

Q73 - 1

013297

Quintana

9B 165

165 - 300

415 - EOH } Type II Ppy

Mixed Type I + Type II  
(390 - 400, 410)

Post Ore like ~~300 - 370~~  
~~355 - 400~~

me

Mafic plap Ppy (25%)  
(plap 1 - 4 mm)

Hb. Needle Plap Ppy Post - ORE  
295 - 370

Ppytic Hfls or mafic plap Ppy

Phenos larger near 600 (EOH)

169 DK brown fg matrix, diss.

magnetite, white plaq, 1-2mm avg,  
30%, some diss. py (u. w. mag)

178 same rock but matrix bleached

to med. brn color + cut by carbonate

and <sup>cpy</sup> ~~pyrite~~ - carbonate (~~cpy~~)

scattered, loc hemat., mag. clets

223

Dissem <sup>cpy</sup> py + plaq phenos of plaq 1-2 mm,

25%, matrix dk colored fg

bio. hfls

Fr. w. cpy - py

228 Fg, bleached to yell-tan color.  
Qtz - py veinlets cut by carbonate.  
In detail can see 1-2 mm plaq  
Xls ~ 20-30%. ie Bleached SOS.

230 variably med horn to gray matrix  
Plaq phenos pale tan to gray  
carbonate ~ och horn. cuts carbonate  
Qtz-chl-epy cuts early carbonate  
cut by later one

237 Diss. epy, py bio. hfls matrix  
local chl altn, plaq, <sup>gray-</sup>white 30%.  
1-2 mm.

286 Diss py, mag + py in clumps,  
dk gray grn matrix, plaq phenos  
(chloritized)  
1-3 mm, 30%  
bio-chl-py fr

292 Bro - chl - cpy fr  
" " - py fr

similar rock to 286 but sl.  
more intense elctn.

300 <sup>10%</sup> mafic elongate, now chlorite  
(hornblende originally, I think)  
20% plag phenos (1-3 mm)

**BARREN**

370 Bro hfls matrix, partly → chl.

dissem. sulphide (cpy + py)

magnetite - qtz veins cut by (?)  
which are

veins of qtz - mag - some chl cut by carbonate fr.

373 like 370

388

crowded ppy - plaq 55%

xls 3-5 mm subhedral (rounded off),

interstitial pyrite and chlorite

several (~5) % qtz phenos (3 mm)

TYPE ~~I~~<sup>I(a)</sup> Porphyry425 Porphyritic (plaq 2-3 mm 20%)

matrix gray-green (chloritized,

possibly sericitized)

minor, dissemin. mag. cpy

434

Vuggy qtz-cpy cut by carbonate

+ barren qtz of uncertain timing

ck altered to yell-tan.

450 chl altn, disse py cpy

Ppytic bio. hfls as before

qtz-py-cpy veinlet chl halo then sericitic  
fracture

558

even paler gray than 522.

Some good looking quartz veins.

qtz - cpy - py w. cracks infilled  
by magnetite.

CR bleached, sericitized

563

fewer & larger phenos, about

5mm, 15% plg; a few % qtz phenos

to 5mm, matrix sericitized, greasy-  
looking, green.

qtz - cpy - mag (hematized) vein

576

Gypsum veinlets qtz - cpy veins  
phenos → grt + sericite, 20%, ~3mm mag

plg gray - bleached?

597

Gypsum, qtz - cpy - py veins w.

bleach halos, qtz - mag - chl veins

Rock med gray phenos yell-wh 1-3mm  
30%