppm
25 —— Zn sample, ppm
sample position
0.5 —— Fe sample, %
Ag sample, ppm
Duplicate samples
X Sample below level of detection
N.S No sample

CONTOUR INTERVAL ppm
Pencil No.

19-33	100-199	19-10	800-1599
19-46	200-399	19-14	1600 >
19-6	400-799		

KT 27/76-8 1: 100000

KT 27/76-5 1: 100000

WART HILL SERIES

GN MN 13°00'

Interpreted By:	J.P.
Drawn By:	R.T.
Date:	Mar 83
Approved By:	
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.
SHEET NO. 3SE3- Pb

E.L.27/76 ELLIOTT BAY, TASMANIA

C-HORIZON GEOCHEMICAL RESULTS

Pb CONTOURS

8775E 8800E 8825E 8850E 8875E 8900E 8925E 8950E

Gold gm/t

Silver gm/t

Arsenic %

Iron %

Zinc %

Lead %

5m spacing | 2m. spacing | 5m spacing

RC orange clay over shale tuff | RC argillite | RC leached argillite | pyritic argillite | tuffaceous sandstone

14000 N

8800E 8825E 8850E 8875E 8900E 8925E 8950E 8975E

VSS-ADH 1

Gold gm/t

Silver gm/t

Arsenic %

Iron %

Zinc %

Lead %

5m. Spacing | 2m. Spacing | 5m. Spacing

1m chip/channel samples in costean

grey black argillaceous slates | tuffaceous silt

8m @ 1.1% Pb, 96 gm/t Ag, 0.33 gm/t Au, 0.32% Zn

14100 N

KT 27/76-3 (1:10000)

KT 27/76-5 (1:10000)

NW NE SW SE

WART HILL SERIES

PSEUDOSECTION SHEET DIVISION (1:2500)

GEOPEKO

A DIVISION OF PEKO-WALLSEND OPERATIONS LTD.

1:500 1:1000 1:2500

0 75 50 0 100 200 metres

DRAWING NO.

SHEET NO.

Interpreted By: W.H.

Drawn By: R.Tag

Date: Aug. 83

Approved By:

Revision By: Date:

Revision By: Date:

Revision By: Date:

E.L. 27/76 Elliott Bay, Tasmania.

Line 14100N.

C-Horizon and Rock Geochemical Profiles

55.

83-2076 F

83_2076 S

5 cm

14 900N
14 800N
14 700N
14 600N
14 500N
14 400N
14 300N
14 200N
14 100N
14 000N
13 900N
13 800N
13 700N
13 600N
13 500N
13 400N
13 300N
13 200N
13 100N
13 000N
12 900N
12 800N
12 700N
12 600N

5 253 000N AMG
5 252 000N AMG
379 000m E AMG

8700 E
8800 E
8900 E
9000 E
9100 E
9200 E
9300 E
9400 E
9500 E
9600 E
9700 E
9800 E
9900 E
10000 E

Grid position
Mate auger hole
Base Line

5 — Cu sample, ppm
35 — Pb sample, ppm
25 — Zn sample, ppm
sample position
25 — Fe sample, %
0.5 — Ag sample, ppm
Duplicate samples
X — Sample below level of detection
N.S — No sample

CONTOUR INTERVAL ppm
Pencil No.

19-33	100-199	19-10	800-1599
19-46	200-399	19-14	1600
19-6	400-799		

KT 27/76-8 (1 10000)
KT 27/76-5 (1 10000)
WART HILL SERIES

GN
MN
13°00'

Interpreted By J.P.
Drawn By PRS
Date Mar 83
Approved By
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.
SHEET NO. 3SE3-Zn

E.L.27/76 ELLIOTT BAY, TASMANIA

C-HORIZON GEOCHEMICAL RESULTS

Zn CONTOURS

83_2076 +

FILE NO:

11400E
11600E
11800E
12000E
12200E
12400E
12600E
12800E
13000E
13200E
13400E

13000N
13200N
13600N
13800N
14000N
14200N
14400N
14600N

CONTOUR INTERVALS (PPM LEAD)
100
200
400
800
1600
+

LEAD

GEOPEKO
A DIVISION OF PEKO-WALLSEND OPERATIONS LTD – DEVONPORT

metres | Scale : 1:2500 | Plan No :

ELLIOTT BAY E.L. 27-76

VOYAGER 34 AREA

C-HORIZON GEOCHEM. EXTENSIONS AND INFILL – 1983

Cu, Pb, Zn, Fe, Ag VALUES (PPM, PPM, PPM, %, PPM)

DATE : MAY 1983
GEOL : W.A.
DRAWN : W.A.
CHECKED :

83-2076 U

FILE NO:

