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03/20/90

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: GOLD DOT GROUP

ALTERNATE NAMES:
YARBO
YABA CARROLL
SANTA ROSA #1 & 2

YAVAPAI COUNTY MILS NUMBER: 988

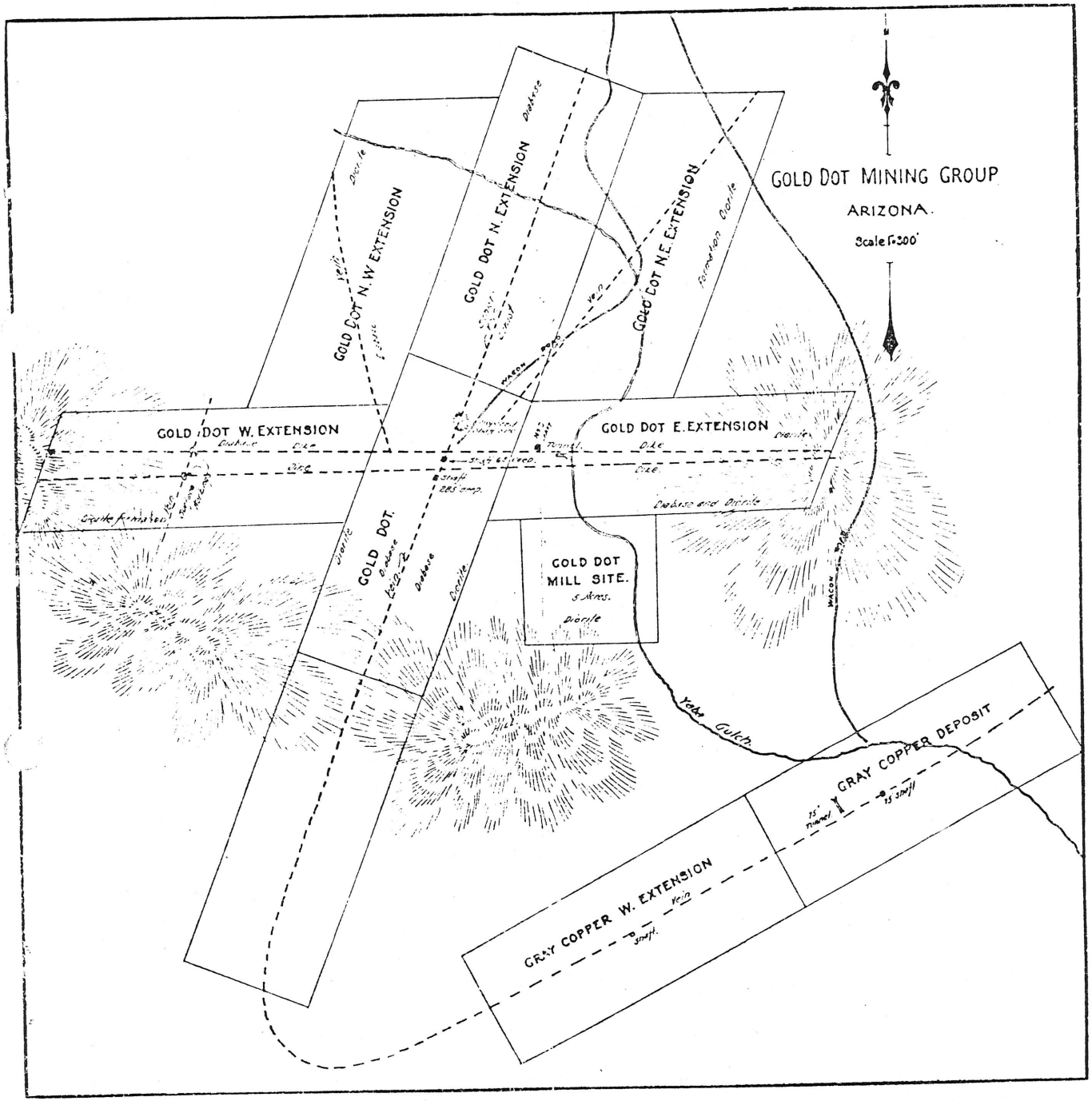
LOCATION: TOWNSHIP 13 N RANGE 2 E SECTION 33 QUARTER SE
LATITUDE: N 34DEG 27MIN 32SEC LONGITUDE: W 112DEG 07MIN 52SEC
TOPO MAP NAME: MAYER - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
SILVER
COPPER
GOLD
LEAD
ZINC

