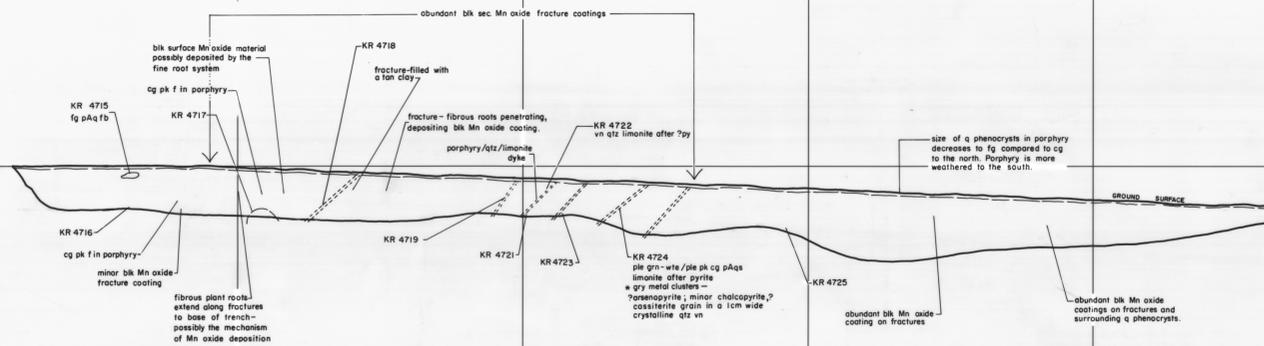
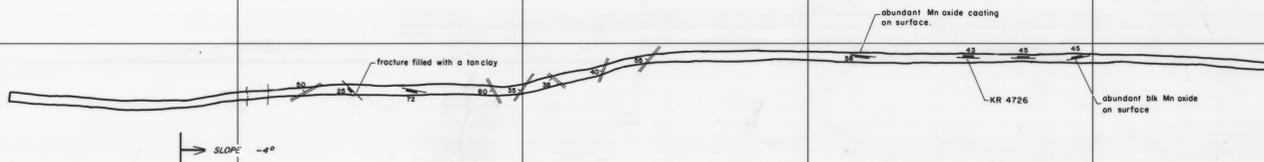


GEOLOGICAL PROFILE



GEOLOGICAL FLOOR PLAN



BEDROCK GRAB SAMPLE GEOCHEMISTRY

Sample No.	Cu	Pb	Zn	Ag	Mn	Cs	Bi	As	Sr	Ba	Fe	W	Mn
KR 4742	25	340	110	110	110	110	110	110	110	110	110	110	110
4741	20	300	130	130	130	130	130	130	130	130	130	130	130
4740	40	400	150	150	150	150	150	150	150	150	150	150	150
4739	80	1380	190	190	190	190	190	190	190	190	190	190	190
4738	200	3200	450	450	450	450	450	450	450	450	450	450	450
4737	180	2400	400	400	400	400	400	400	400	400	400	400	400
4736	40	2400	400	400	400	400	400	400	400	400	400	400	400
4735	10	1400	170	170	170	170	170	170	170	170	170	170	170
4734	10	1140	170	170	170	170	170	170	170	170	170	170	170
4733	10	1900	170	170	170	170	170	170	170	170	170	170	170
4732	10	1600	170	170	170	170	170	170	170	170	170	170	170
4731	10	1000	170	170	170	170	170	170	170	170	170	170	170
4730	10	140	170	170	170	170	170	170	170	170	170	170	170
4729	10	480	170	170	170	170	170	170	170	170	170	170	170
4728	10	460	170	170	170	170	170	170	170	170	170	170	170
4727	10	300	170	170	170	170	170	170	170	170	170	170	170

03_4902

Tube Number 19, Black Bluff, Mariner, Mt Stomont
(EL 91196; EL 101974)
Placer Dome Asia Pacific
Green, D. EL 101974; EL 91196

5 cm

LEGEND
ANALYTICAL METHODS:
Cu, Pb, Zn, Bi, Ag, Mn, Cs and Fe by A.A.S. following hot conc. HCL leach and HCL/HNO3 leach in latter stages of 0.25g sample
Sr and Ba by Emission Spectrography Schemes E.S. 2 and 3.
As by modified Gutzeit method following Potassium Pyrosulphate fusion of 0.25g sample.
W and Mo by Colorimetry
*Sn by XRF
Analytical results in ppm, except Fe %

SYMBOLS
igneous:
A acid igneous unclassified
M basic igneous unclassified
Textural:
p porphyritic
fb flow banding
vn vein
i intrusive
shd sheared

Silicate Mineralogy
q quartz
f K-feldspar
b biotite
c chlorite
s sericite
Grain Size
fg fine grained (< 1mm)
mg medium grained (5mm - 1mm)
cg coarse grained (5mm - 1cm)

Colours
pk pink
grn green
blk black
crm cream
rd red
plc pale
dk dark
Structural
joint
primary foliation
minor fault
approximate contact
approximate position of transitional contact

Miscellaneous
KR 4694 rock sample number
[TS] 4709 thin section and rock number
comments: Width of cation layers to 0.65m at base. Bedrock grab samples for geochemistry were taken at 0.5m intervals across the 5m sampling width.
scales: Vertical - 1:100
Horizontal - 1:250

GEOLOGICAL INTERPRETATION
Parent No.
19-53 [] HOLOCENE
19-41 [] G
19-41 [] G
19-12 [] G
19-19 [] G
19-7 [] G
19-68 [] G
AL soil horizon - blk peat, residual quartz phenocrysts
Strongly foliated porphyry - wte/dk gm cg pAqcc
Altered porphyry - wte/dk gm cg pAqcc
Moderately weathered porphyry - wte - gm - crm/dk - pk - cg pAqcc
Unweathered porphyry - wte - gm - crm/dk - pk - cg pAqcc
Porphyry dyke - ple gm fg pAqcc
Basic dyke - dk gm fg lMc



DATE: MARCH '79
GEOLOGIST: G.L.B.
DRAWN: J.P.M.
CHECKED: J.B.

GEOPEKO
A DIVISION OF PEKO-WALLSEND OPERATIONS LTD, DEVONPORT BASE
SCALE: 1:250 (Horizontal) 1:100 (Vertical)
No. KT10/74-M-16
E.L. 10/74 BLACK BLUFF, TASMANIA
MARINER 1
COSTEAN 2