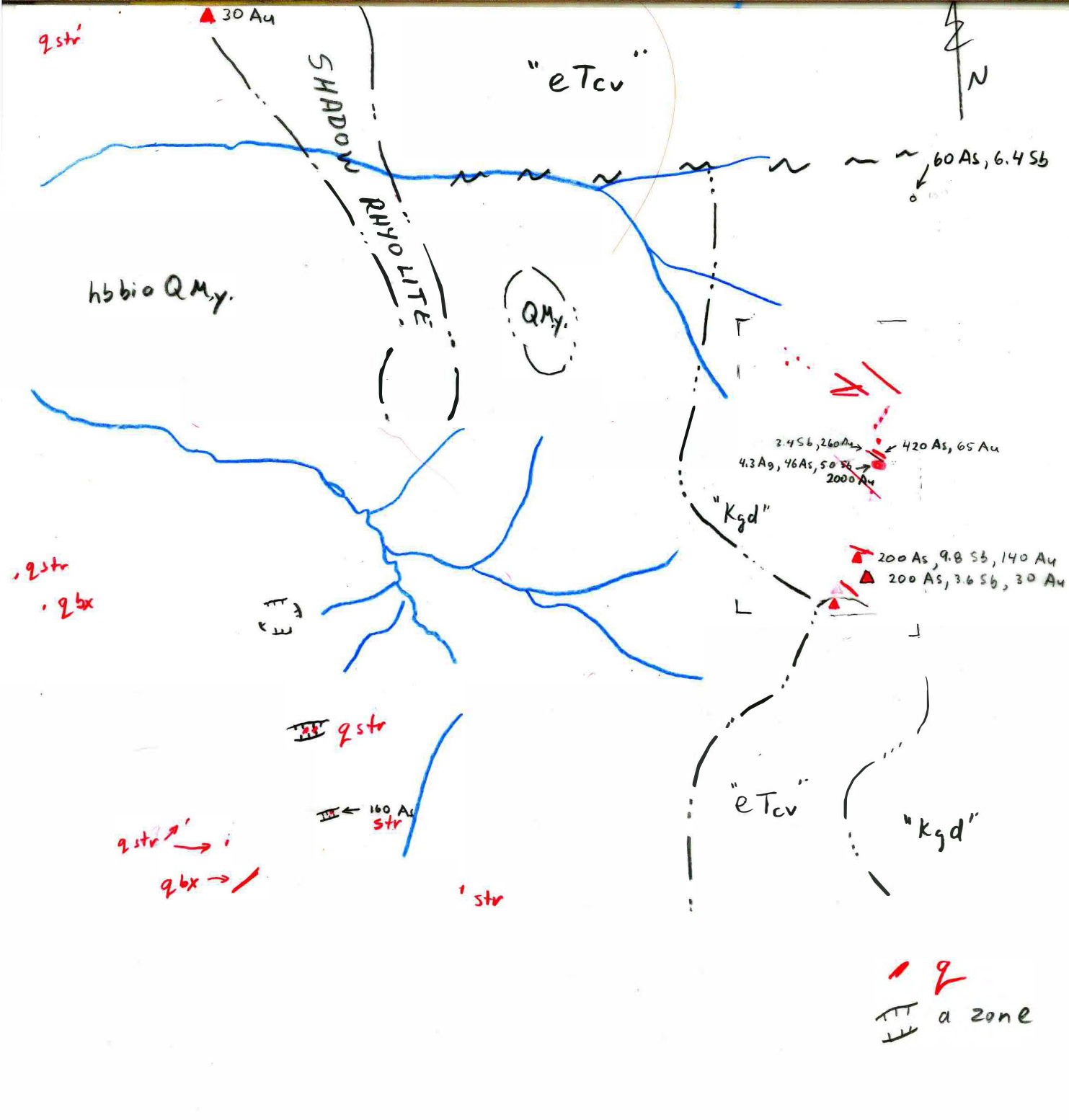
