1940 0066 Garfield

500tpd Operation cu prices @ .52

Open pit mining operations
Overburden varies from 0' to 60' in depth.
Average haul 2.5 mile

Assays cu values range 1.50 % to 27%
Operation should be geared to operate at 2% head values = $20.80 @ ton.

Average cost mining, stripping and hauling to millsite $3.60 @ ton, based on net cost.

Leaching plant cost based on crushing to ½" min. Screening to 1/8" min.
All 1/8" min. to scrubber and open circuit agitators.

½" min. plus 1/8" mesh to heap leach pads for treatment. App. cost $3.90 @ ton.

Note: Cost depending on lime ores to siliceous ore ratio, involving acid losses.

Giving a total mining & milling cost of $7.50. Balance $13.30 per ton gross profit on 2% ore, based on 100% recovery.

Estimate recovery 90% = to adjusted gross profit of $11.22 per ton.
500tpd = $5,610.00 @ day.
This does not include amortizing plant or mining equipment.

These figures do not include the by-products of silver or tungsten. In this mill complex there would be installed a grinding and recovery circuit for rare metals, such as gold and silver mined from our own properties and some custom ores being bought.

It might be advisable in the future to add a small circuit for the purpose of handling mercury ores which can be acquired very easily.

As the housing situation is below normal in this location there would have to be eight or ten, two bedroom homes built for rental purposes for key supervision.

El Paso Natural Gas Company

El Paso, Texas 79999

February 17, 1971

Mr. J. M. Reynolds
P. O. Box 125
Mina, Nevada 89422

Dear Joe:

I had planned to return the maps with a copy of my sample assay results, but the El Paso lab that does our analytical work is having trouble with their atomic absorption unit. It may be another day or two before it is repaired, so I will wait until all the assays are complete to send you that information.

The area you had planned to strip and mine is interesting and my sample across 55-60 feet assayed 0.58% copper and 0.40 ounce silver, which is a good check on Jay's sample of 0.67% copper. Two other sample locations also checked favorably with Mr. Evans' work. The presence of molybdenum reported in the previous work on the property is also interesting and most of my samples are to be analyzed for moly by atomic absorption method.

One of the reasons El Paso Natural Gas Company could not consider an exploration program is that we do not like to make a down payment for the privilege of spending a minimum of about twice that amount in drilling the property. We do not object to a down payment if a property has been drilled and can be shown to have blocked-out reserves.

It was good to see you and Jay again, and I would like to thank you for allowing us to look at the property and wish you the best of luck in having some exploration undertaken on the claims. We are returning the Evans Report to Mr. Gable and I will send you our assay results in a few days.

Yours truly,

H. C. Lewis

H. C. Lewis
Geologist
Mining Division

HCL:tcb

El Paso Natural Gas Company

El Paso, Texas 79999

March 3, 1971

Mr. J. M. Reynolds
P. O. Box 125
Mina, Nevada 89422

Dear Joe:

I now have all my sample data complete on the Blue Ribbon property. They are as follows:

Location	Au (oz.)	Ag (oz.)	Pb	Zn	Cu	Mo
Grab-bottom open-pit area	Tr.	0.10	800 ppm	1570 ppm	1222 ppm	25 ppm
Bench above " " to north					1282 ppm	18 ppm
12' Chip open-cut face (checks Evans sample 0.43% Cu)					0.39%	12 ppm
Soil samp. 150' W. open-pit					349 ppm	20 ppm
Soil samp.-Top of Hill					1240 ppm	19 ppm
Bulldozed cut NW side hill					184 ppm	26 ppm
Backhoe cut dump (Checks Evans sample 0.14% Cu)					0.07%	9 ppm

A dump sample from the tungsten workins on Blue Ribbon No. 1 was 0.26% Cu, 0.003% WO_3, and 26 ppm Mo. This is the long vertical vein parallel to the road.

Three rock chip samples were taken along the road southeast of the large dump at the inclined shaft near the east side line of the Blue Jacket No. 1 claim and these ran Tr. copper, 3 ppm Mo, Tr. copper, 31 ppm Mo, and 0.18% Cu, 10 ppm Mo.

