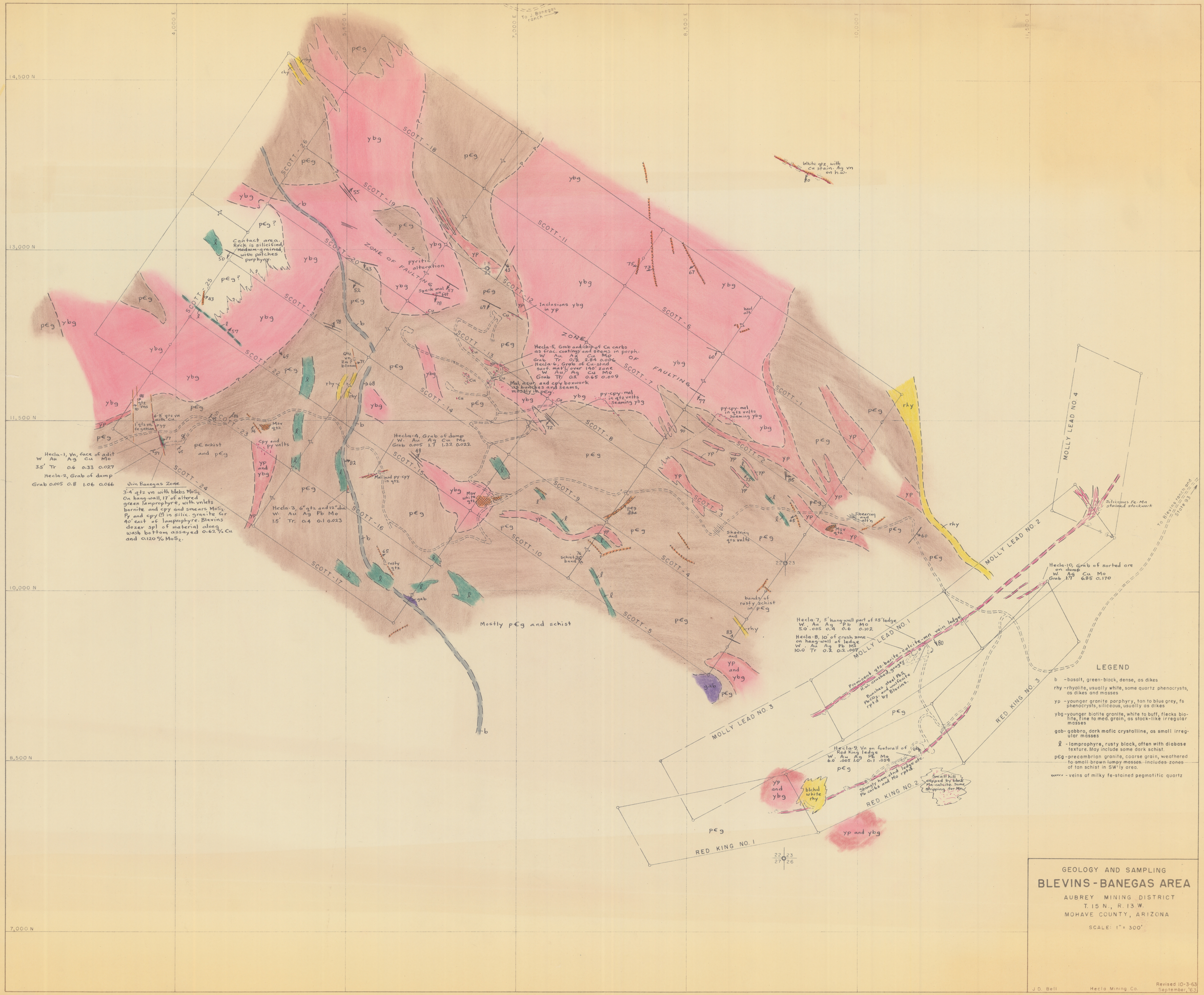

GEOLOGY AND SAMPLING
BLEVINS - BANEGAS AREA
AUBREY MINING DISTRICT
T. 15 N., R. 13 W.
MOHAVE COUNTY, ARIZONA
SCALE: 1" = 300'
LEGEND
b - basalt, green-black, dense, as dikes
rhy - rhyolite, usually white, some quartz phenocrysts, as dikes and masses
yp - younger granite porphyry, tan to blue grey, fs phenocrysts, siliceous, usually as dikes
ybg - younger biotite granite, white to buff, flecks biotite, fine to med. grain, as stock-like irregular masses
gab - gabbro, dark mafic crystalline, as small irregular masses
ℓ - lamprophyre, rusty black, often with diabase texture. May include some dark schist.
