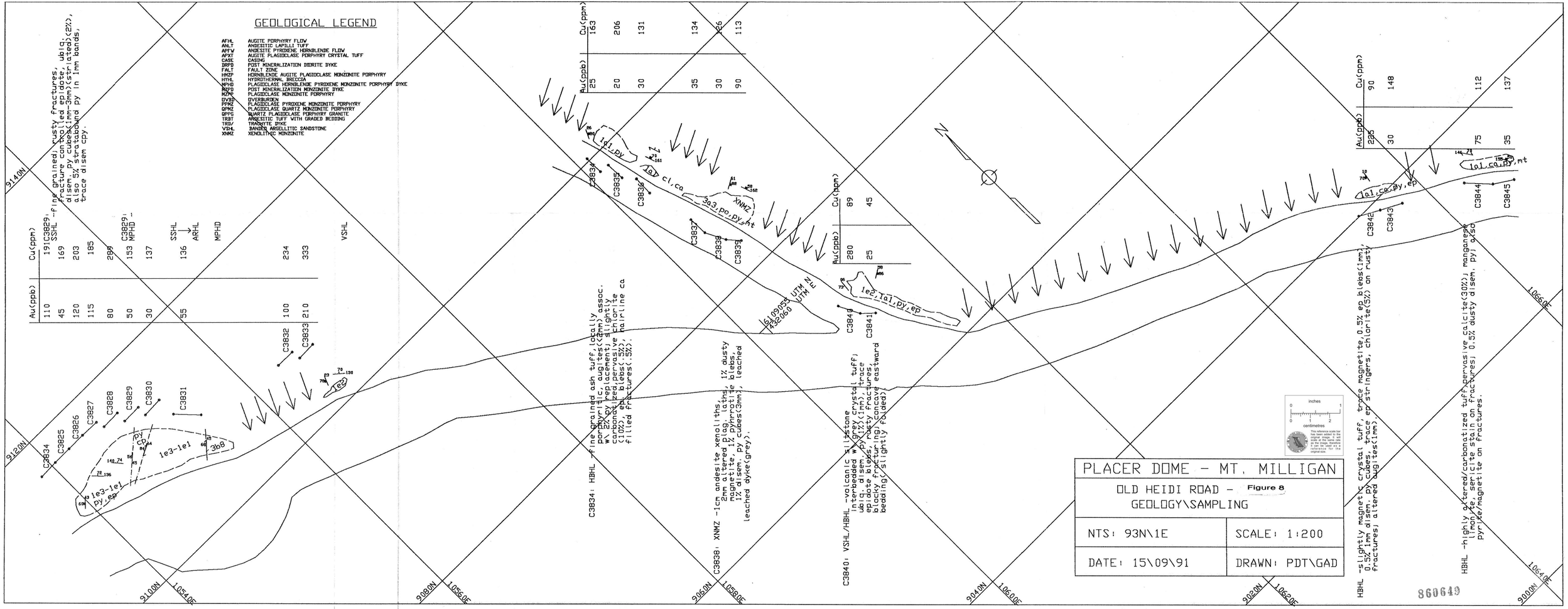
GEOLOGICAL LEGEND
AFHL AUGITE PORPHYRY FLOW
ANLT ANDESITIC LAPILLI TUFF
APFV ANDESITE PYROXENE HORNBLENDE FLOW
APXT AUGITE PLAGIOCLASE PORPHYRY CRYSTAL TUFF
CASE CASING
DRPD POST MINERALIZATION DIORITE DYKE
FALT FAULT ZONE
HNZP HORNBLENDE AUGITE PLAGIOCLASE MONZONITE PORPHYRY
HYHL HYDROTHERMAL BRECCIA
MPHD PLAGIOCLASE HORNBLENDE PYROXENE MONZONITE PORPHYRY DYKE
MZPD POST MINERALIZATION MONZONITE DYKE
MZPP PLAGIOCLASE MONZONITE PORPHYRY
OVBD OVERBURDEN
PPMZ PLAGIOCLASE PYROXENE MONZONITE PORPHYRY
QPMZ PLAGIOCLASE QUARTZ MONZONITE PORPHYRY
QPPG QUARTZ PLAGIOCLASE PORPHYRY GRANITE
TRBT ANDESITIC TUFF WITH GRADED BEDDING
TRDY TRACHYTE DYKE
VSHL BANDED ARGILLITIC SANDSTONE
XNMZ XENOLITHIC MONZONITE
9140N
9120N
9100N
9080N
9060N
9040N
9020N
9000N
1054.0E
1056.0E
1058.0E
1060.0E
1062.0E
1064.0E
1066.0E
C3834 C3825 C3826 C3827 C3828 C3829 C3830 C3831 C3832 C3833
Au(ppb) Cu(ppm)
110 191 C3829, SSHL -fine grained, rusty fractures, fracture controlled epidote, ubiq. disem. py cubes(1mm-3mm)(stringed)(2%), also 5% stratabound py in 1mm bands, trace disem cpy.
45 169
120 203
115 185
80 299 C3829; MPHD
50 153
30 137
55 136 SSHL → ARHL
MPHD
100 234
210 333
VSHL
py co
le3-le1 3b8
le3-le1 py,ep
le2
C3834: HBHL -fine grained ash tuff, locally porphyritic, augites(.5mm) assoc. with 1% dusty magnetite, 1% chlorite carbonatized pervasive chlorite (10%), epi blebs(.5%), hairline ca filled fractures(.5%).
C3835 C3836 C3837 C3838 C3839 C3840 C3841
Au(ppb) Cu(ppm)
25 163
20 206
30 131
35 134
30 26
90 113
1a1,py
1a1 cl,ca
3a3,po,py,mt
XNMZ
6109055 UTM N
432060 UTM E
C3838: XNMZ -1cm andesite xenoliths 2mm altered plag. laths, 1% dusty magnetite, 1% pyrrotite blebs, 1% py cubes(3mm), leached leached dyke(grey).
Au(ppb) Cu(ppm)
280 89
25 45
le2,1a1,py,ep
C3840: VSHL/HBHL -volcanic siltstone interbedded with crystal tuff; 1% py(1mm) trace epidote blebs, rusty fractures, blocky fracturing, concave eastward bedding(slightly folded).
C3842 C3843 C3844 C3845
Au(ppb) Cu(ppm)
225 90
30 148
75 112
35 137
1a1,ca,py,ep
1a1,ca,py,mt
HBHL -slightly magnetic crystal tuff, trace magnetite, 0.5% ep blebs(1mm), 0.5% 1mm disem. py cubes, trace ep stringers, chlorite(5%) on rusty fractures; altered augites(1mm).
HBHL -highly altered/carbonatized tuff, pervasive calcite(30%), manganese (limonite, sericite stain on fractures; 0.5% dusty disem. py, 0.5% pyrrxte/magnetite on fractures.
inches
centimetres
This reference scale bar should be used to verify the original scale of the map or to scale at the same rate as the original map if it can be used as a reference for the original size.
PLACER DOME - MT. MILLIGAN
OLD HEIDI ROAD - GEOLOGY\SAMPLING
Figure 8
NTS: 93N\1E
SCALE: 1:200
DATE: 15\09\91
DRAWN: PDT\GAD
860649