11400E
11600E
11800E
12000E
12200E
12400E
12600E
12800E
13000E
13200E
13400E

3SE4
3SE2
4SW3

3000N
13200N
13600N
13800N
14000N
14200N
14400N
4600N

CONTOUR INTERVALS : (PPM ZINC)
100
200
400
800
1600
+

ZINC

DATE : MAY 1983
GEOL : W.J.
DRAWN : W.J.
CHECKED :

GEOPEKO

A DIVISION OF PEKO-WALLSEND OPERATIONS LTD - DEVONPORT

metres | Scale : 1:2500 | Plan No :

ELLIOTT BAY E.L. 27-76

VOYAGER 34 AREA

C-HORIZON GEOCHEM. EXTENSIONS AND INFILL - 1983

Cu, Pb, Zn, Fe, Ag VALUES (PPM, PPM, PPM, %, PPM)

83-2076 m V

5 cm

8 500 mE | 8 600 mE | 8 700 mE | 8 800 mE | 8 900 mE | 9 000 mE | 378 000mE A.M.G. | 9 100 mE | 9 200 mE | 9 300 mE | 9 400 mE | 9 500 mE | 9 600 mE | 9 700 mE | 9 800 mE | 9 900 mE | 10 000 mE | 10 100 mE

15 400 mN | 15 300 mN | 15 200 mN | 15 100 mN | 15 000 mN | 14 900 mN | 14 800 mN | 14 700 mN | 5 253 000 mN A.M.G. | 14 600 mN | 14 500 mN | 14 400 mN | 14 300 mN | 14 200 mN | 14 100 mN | 14 000 mN | 13 900 mN | 13 800 mN | 13 700 mN | 13 600 mN | 13 500 mN | 13 400 mN | 13 300 mN | 13 200 mN

COPPER CREEK

PLEASANT CREEK

RAIN FOREST

Pits : upto 1200 ppm Pb. 20 ppm Ag over 20-30 m. width.

400 ppm Pb

8 m. @ 1.9% Pb
96 gm/t Ag
0.35 gm/t. Au
0.32% Zn

KR9623 | KR9625 | KR9626 | KR9627 | KR9628 PIT | KR9629 | KR9630 | KR9631 | KR9632 | KR9633 | KR9634 | KR9635 | KR9636 | KR8674

EUCALYPT + BAUERA

EUCALYPT + TEA TREE

FOREST

Ladder qvn

drop off

RAIN FOREST

LEGEND

VOLCANIC ROCKS

lt	lithic tuff
xt	crystal tuff
vt	vitric tuff
xlt	crystal lithic tuff
agg	agglomerate rounded clasts 32mm.
fr	fragmental angular clasts 32mm.
ut	undifferentiated tuffs
t	tuff
qp	quartz porphyry
qfp	quartz feldspar porphyry
qfbp	quartz feldspar biotite porphyry
l	as a 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
bs	basic

SEDIMENTARY ROCKS

sh	shale
sl	siltstone
blksh	blackshale
sst	sandstone
qtz	quartzite
gwk	greywacke
ct	chert
lmst	limestone
dol	dolomite
bx	breccia
congl	conglomerate
vs	volcaniclastic sediment

METAMORPHIC ROCKS

phy	phyllite
sch	schist
gns	gneiss
hfs	hornsfels
mb	marble

INTRUSIVE ROCKS

gr	granite
gd	granodiorite
ad	adamellite
dl	dolerite
lp/lamp	lamprophyre
bd	basic dyke
ap	aplite
pg	pegmatite
qv	quartz veins

STRUCTURAL AND TEXTURAL

p	porphyritic
clvd	strongly cleaved
shd	sheared
ox	oxidized
vns	veined
lam	laminated
bx	brecciated
sch	schistose
vug	vugular (vughy, vug)
cren	crenulated

MINERALOGICAL PREFIXES (only use if diagnostic)

sil	siliceous
chl	chloritic
ser	sericitic
cal	calcareous
fe	ferruginous
py	pyritic
hem,hm	hematitic
goss	gossanous
lim	limonitic
arg	argillic
feld	feldspathic
ep	epidote

GRAIN SIZE

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

AGE DESIGNATION PREFIXES

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

STRUCTURAL

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

GN MN 13°00'

SCALE: 1:2500

DATE: May '82

GEOL: J.M.P.

DRAWN: M.v.d.S.

CHECKED:

GEOPEKO
A DIVISION OF PEKO-WALLSEND OPERATIONS LTD — DEVONPORT

FILE No | TS 27/76-V33-2 | PLAN No | 72

E.L. 27/76 ELLIOTT BAY TASMANIA
VOYAGER 33
GEOLOGICAL PLAN QUARANTINE.

QUARANTINED

QUARANTINED