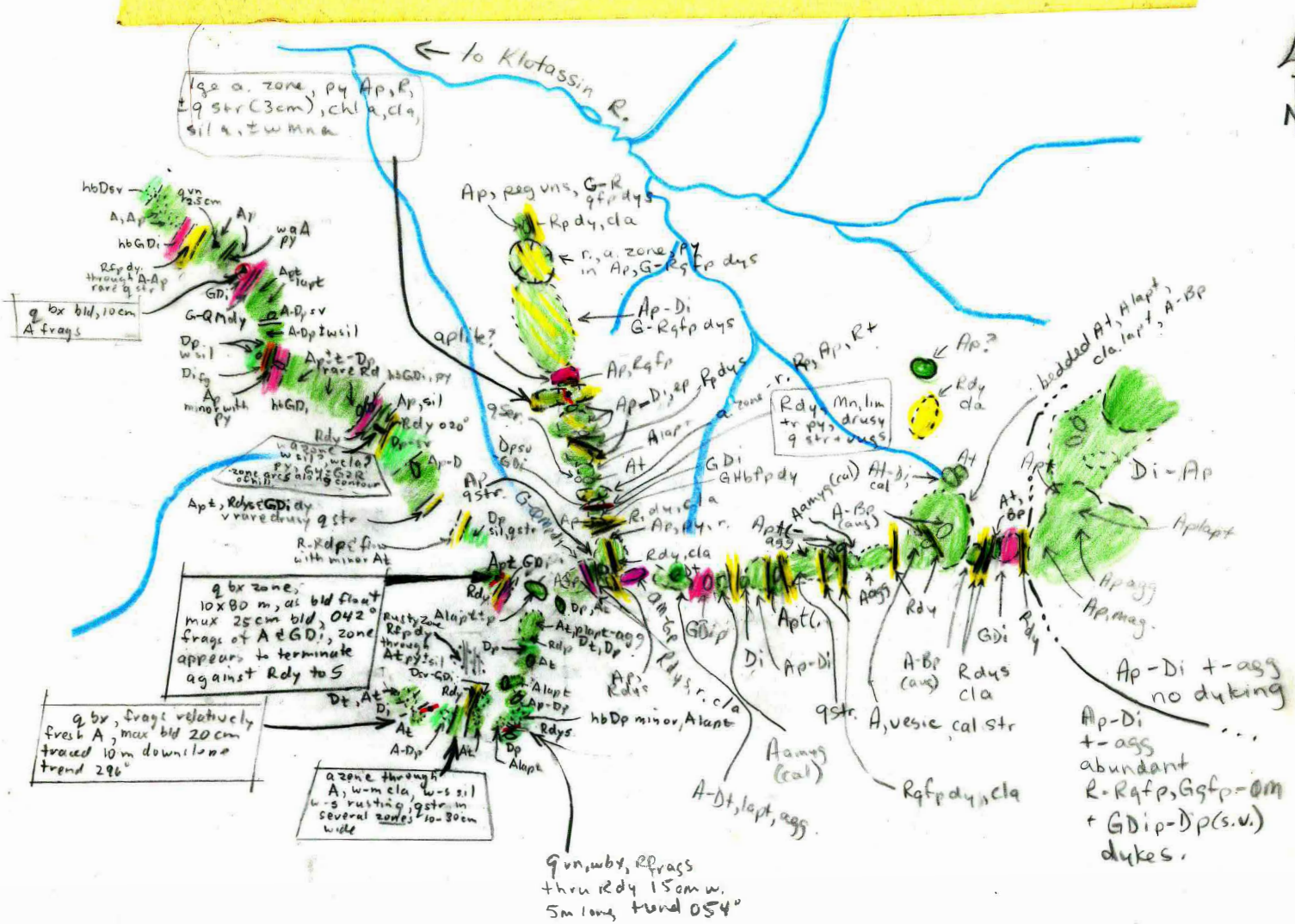
1985 Field Data