BIBLIOGRAPHY:
ADMMR GOLD DOT GROUP FILE
USGS MAYER QUAD
USGS BULL B-1336, PLATE 2
ADMMR YABA COPPER CO COLVO FILE

YABA COPPER COMPANY



CLAIM MAP

YABA COPPER COMPANY

PRESCOTT
ARIZONA

SILVER
LEAD
GOLD
COPPER

AN OPPORTUNITY FOR INVESTMENT WITH MORE THAN THE AVERAGE CHANCE OF SURE RETURNS

NUMBER	FILE	CONT	CONT1	PRINAME
988	F	0	N	GOLD DOT GROUP

ALTNAME1	ALTNAME2
YARBO	YABA CARROLL

ALTNAME3	ALTNAME4
SANTA ROSA #1 & 2	

ALTNAME5	ALTNAME6

CURSTAT	MNAME	NLATDEG	NLATMIN
PAST PRODUCER	MAYER - 7.5 MIN	34	27

NLATSEC	WLONGDEG	WLONGMIN	WLONGSEC	TOWN	RANGE	SECTION	QUARTER	COM1
32	112	07	52	13 N	2 E	33	SE	AG

MODI1	COM2	MODI2	COM3	MODI3	COM4	MODI4
	CU	SULFIDE	AU		PB	

COM5	MODI5	COM6	MODI6	COM7	MODI7
ZN					

BIB1
ADMMR GOLD DOT GROUP FILE

BIB2
USGS MAYER QUAD

BIB3
USGS BULL B-1336, PLATE 2

BIB4
ADMMR YABA COPPER CO COLVO FILE

BIB5

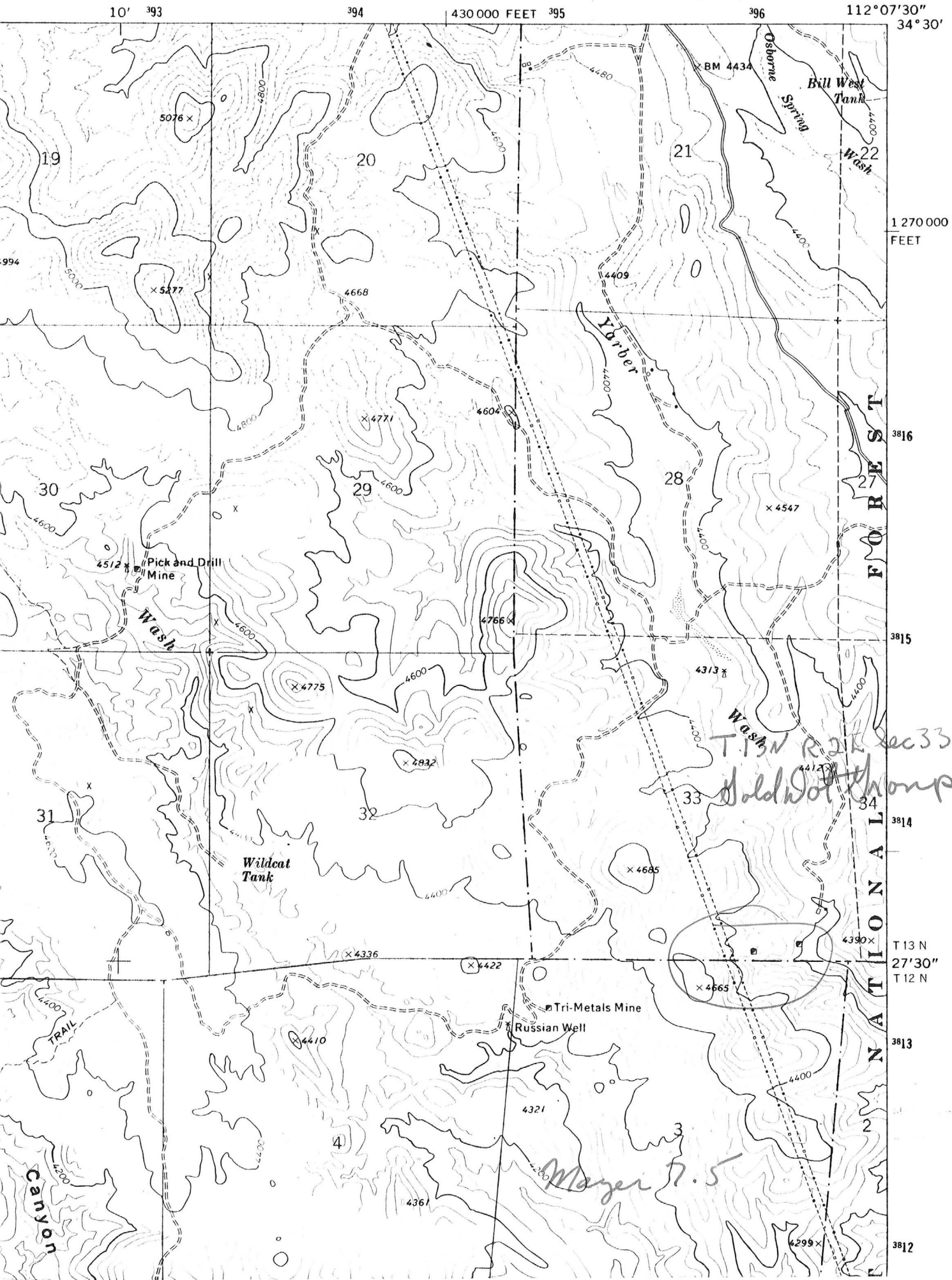
BIB6

BIB7

BIB8

ARIZONA—YAVAPAI CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 MAYER 15' QUADRANGLE

3553 II S.
(CHERRY)



Conclusions

It is suggested that several more channel samples along the vein in the inclined shaft above and below original sample # 4 be cut.

After the recommended addtional samples have been taken this property can be more acurately evaluated.

Robert G. Raabe

Robert G. Raabe

Intra-Company Correspondence

SHATTUCK DENN MINING CORPORATION
and
SUBSIDIARIES