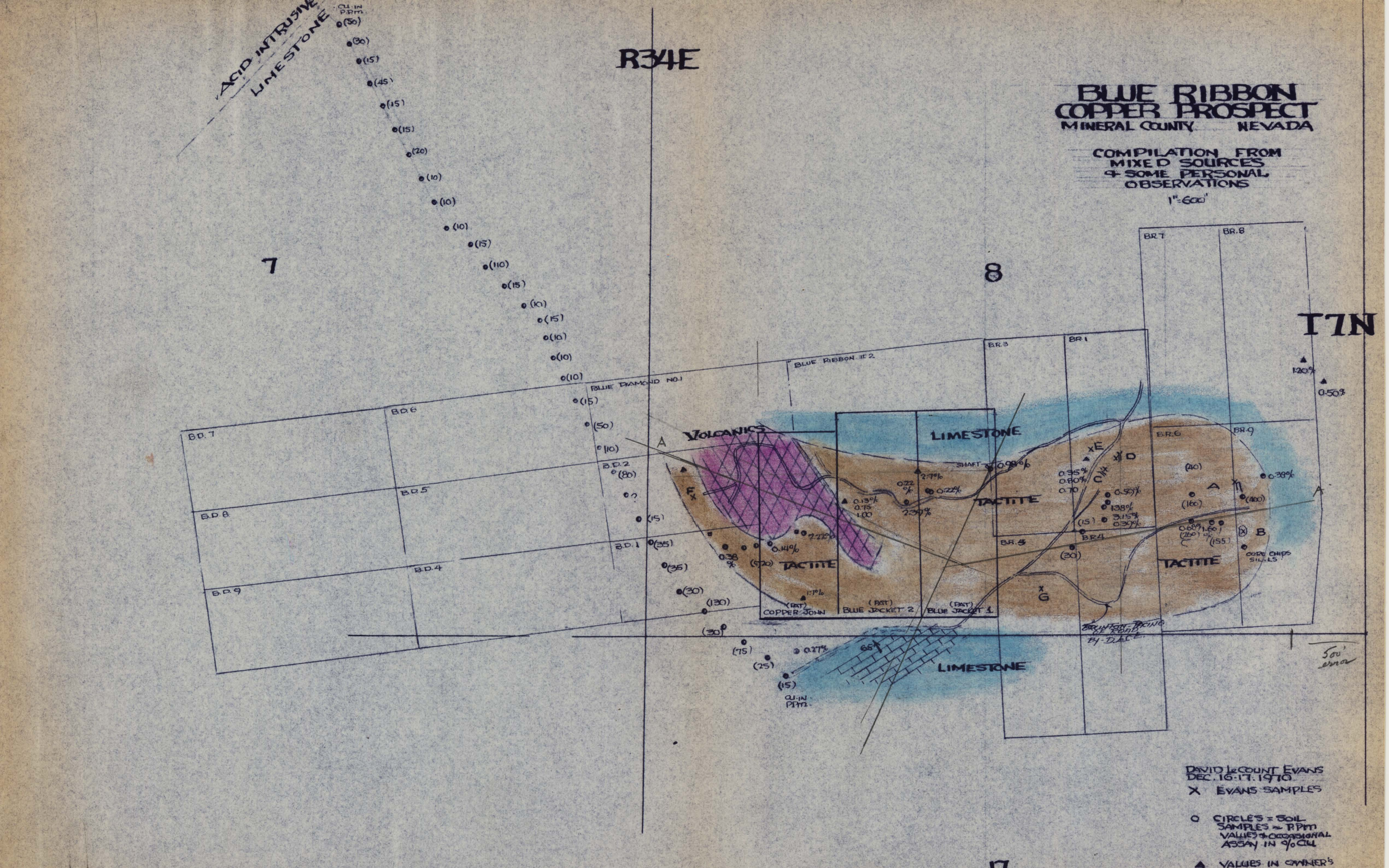
The 55-60 foot surface chip sample on the Blue Diamond No. 2 claim, where you planned to strip and mine assayed Tr. gold, 0.40 oz. silver, 0.58% copper, and 126 ppm molybdenum. This checks Jay's sample of 0.67% very well. A sample from this same location of the black mineral, which I thought might be tenorite, assayed only a trace in copper so it might be a manganese mineral instead. From one of your fresh dozer cuts just below the saddle on the road that goes to the west and back to Luning, I took a rock chip in the iron-stained flow rock that went 243 ppm Cu and 19 ppm Mo.