Fog Claims

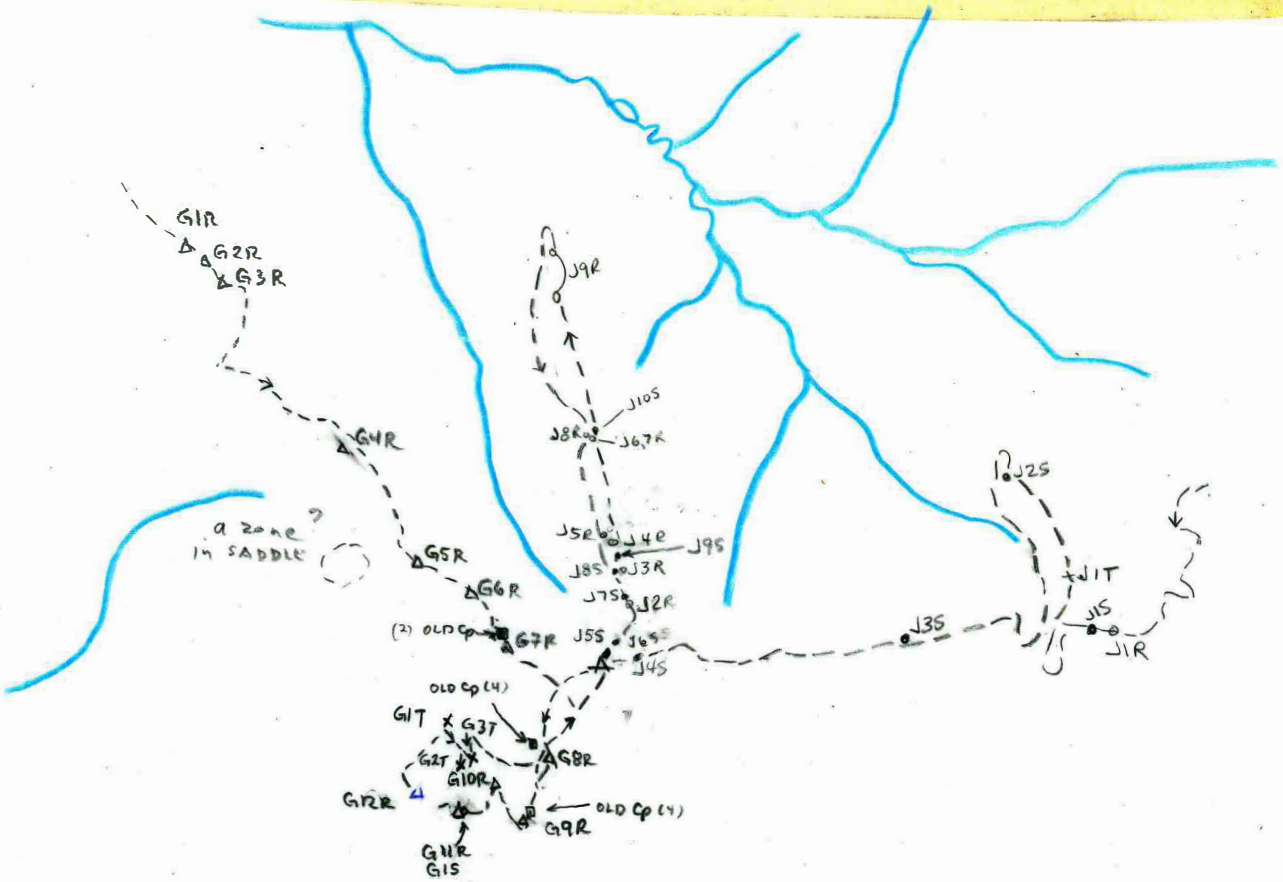
006911

11 SJ/8


qstr
30 Au
SHADOW RHYOLITE
"eTcv"
N
60 As, 6.4 Sb
hbbio QMy.
QMy.
3.4 Sb, 260 Au
420 As, 65 Au
4.3 Ag, 46 As, 5.0 Sb
2000 Au
"Kgd"
200 As, 9.8 Sb, 140 Au
200 As, 3.6 Sb, 30 Au
qstr
qbx
qstr
160 As
str
qstr
qbx
str
"eTcv"
"kgd"
q
a zone