Engineering Geology
Office

December 19, 1960
Date

TO: D. M. Kentro

SUBJECT: Examination of the Yaba Carroll Mining property

Summary

An unexpected value in silver, 25.9-32.0 ounces ton, from a five foot channel sample at the Yaba Carroll Mine indicates this property may have some merit.

A return visit to the mine to cut additional samples is recommended.

General

On December 13, 1960 the Yaba Carroll mining property was examined and channel samples were taken at four locations.

The Yaba Carroll Mine is reached from Dewey, Arizona via Cherry Creek Road. From Dewey travel 5.5 miles to state highway # 79 (gravel road) and turn south--proceed for 5.8 miles to the Yaba Carroll Mine turnoff (take right fork approximately 3 miles).

Mining

Development work along the vein consists of a 65 foot shaft, a 285 foot inclined shaft and a 200 foot tunnel.

The Arizona Bureau of Mines has no production records of the Yaba Carroll Mine.

Geology and Samples

The Yaba Carroll Mine consists of essentially a quartz replacement of filling in a shear zone defining a vein about 5 feet in width. At sample points # 1, # 2 and # 3 in the tunnel the vein is characteristically gougy consisting of limonite stained quartz, sericite and clay minerals. At sample point # 4 in the inclined shaft the vein is essentially a quartz replacement or filling with small amounts of sulphide minerals visible.