p€g - precambrian granite, coarse grain, weathered to small brown lumpy masses. Includes zones of tan schist in SW'ly area.
xxxxx - veins of milky fe-stained pegmatitic quartz
J. D. Bell
Hecla Mining Co.
Revised 10-3-63
September, '63
ZONE OF FAULTING
Mostly p€g and schist
Jim Banegas Zone
3'-4' qtz vn with blebs MoS2. On hang-wall, 17' of altered green lamprophyre, with vnlets bornite and cpy and smears MoS2. Py and cpy (?) in silic. granite for 40' east of lamprophyre. Blevins dozer spl of material along wash bottom assayed 0.62% Cu and 0.120% MoS2.
Hecla-1, Vn, face of adit
W Au Ag Cu Mo
3.5' Tr 0.6 0.33 0.027
Hecla-2, Grab of dump
Grab 0.005 0.8 1.06 0.066
Hecla-3, 6" qtz and 12" dia.
W. Au Ag Pb Mo
1.5' Tr. 0.4 0.1 0.023
Hecla-4, Grab of damp
W. Au Ag Cu Mo
Grab 0.005 1.7 1.32 0.022
Hecla-5, Grab and chip of Cu carbs as frac. coatings and seams in porph.
W Au Ag Cu Mo
Grab Tr. 0.2 2.84 0.006
Hecla-6, Grab of Cu-stnd surf. mat'l over 140' zone
W. Au Ag Cu Mo
Grab Tr. 0.2 0.65 0.009
Hecla-7, 5' hang-wall part of 25' ledge
W. Au Ag Pb Mo
5.0 .005 0.4 0.6 0.102
Hecla-8, 10' of crush zone on hang-wall of ledge
W. Au Ag Pb Mo
10.0 Tr 0.2 0.2 .007
Hecla-9, Vn on footwall of Red King ledge
W. Au Ag Pb Mo
6.0 .005 1.0 0.1 .054
Hecla-10, Grab of sorted ore on dump
W. Ag Cu Mo
Grab 1.7 6.85 0.170
Prominent qtz-barite-calcite-mn vein ledge
H.W. crushed, gougey
Bunches steel Pb, Pb CO3, and wulfenite rptd by Blevins.
Strongly hem-stnd ledge etc. Pb carbs and Mo rptd.
Small hill capped by black Mn-calcite. Some stripping for Mn.
Silicous Fe-Mn stained stockwork
White qtz, with Cu stain. Ag vn on h.w.
Contact area. Rock is silicified, medium-grained, with patches porphyry.
pyritic alteration
Inclusions ybg in yp
Mal, azur. and cpy boxwork as bunches and seams, mostly in p€g.
py-cpy-mal in qtz vnlts seaming ybg
Mal land py-cpy in qtz
Cpy and py vnlts
Shearing and qtz vnlts
Shearing and alt'n
bands of rusty schist in p€g
Mostly p€g and schist
MOLLY LEAD NO. 1
MOLLY LEAD NO. 2
MOLLY LEAD NO. 3
MOLLY LEAD NO. 4
RED KING NO. 1
RED KING NO. 2
RED KING NO. 3
To J. Banegas ranch
To Blevins ranch and State 93
SCOTT-1
SCOTT-2
SCOTT-3
SCOTT-4
SCOTT-5
SCOTT-6
SCOTT-7
SCOTT-8
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SCOTT-21
SCOTT-22
SCOTT-23
SCOTT-24
SCOTT-25
SCOTT-26
14,500 N
13,000 N
11,500 N
10,000 N
8,500 N
7,000 N
4,000 E
5,500 E
7,000 E
8,500 E
10,000 E
11,500 E