y22
1151/8
GEOLOGY
AUG 28-30/85 JP, LG

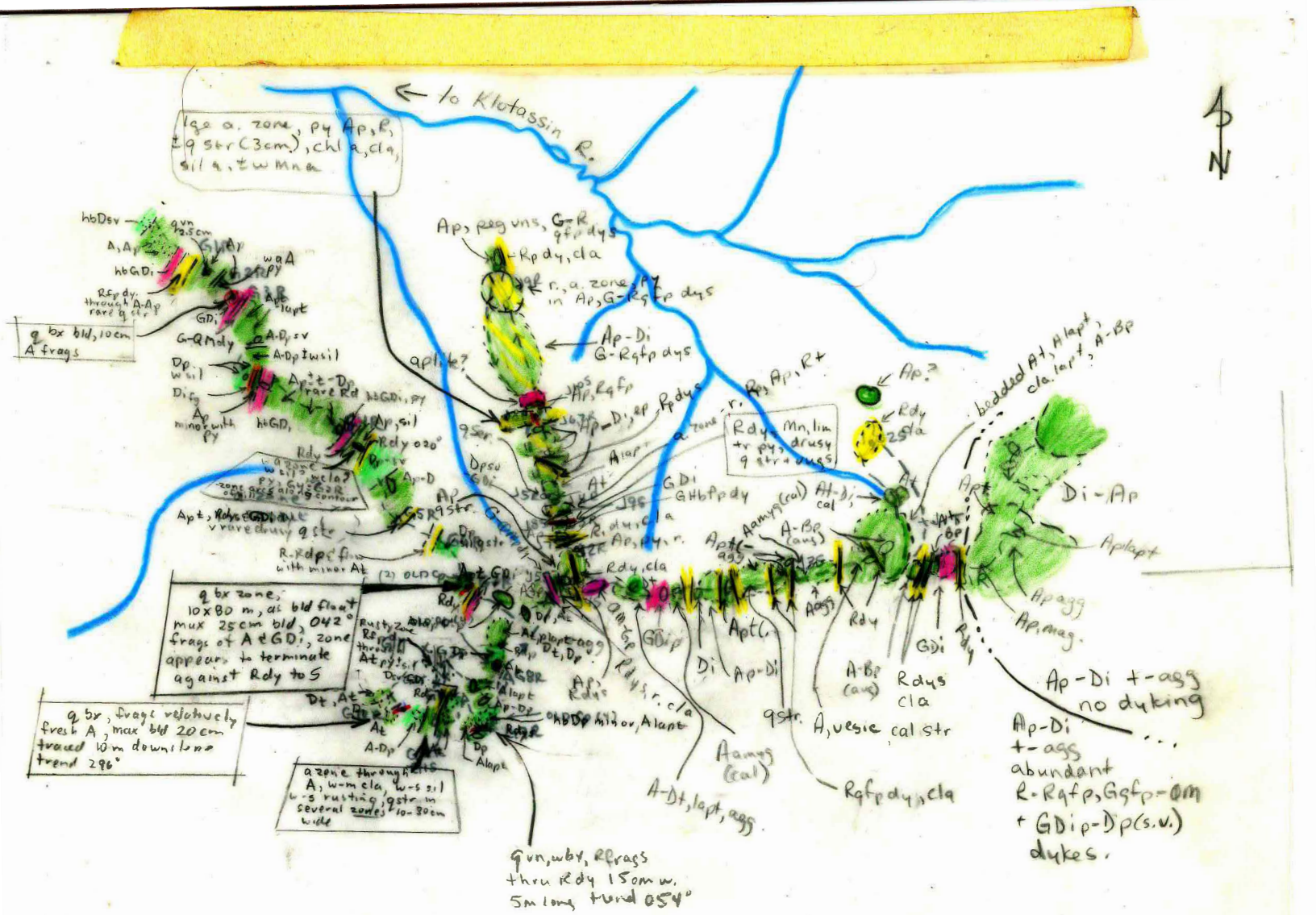


Y22

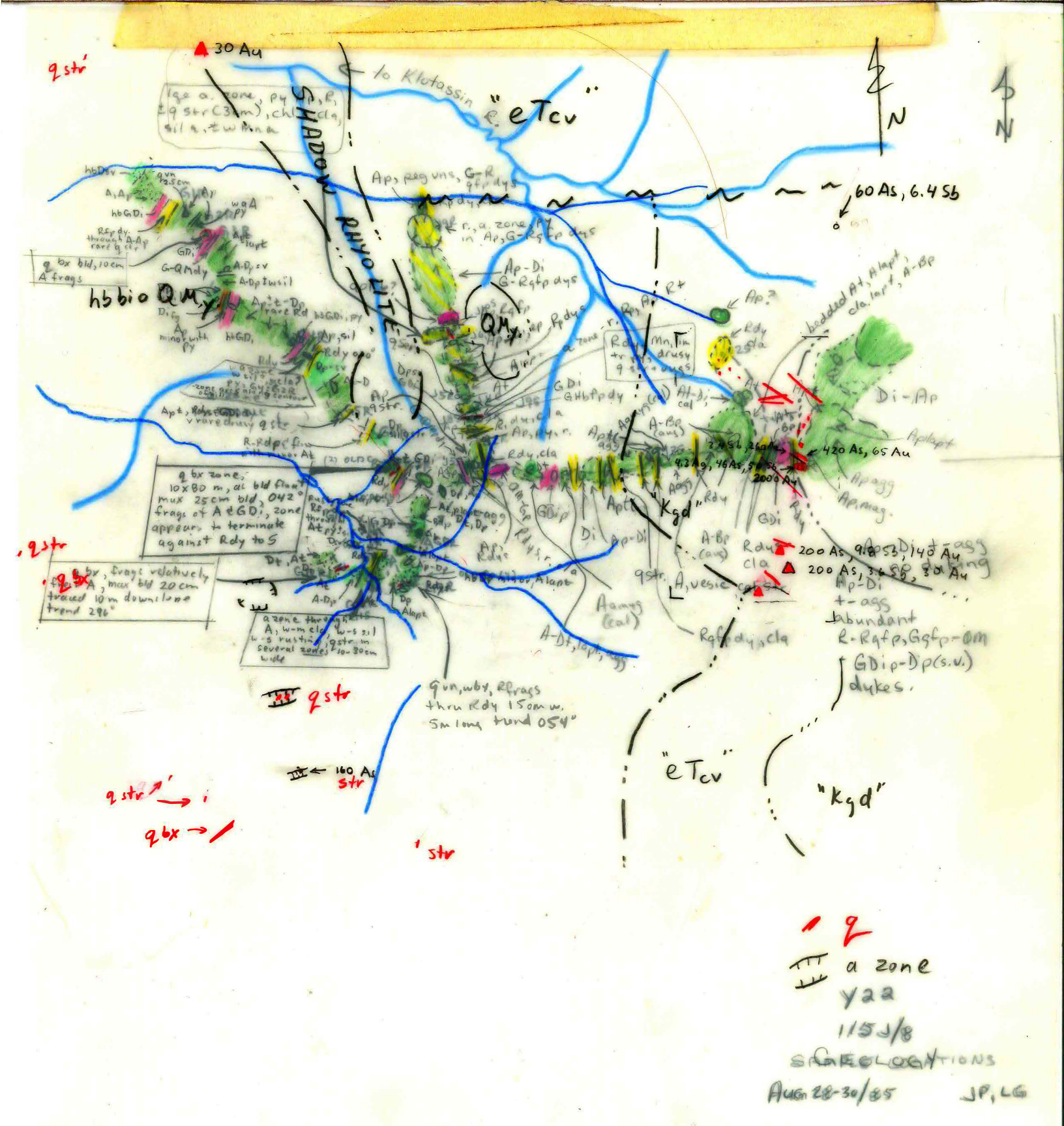
1151/8

SAMPLE LOCATIONS

Aug 28-30/85 JP, LG



y22
115J/8
SAMPLE LOCATIONS
Aug 28-30/85 JP, LG


30 Au
to Klotassin
"eTcv"
SHADOW RHYOLITE
N
60 As, 6.4 Sb
hbbio QMy
QMy
Ap-Di
G-Rqfp dys
Di-Ap
420 As, 65 Au
"kgd"
200 As, 9.8 Sb, 140 Au
200 As, 3.6 Sb, 30 Au
Abundant
R-Rqfp, Gqfp-Qm
GDip-Dp(s.v.)
dykes.
qtz str
qbx
qtz str
160 As
str
"eTcv"
"kgd"
a zone
y22
115J/8
SURFACE OCCURRENCES
AUG 28-30/85
JP, LG

Y21A, Y22A P+G (1) (3)

115J/8

Aug 31, Sept 1/85

Intro: - located between Y21 (Shadow claims) and Y22.
- similar geology to Y21 and major fault is shown thru here on GSC map (E-W trend)

Rock Types

(3) RqfP, RfP, R. — grades to RdfP - DfP.
- ± wcla to fresh
- white to light buff weathered surface
- flow texture evident in some.

[redacted]

(2) At, lapt, AfP, Ap - BP (augite), A vesic,
- cal stringers + blebs common.
- lt green to dark brown weathered surface
- minor opal in filling of vesicles in B. + minor drusy q, bladed cal filling large vugs in A - BP (aug).