	Au	Ag	Pb	Zn	Cu
Sample # 1	0.03	tr	tr	nil	0.06
# 2	0.05	tr	tr	nil	0.06
# 3	0.04	tr	tr	nil	0.04
# 4	0.09	25.9	1.1	1.0	0.30

Because of the relatively high content of silver in sample # 4 the pulp was reassayed 11 19 60.

Sample # 4 reassayed for Ag 32.0

Intra-Company Correspondence

SHATTUCK DENN MINING CORPORATION

and

SUBSIDIARIES

Humboldt Office

Date [illegible]

TO: Mr. O. H. Sundeen

FROM: J. Olaf Sund

SUBJECT: MABA CARROLL MINING
of Mr. & Mrs. Carroll
P. O. Box 47, Dewey, Arizona

METALS: Gold, Silver and Copper.

RECOMMENDATIONS: A pre-examination; note property report Dec. 19, 1960 & Jan 13, 1961 both by R. G. Raabe to D. M. Kentro

TERMS: Small cash down and modest royalty of N.S.R.

LOCATION: In section 33 of township 12½ north and range 2 east. Access is by gravel road approximately 14 miles east and south from Dewey.

GEOLOGY: The property is underlain by mainly andesitic breccias with interbeds of tuffaceous sedimentary rocks. A number of gabbro and diorite dikes and or sills of uncertain dimensions cross this local area. The volcanics are somewhat sheared, especially near the intruded dikes and within distinct localized shear zones along which quartz veins have been intruded.

[illegible] The above quartz veins has been exposed by underground mining from shafts at [illegible] different locations during the early 1920's. One of these shafts was sampled by Raabe, the results of which are summarized as representing 9.427 ounces per ton across an average width of 37.5 inches. Gold, lead, zinc, and copper are of such minor quantities that they will have very little effect on the overall grade.

Check sampling by the writer confirmed these results from the above shaft, which is to say that erratic high silver values occur but the general grade may be low.

Another adit to the south on an adjacent claim was systematically sampled. The quartz vein in this latter mining effort is undoubtedly the same structure as the former which was sampled by Raabe. The results from the assaying are as follows:

Sample No.	Location	Material	Au	Ag	Pb	Zn	Cu
11636		Rusty Shear	Tr	Tr	Tr	Nil	0.03
11637		Rusty Shear	0.06	Tr	Tr	Nil	0.06
11638	At End	Qtz. Vein	0.14	1.0	-	-	0.18
11639	North 36'	Extra Qtz.Vein	Tr	Tr	-	-	0.08
11640	North 72'	Qtz. Vein	.48	0.3	-	-	0.14
11641	North 120'	Qtz. Vein	Tr	Tr	-	-	0.03
11642	North 200'	Qtz. Vein	Tr	Tr	-	-	0.07

Sample No.	Location	Material	Au	Ag	Pb	Zn	Cu
1165[illegible]	North 2[illegible]0'	Carbonated Shear	Tr	Tr	-	-	0.0[illegible]
1[illegible]	North 2[illegible]0'	Qtz. Vein	Tr	Tr	-	-	0.1[illegible]
1163[illegible]	North 3[illegible]0'	Qtz. Vein	Tr	0.[illegible]	-	-	0.0[illegible]
(and from shaft sampled by Raabe--50' Depth)							
1164[illegible]	2' wide	Qtz. Vein	.0[illegible]	31.9	-	-	0.20
1165[illegible]	2' wide	Qtz. Vein	.0[illegible]	1[illegible].2	-	-	0.12
1164[illegible]	1' wide	Qtz. Vein	.0[illegible]	50.5	-	-	0.1[illegible]
(and from mine dump from above shaft)							
1163[illegible]	Dump	Qtz.	.[illegible]	2.2	-	-	0.12
1163[illegible]	Dump	Qtz	.1-	26.9	-	-	0.1[illegible]