It is an interesting prospect, Joe, and I would like to wish you success in having some exploration carried out on the claims. Would also like to thank you and Mrs. Reynolds for the hospitality at Mina.

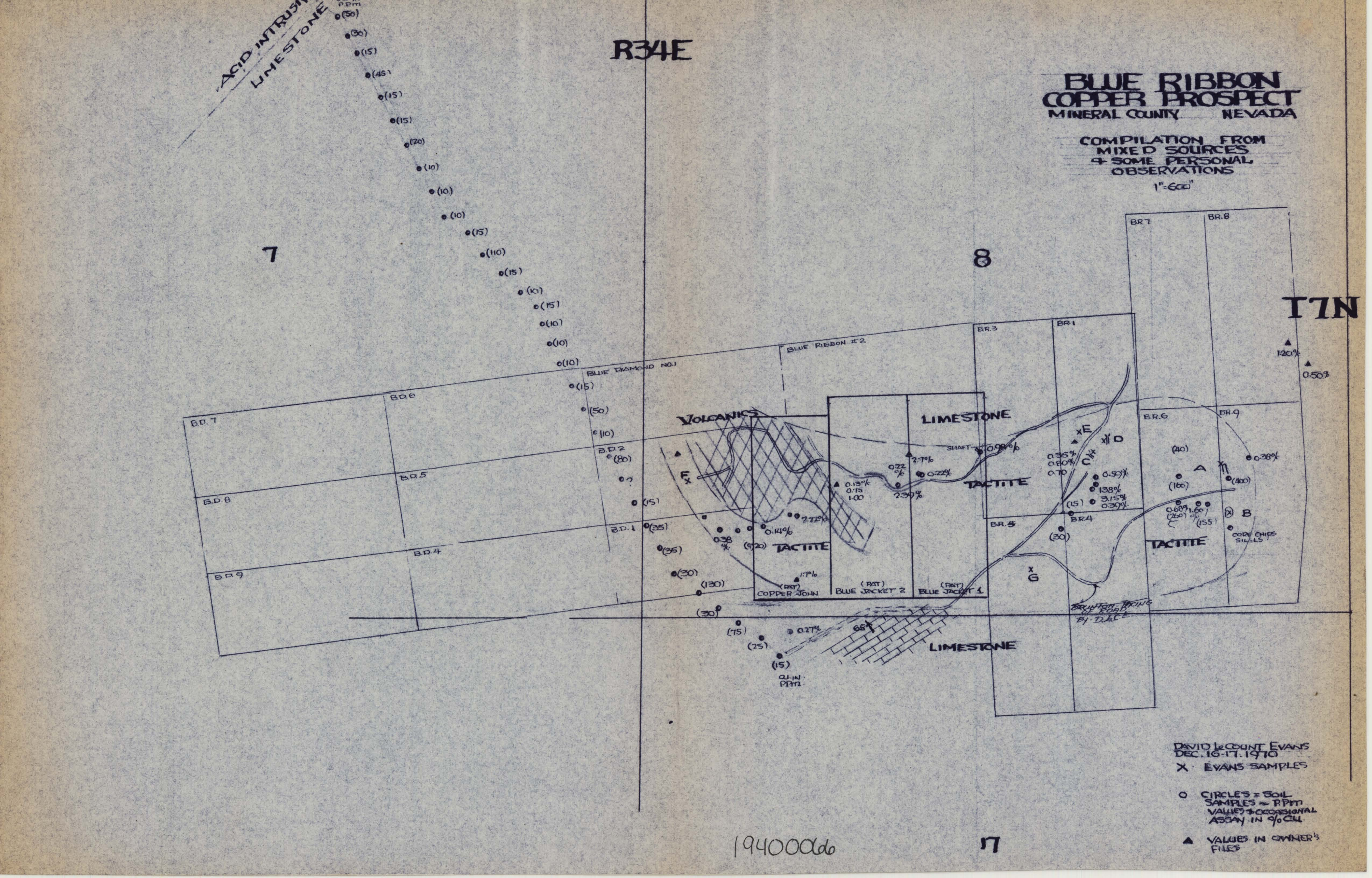
Yours truly,

H. C. Lewis (by TCB)
Geologist
Mining Division

HCL:tcb


BLUE RIBBON
COPPER PROSPECT
MINERAL COUNTY NEVADA
COMPILATION FROM
MIXED SOURCES
& SOME PERSONAL
OBSERVATIONS
1"=600'
R34E
T7N
7
8
17
ACID INTRUSIVE
LIMESTONE
CU. IN P.P.M.
BLUE DIAMOND NO.1
BLUE RIBBON #2
B.D.7
B.D.6
B.D.8
B.D.5
B.D.9
B.D.4
B.D.2
B.D.1
BR.7
BR.8
BR.3
BR.1
BR.6
BR.9
BR.5
BR.4
VOLCANICS
LIMESTONE
TACTITE
TACTITE
TACTITE
LIMESTONE
SHAFT
(PAT) COPPER JOHN
(PAT) BLUE JACKET 2
(PAT) BLUE JACKET 1
CORE CHIPS SILLS
