

Test Suite from Chu Chuca to Lab

Section 10100N

Massive Sulphides - Semi-Quant Spec Initially - will want
Cu Pb Zn Co Au Ag etc

CC1

- ✓ 67.7 m.s.
- ✓ ~~68.7~~ 69.7x
- ✓ 71.5
- ✓ 75.5 } 73.5x } PS
- } 74.5x }
- ✓ 79.5 } 77.5x }
- } 80.5x }
- ✓ 83.5

XRAY 90.1
94.5 Sphal?
95 Dol Sphal?

90.1x

119.5 Banded MS

119.1 Banded MS

120.5 border of MS zone PS

Rock Geochem

- ~~sp~~ inter-pillow Bx mineralogy 12.4
- fs basalt-Rock " 19.5
- fs basalt-" " 24 TS
- (in pillow basalt)-Bx - tops? 44
- Int Pillow 60
- Ksper? 66.8

all are carbonate veined

- ✓ 10 "Spotted" rock
- ✓ 25 fs basalt
- ✓ 40 pillow "
- ✓ 58.5 59.5 fs basalt
- ✓ 67 pillow basalt 1.4m from Massive Sulphide

~~68~~

- ✓ 91.5 alt volc "below" m.s. - small sample
- ✓ 99.9 siliceous rock (chert?) - pyritic
- TS X 110.1 Talc? alt volc - too veined + altered
- ✓ 124.5 talc? alt volc
- ✓ 129 si. alt. volc

Talc-Py Rock 95.3
Dol veins (TS)
Sphal + Talc + Dol 94.5
XRAY
Dol Pyrrho Sphal 95
XRAY

X 94 Talc? alt White volc - too small

PS polished section
TS Thin section

10100N

CC17

M.S.

✓ 19.9

M.S.

✓ 22.5

✓ 31.5

PS 40.7

all qtz

others

27.5 PS

38.2 PS

Rock Geochem

TS 44.5 Cherty rock - pyritic

✓ 45.1 " " " - could be altered basalt

✓ 52.3 altered basalt

✓ 69.7 black alt + veined basalt

✓ 74.5 Carb? alt basalt

✓ 99.0 chloritized fs basalt

CC22

Geochem

✓ 15.5 ~~chert~~ chert Bx Geochem + TS

✓ 38.7 carb alt basalt

✓ 54.5 basalt (bleached)

ms (185.7 → 186)

10/00N

185-9 clastic MS?

(216.3 - 219.7)

217.5 ms 219.5 ms

CC 12

✓ 19.5 Pillow Basalt fg xllne

✓ 29.5 " " fg xllne

✓ 39.5 " " "chilled"

✓ 60 " " "

✓ 80 " " fg xllne

✓ 100
✓ 120 spotted? " fg "

✓ 140 " microdia alt.

✓ 160 Basalt-fg xllne

✓ 178 Pillow "

TS 118.5 Spotted basalt

TS 130 Inter pillow zone

TS 139.5 Alt Basalt?

157 pillow basalt

TS 150.5 Monomictic Bx

TS 185.5 Bleach Silic Pillow Bas?

188.8 ^(chert?) veined silic Rock _(pyritic)

TS 189.5 " " "

Between MS layers
TS 186.8 silic Rock "chert"

✓ 188.8 "chert" (dk gray-green)

TS 185.9 Pyritic - nearly massive sulphide

✓ 199.5 Talc alt rock

TS ~~6~~ + Xray + Geochem

✓ 204? Pyritic Silic. Rock

TS, XRAY 207.4 carb. alt or barite??

TS 222.7 Chert or silic volc?

TS + Geochem ✓ 208.5 Silic. Rock - ~~pyritic~~

TS 214.3 " " pyritic

MS,

X Too Small 216.5 "fg + fg py.
Geochem 217.5

PS 218.5 MS

PS 219.5 MS, clastic?

✓ 223.6 Chert

MAX Xray + TS 225 Carb alt volc

✓ 230.5 Pyritic zone - chert? alt Basalt

✓ 240 Basalt

✓ 250 "

✓ 261 " fg, xllne

9950 N
~~10150 N~~

* carbonate ± chl veins
fr ubiquitous

CC14

✓ 20 Basalt

TS 17 ~~TS~~ fig / xllne contact

slab 43 InP interpillow zone

✓ 49 Pillow Basalt

TS 72.4 Rock Type - Breccia

✓ 74.5 Breccia of basalt

TS 97.5 veins cal-chl - ?

✓ 100 Pillow Basalt

TS 121.5 alt ^{Basalt} ~~Spott of Rock~~

✓ 125 Basalt

NIL 123 InP Interpillow

✓ 150 Basalt

TS 172 Rock Type - Chert

NIL 165 Pillow Basalt

TS 200.1 alt

✓ 173.5 near MS - Basalt

✓ 193.2 alt + geochem ? chert?

TS 194.5 " " silic. pyritic rock

✓ 202.8 alt. Basalt

TS ~~210~~ x 210 less " " "

MS PS 174.2 Contact

✓ 215 Tan alt basalt - much cal veining

(174.2-194) PS 179.4 cpy into py?

TS x 220 Black veins + ^{tan} ~~gray~~ alt. Basalt

PS 189.5

✓ 225 sl. Bleached fields basalt

PS 187.3

PS 192 ~~193-195~~ mag / cpy
? 194.5

for analysis

MS ~~174.2-194~~ MS ?

PS 174.5 Bxted MS

✓ 176.5

✓ 181.5

✓ 185.5

✓ 190.5

? 193.2

MS

9950N

CC 25

✓ 10.5 pillow basalt

✓ 34.5 " "

Measure sulphide
(96.3 - 98.5)

TS 55.1 pillow basalt below m.s. (thin) - too much
caliche

✓ 75 " "

map. talc - dol.

✓ 95 " " - tan altered

PS ~~99.3~~ 50% magnetite - bx - epy pychl - map frag)
TS 110.6 50% magnetite "talc" bx - pyrite

(98.5 - 117)

✓ 126.5 Persv talc altm

TS 135.6 Talc Bx

PS 139.4 ~~mag~~ cut by pyrite

~~99.3~~ Manganese
~~110.45~~ + altm
~~126.56~~

~~139.4~~ Manganese

~~139.66~~

✓ 143.5 Bleached basalt

✓ 159.5 Pillow Basalt - bleached
with interpillow zone

CC 26

✓ 8.5 Pillow Basalt

✓ 27.4 " "

~~✓~~ ✓ 30.5 " "

adjacent to massive sulphide

XRAY 26.4 Vein compsn?

TS 70.1 talc alt basalt

X 24.5 " " "

? 80.7 pillow basalt

Measure Sulphide

PS 32.5

✓ 37.5

PS 41.5

✓ 45.5

✓ 49.5

PS 57.5

✓ 56.5

NIL 62.5

PS 68.7 gfs cpy veins in
pyrite

CC 11

✓ 9.3
~~9.4~~

Bleached basalt

✓ 28.5 alt basalt

NIL ~~36.1~~ 36.1 Tan basalt diss. pyrites-like

✓ 39.5 altered bxtd basalt

14.2

NIL 5.2 Vein -qtz -py

PS 9.1 Rock Type Bleached bas

TS 14.2 alt + Intp:llow zone

Stob 24.7 Vein mineralogy?

Massive Sulphide

✓ G 29.5

PS 30.5 mag/py Bx

PS 31.3 py-cpy bx

PS 33.5 mag pyrr cpy dll
sphal?