(1) possibly equiv to Kgd

- aM - c.g, common lt. orange weathered surface, Hb, Bio up to 10% - 15%. - looks + weathers like Dirks 'Tg' - presence of unit here may be imp +. - slightly less granitic comp'n.

HbBioGDi - same as above? only more GDi comp'n - appears to be younger intr. - not as old as Tkgdm as GSC has mapped.

Y21A

Alt'n + Mn.

① - local float in clk. of s-i sil. R. → progressive sil resulting in q bx with sil R frags. as sampled at Y21 @ G1R, G2R - largest bld - 1 m²
↳ SE of N trending cut on Y21
- few q. str ± drusy in Rqfp - J3R

② - q uns (max un width 7 cm) over 5m wide by 30m long area, w. brecciated margins; host Ap - J4R
- q. cal (1.5cm) cutting Apt, w. brecciation - J5R

③ → few qstr. in intr. J1R, J2R.

④ → drusy q in vugs ± bladed cal ± opaline q. up to 6 × 9 cm J6R, J7R, J8R

⑤ → one ~~Magnesite~~ siderite ?? - but heavyish up to 15cm wide. ? CO_3 un cutting Ap (any) - wte - lt brownish col. H ≈ 3-5-4.0 q

Y22A

① GDi host: crypte drusy wht q stringers in altd zone, trend 140° w-m c/a, w-m sil possible creamy carbonate, one zone poorly exposed w/R py 10-20% - better exposed zone 30 m long, 50 cm wide G4,5,6R

② Rqfp - vfg G-AM - crypte drusy q vn (4cm) str, tw c/a, m sil, m ser? (green as on Vic bx) trend ~140°, max bld found 30 cm wide, no sulfides G1,2,3R
Possibly more c/a zones in GDi - small weathering w c/a zones common but poorly exposed in areas of v large GDi blds

③ q. cal cutting Aamyg - Ap, w brecciation, irregular - over one bld - similar to Y21A-J5R
Y22A-J1R.

Conclusion:

Most promising are the altered zone ± q str + small ins ~~qtz~~ ± py cutting thru GDi and Rgfp-am) in ~~SW~~ SE part of area.

Does not appear that Y21 zone cuts across Ghost Ck to S. of ~~Claims~~ Shadow Claims.

Y22
115J/8
Aug 28-30/85

J + LG

Intro: - located south of Y21 (Shadow claims) in area of intermediate volcanic rx with abundant felsic dyking.

Rock Types:

(3) Rqfp - Rfp - R - Gqfp dykes.
- fresh to commonly cla.
- often exhibit flow texture.
- lt. orange to white weathered surface.

(2) { Afp - Atp - Alapt - Aagg } - q-ep str. common
{ Ap(aug) - Bp → magnetic } - ± py
{ A vesic-amyg with cal amyg. } - ± cal str.

(1) { Ap - grades to Di (Di subvolc to A)
{ Dp - grades to GDi (GDi subvolc to D) - also GDi occurs as dykes → feeders to volc.

Min + Alt'n

(A) - minor q bx with A fragments and q str., uns cutting Ap
- 3 zones - trends: 096°, 42°, 54°
(G9R) - max. vn width 15cm ± drusy q ← traced 5m
- max q bx bld 25cm ← (G7R)
- max zone width 10x 80m↑ - may join up with 10m long zone ≈ 1km to SW? (G12R)
↳ may also join up with lge (150-200m wide) alt. zone 1.5km to NE with cla, sil, ~~serc~~, chl q, Mn, lim, py which contains q vn-str to 3cm width thru Ap (~~BP~~ J7R) and q str thru R (J8R).

(B) - other q str evident thru Ap and R dys but are ~~discont.~~ generally discontinuous

R	Ap
J1R - py	J7R (3cm)
J8R > py.	G1R (25cm)
J3R	G5R (str)
	G6R (str)

(C) - altered zones with cla + py occur with white to red-orange ± rusty weathered surfaces - assoc. with R dyking.

J3R - J8S

~~J10S~~

J1S - J10S

↳ pyritic, bleached samples from above zones

J2R
J4R
J6R
J9R
G2R
G4R
G10R
G8R

J5R - q, ser with blue + rose staining.

Conclusion: - q - bx not well developed and uns are not abundant - may be peripheral to mineralization.