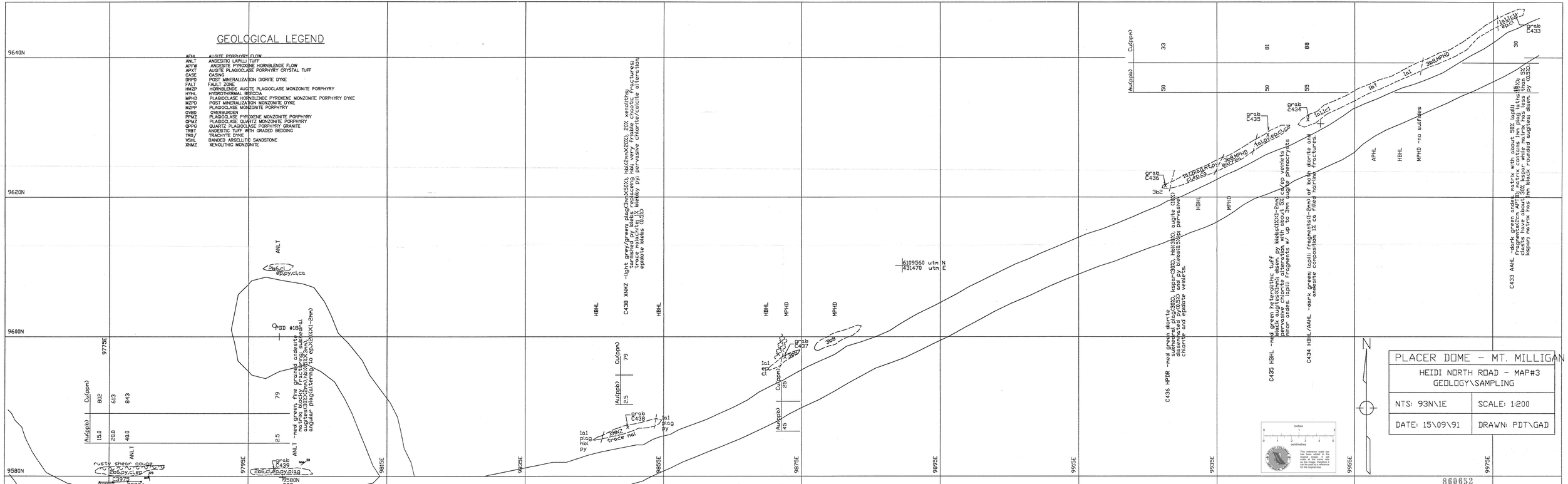
GEOLOGICAL LEGEND
APHL AUGITE PORPHYRY FLOW
ANLT ANDESITIC LAPILLI TUFF
APFW ANDESITE PYROXENE HORNBLENDE FLOW
APXT AUGITE PLAGIOCLASE PORPHYRY CRYSTAL TUFF
CASE CASING
DRPD POST MINERALIZATION DIORITE DYKE
FALT FAULT ZONE
HWZP HORNBLENDE AUGITE PLAGIOCLASE MONZONITE PORPHYRY
HYHL HYDROTHERMAL BRECCIA
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
TRD/ TRACHYTE DYKE
VSHL BANDED ARGELLITIC SANDSTONE
XNMZ XENOLITHIC MONZONITE
9640N
9620N
9600N
9580N
9775E
9795E
9815E
9835E
9855E
9875E
9895E
9915E
9935E
9955E
9975E
ANLT
2b6,c1 sh,py,cl,ca
PDD #18
79
2.5
ANLT -red green fine grained andesitic lapilli tuff, rusty blocky fracturing, subhedral augites(30%)hmb(5%)2mm, angular plagioclasing(a epidote)(2-2mm)
rusty shear gouge
2b6,py,cl,ep
grab C439
2b6,cl,ep,py,plag
C3972
C3973
C3974
9580N
98E
HBHL
C438 XNMZ -light grey/green plag(3mm)(30%), hbl(2mm)(20%), 20% xenoliths, tarnished py blebs replacing hbl, very friable chaotic fractures, trace chalcopyrite, 2% blebby py, pervasive chlorite/calcite alteration, epidote blebs (0.5%)
MPHD
grab C437
2b8
1a1 rep
1a1 plag py
XNMZ
trace mal
grab C438
1a1 plag py
6109560 utm N
431470 utm E
C436 HPDR -red green diorite subhedral plag(2mm), kaspar(50%) hbl(10%) augite (10%) 2mm, 2% pyrite(0.5%), 1% blebs(0.5%) pervasive chlorite and epidote veinlets.
C435 HBHL -red green heterolithic tuff lapilli fragments(1-2mm) by kaspar(20%)(1-2mm) pervasive chlorite alteration, with about 5% calcite veinlets minor andes. lapilli fragments w/ up to 3mm augite phenocrysts
C434 HBHL/AAHL -dark green lapilli fragments(1-2mm) of both diorite and andesite composition 1% ca filled hairline fractures
APHL
HBHL
MPHD -no surfaces
C433 AAHL -dark green andes. matrix with about 50% lapilli fragments(size APHL) matrix contains 1mm plag laths(15%) 1% ca filled fractures, 1% hairline fractures, 1% py (0.5%) kaspar matrix has 1mm black rounded augites, blebs
Cu(ppm)
Au(ppb)
802
613
843
15.0
20.0
40.0
79
2.5
Cu(ppm)
Au(ppb)
79
2.5
Cu(ppm)
Au(ppb)
22
40
Cu(ppm)
Au(ppb)
33
50
81
50
88
55
30
grab C433
grab C434
grab C435
grab C436
1a1 rep
1a1 plag
3b8,MPHD
1a1 rep
1a1 plag
3b8,MPHD
1a1 rep
1a1 plag
3b8,MPHD
1a1 rep
1a1 plag
3b2
1a1 plagioclase
1a1 magnet.py
3b8,MPHD
3b2
3b8,MPHD
1a1 plagioclase
1a1 plag
3b8,MPHD
1a1 rep
1a1 plag
3b8,MPHD
N
PLACER DOME - MT. MILLIGAN
HEIDI NORTH ROAD - MAP#3
GEOLOGY\SAMPLING
NTS: 93N\1E
SCALE: 1:200
DATE: 15\09\91
DRAWN: PDT\GAD
inches
centimetres
This reference scale bar has been added to the original image. Beware that the scale of the map will, as the image, therefore it be different from the reference for the original size.
860652

Figure 11