CU. IN P.P.M.
DAVID LeCOUNT EVANS
DEC. 16-17. 1970
X EVANS SAMPLES
O CIRCLES = SOIL SAMPLES ~ P.P.M. VALUES & OCCASIONAL ASSAY IN % CU
▲ VALUES IN OWNER'S FILES

19400066


BLUE RIBBON
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MINERAL COUNTY NEVADA
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MIXED SOURCES
& SOME PERSONAL
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TACTITE
TACTITE
LIMESTONE
COPPER JOHN
BLUE JACKET 2
BLUE JACKET 1
SHAFT
BRUNTON-PACING
ROAD
CORE CHIPS
Cu IN PPM
DAVID LeCOUNT EVANS
DEC. 16-17, 1970
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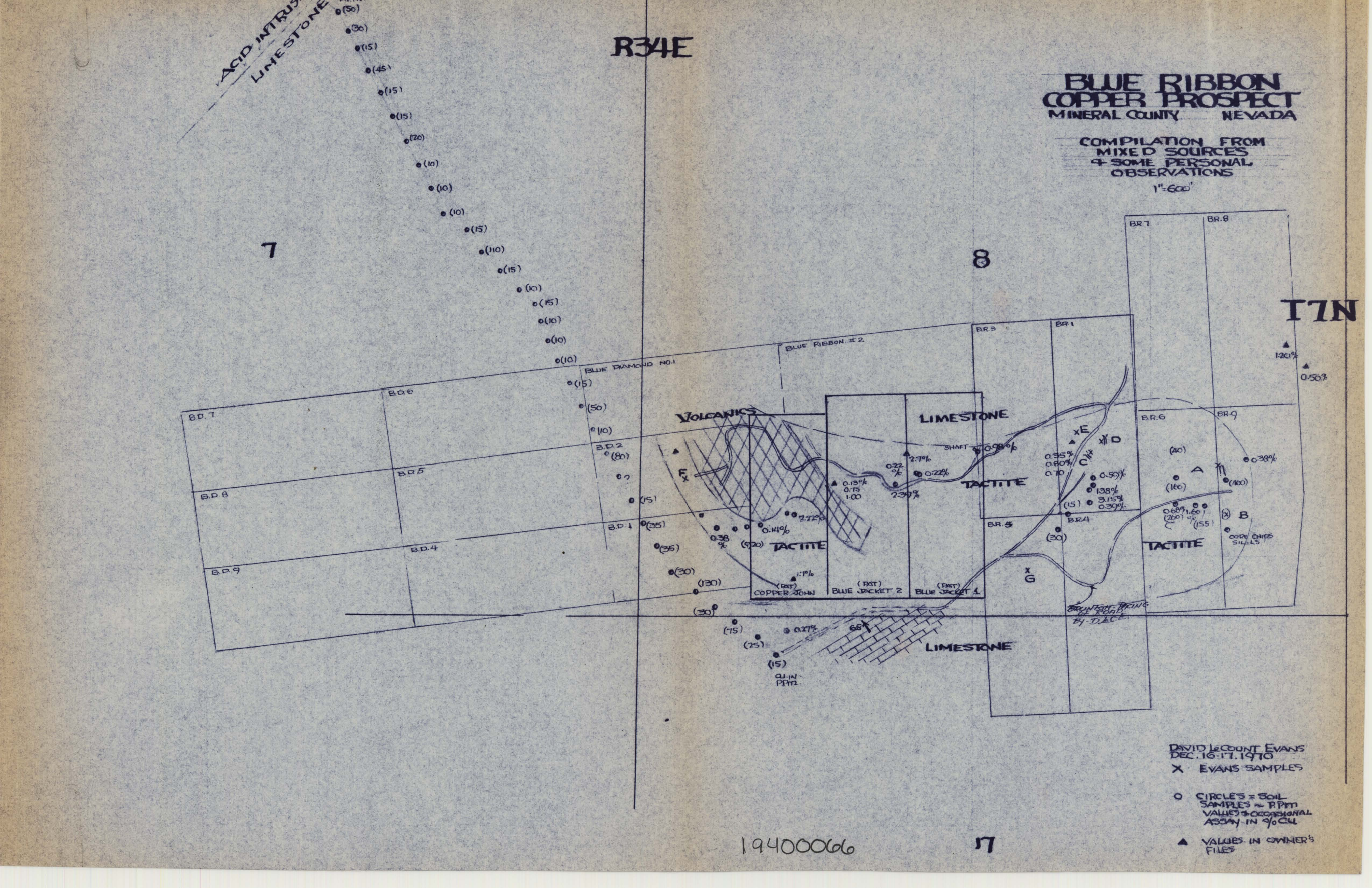
O CIRCLES = SOIL SAMPLES – P.PM VALUES & OCCASIONAL ASSAY IN % Cu.
▲ VALUES IN OWNER'S FILES
1940006


BLUE RIBBON
COPPER PROSPECT
MINERAL COUNTY NEVADA
COMPILATION FROM
MIXED SOURCES
& SOME PERSONAL
OBSERVATIONS
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B.D.9
BR.1
BR.3
BR.4
BR.5
BR.6
BR.7
BR.8
BR.9
CORE CHIPS SILLS
Cu IN PPM
DAVID LeCOUNT EVANS
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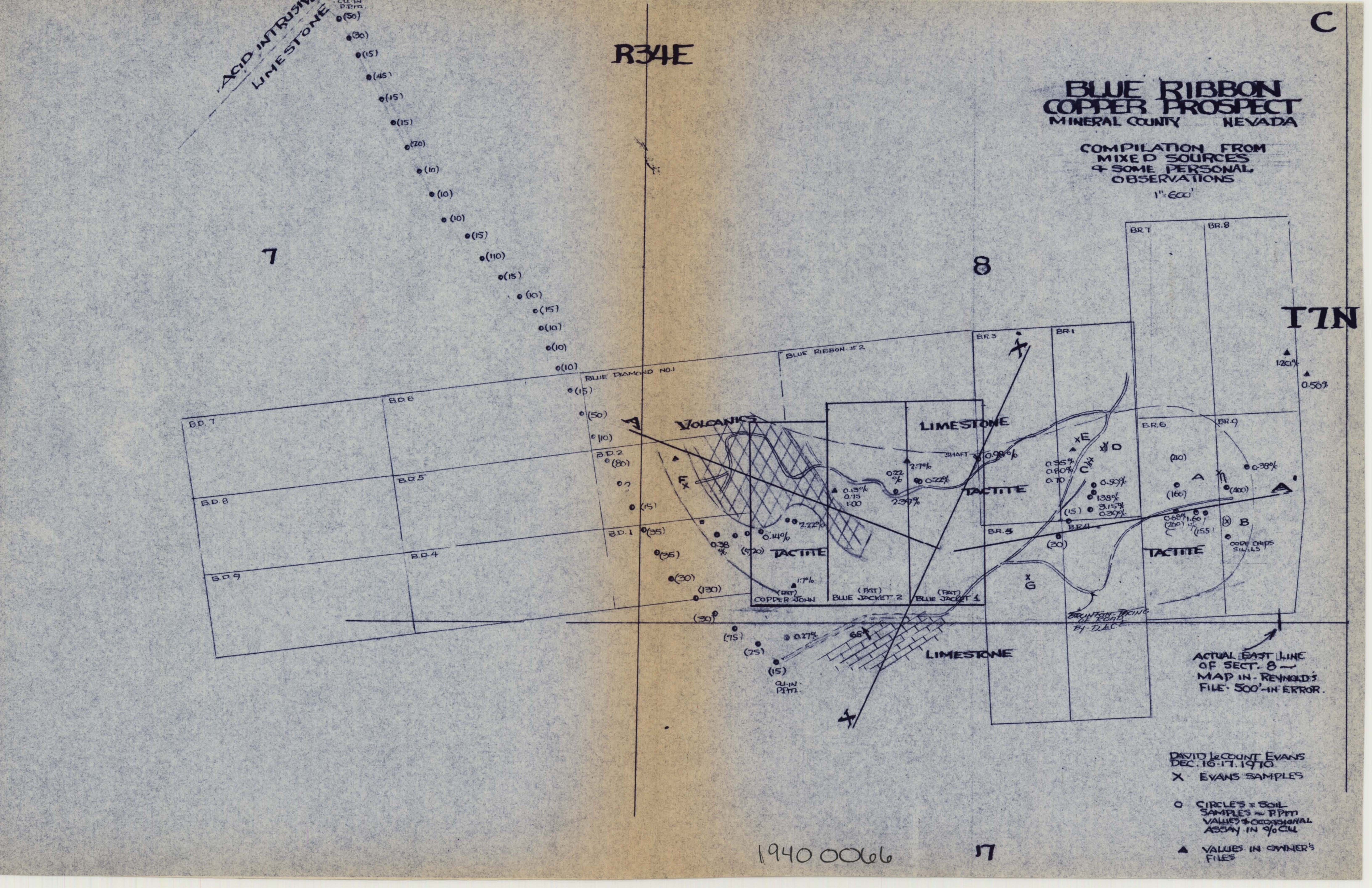
C
BLUE RIBBON COPPER PROSPECT
MINERAL COUNTY NEVADA
COMPILATION FROM MIXED SOURCES + SOME PERSONAL OBSERVATIONS
1"=600'
R34E
T7N
7
8
17
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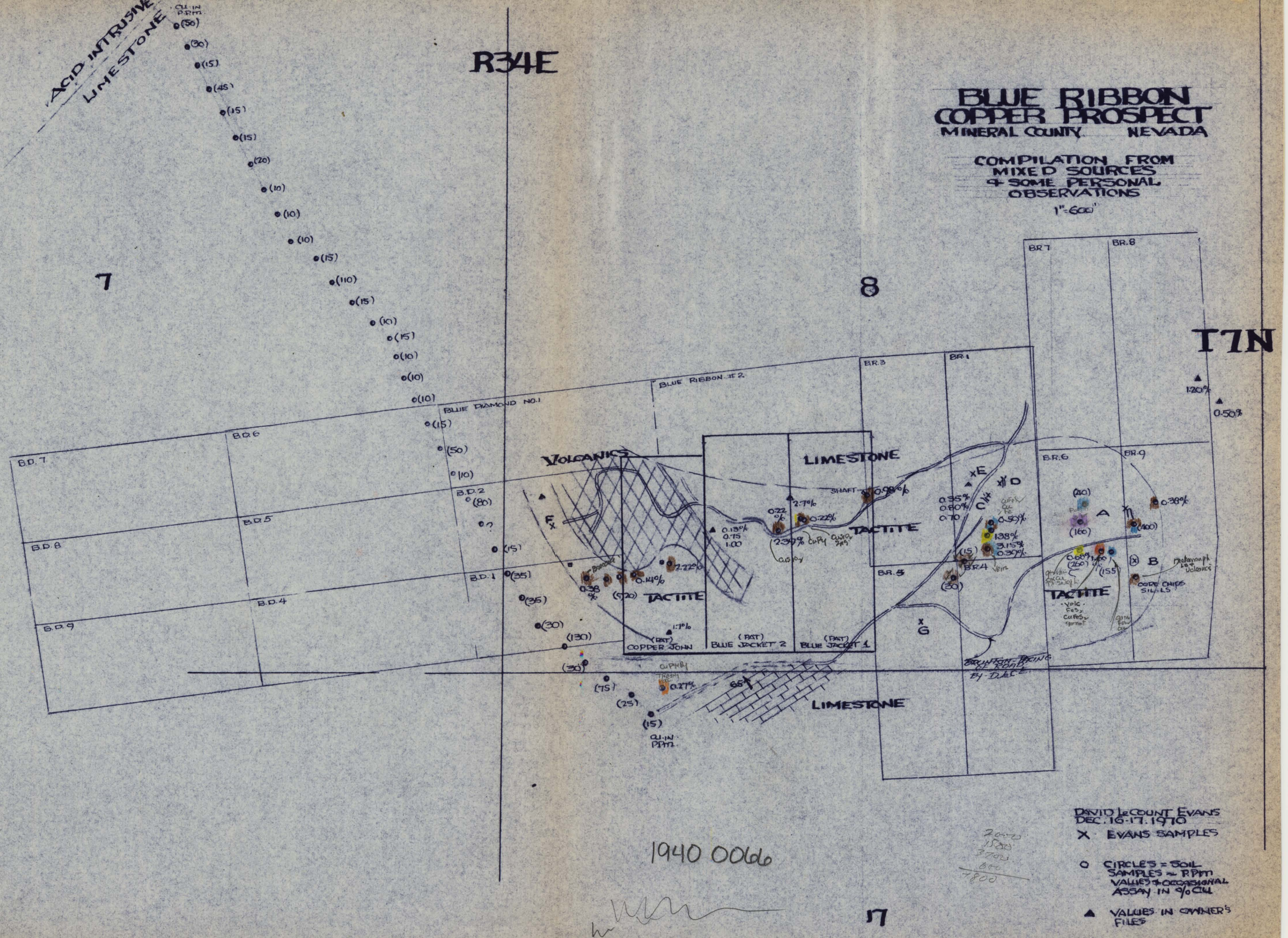
LIMESTONE
Cu in PPM
BLUE DIAMOND NO. 1
BLUE RIBBON #2
B.D. 7
B.D. 6
B.D. 2
B.D. 5
B.D. 8
B.D. 1
B.D. 4
B.D. 9
BR 3
BR 1
BR 7
BR 8
BR 6
BR 9
BR 5
BR 4
VOLCANICS
LIMESTONE
TACTITE
TACTITE
TACTITE
TACTITE
LIMESTONE
SHAFT
(PAT) COPPER JOHN
(PAT) BLUE JACKET 2
(PAT) BLUE JACKET 1
CORE CHIPS SILLS
BRUNTON TAPING OF ROAD BY D.L.E.E.
ACTUAL EAST LINE OF SECT. 8 — MAP IN REYNOLD'S FILE 500' IN ERROR.
DAVID LeCOUNT EVANS
DEC. 16-17. 1970
X EVANS SAMPLES
O CIRCLES = SOIL SAMPLES ~ PPM VALUES & OCCASIONAL ASSAY IN % Cu
▲ VALUES IN OWNER'S FILES
1940 0066


BLUE RIBBON
COPPER PROSPECT
MINERAL COUNTY NEVADA
COMPILATION FROM
MIXED SOURCES
& SOME PERSONAL
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B.D.1
B.D.8
B.D.9
BR.7
BR.8
BR.3
BR.1
BR.6
BR.9
BR.5
BR.4
(PAT) COPPER JOHN
(PAT) BLUE JACKET 2
(PAT) BLUE JACKET 1
SHAFT
0.98%
0.22%
2.7%
0.22%
2.39%
0.13%
0.75
1.00
0.14%
2.22%
0.38%
1.1%
0.27%
0.35%
0.80%
0.70
0.55%
1.38%
3.15%
0.39%
0.38%
1.20%
0.50%
A
B
D
E
F
G
CORE CHIPS
DAVID LeCOUNT EVANS
DEC. 16-17. 1970
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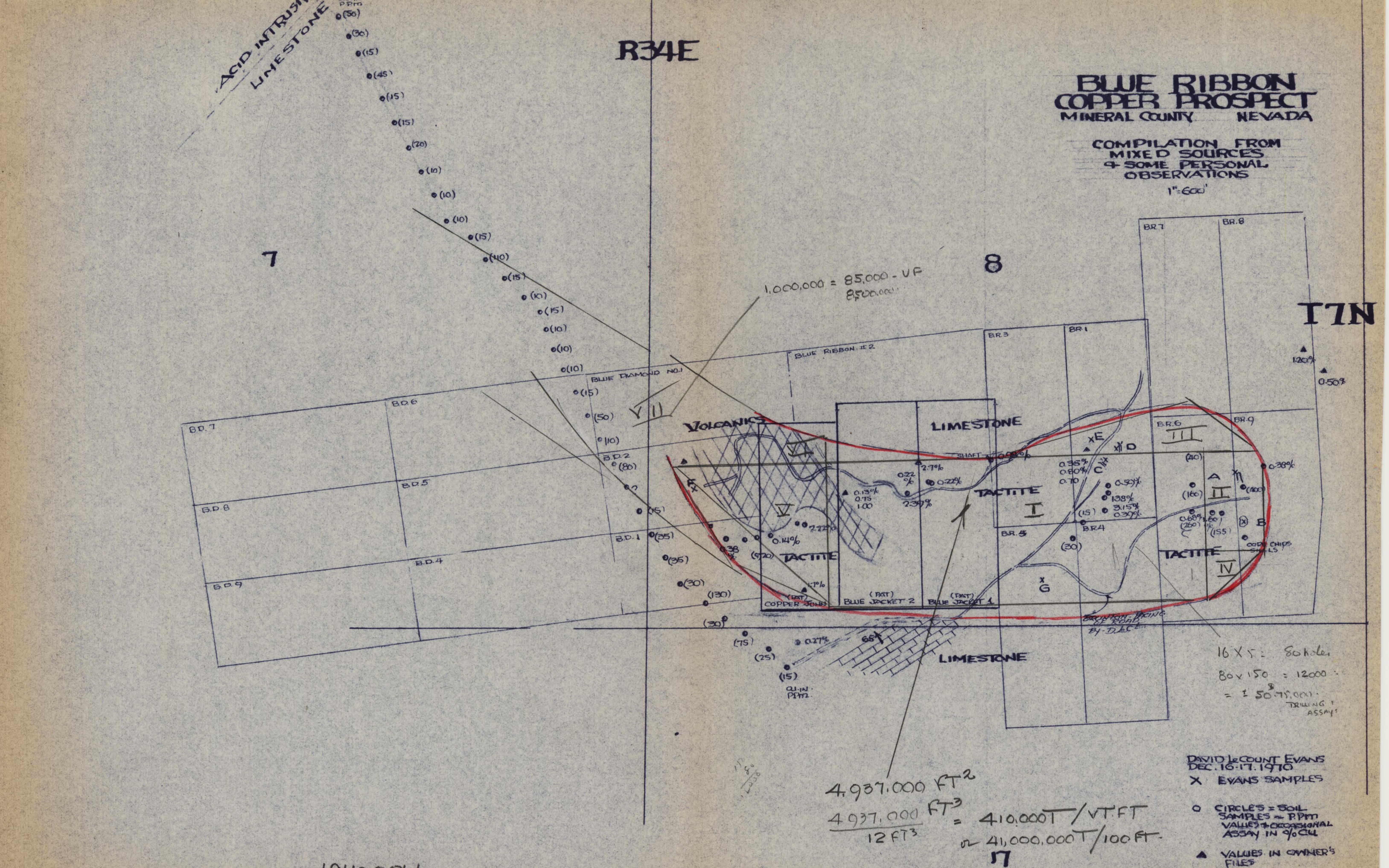
BLUE RIBBON COPPER PROSPECT
MINERAL COUNTY NEVADA
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1" = 600'
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LIMESTONE
VOLCANICS
LIMESTONE
TACTITE
TACTITE
TACTITE
LIMESTONE
BLUE DIAMOND NO. 1
BLUE RIBBON #2
(PAT) COPPER JOHN
(PAT) BLUE JACKET 2
(PAT) BLUE JACKET 1
SHAFT
1,000,000 = 85,000 - VF
16 X 5 = 80 holes
80 x 150 = 12000
= $ 50 75,000
DRILLING & ASSAYS
4,937,000 FT²
4,937,000 FT³ / 12 FT³ = 410,000 T / VT FT
or 41,000,000 T / 100 FT
DAVID LeCOUNT EVANS
DEC. 16-17, 1970
X EVANS SAMPLES
O CIRCLES = SOIL SAMPLES ~ P.P.M. VALUES & OCCASIONAL ASSAY IN % Cu
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