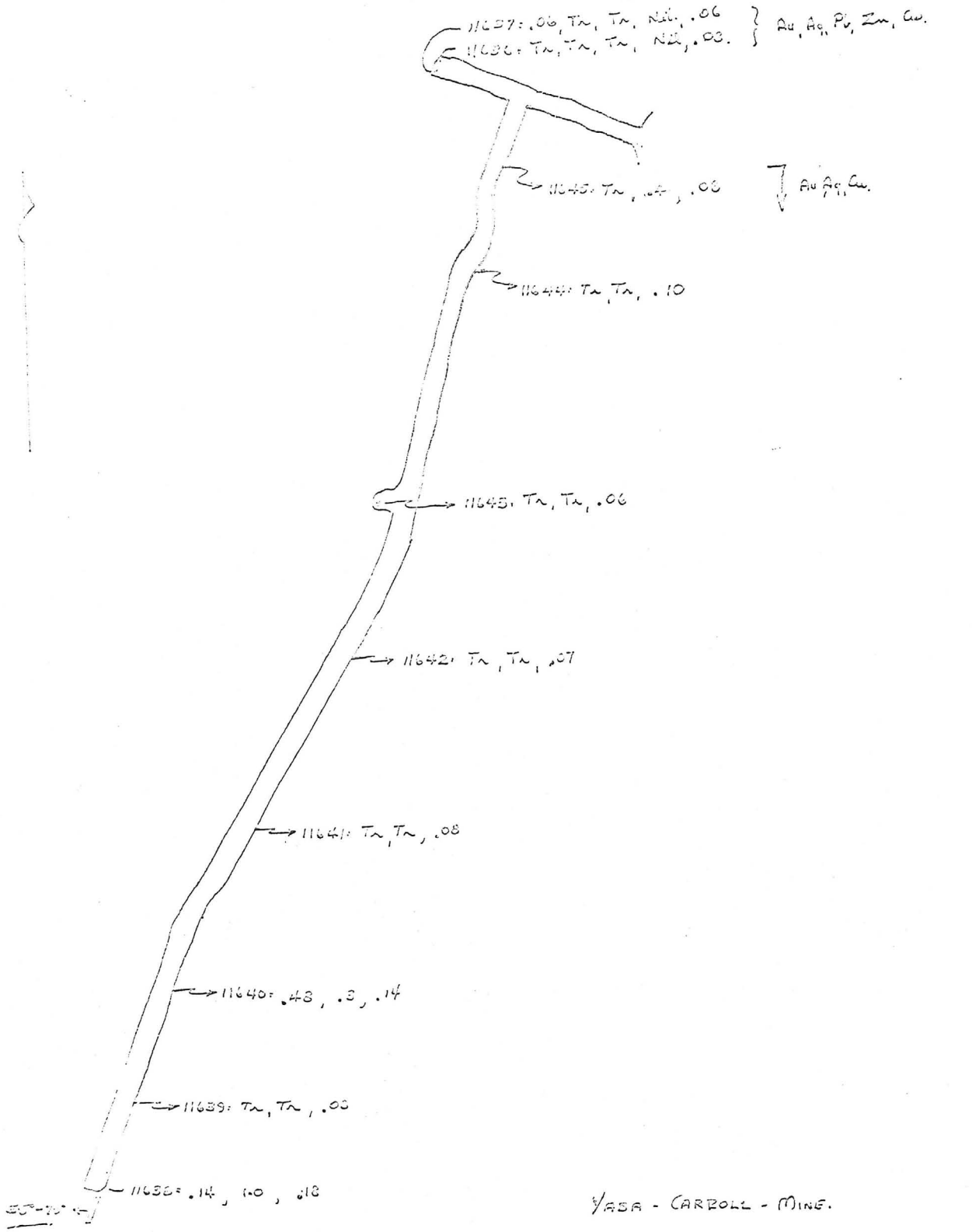
Samples were also collected from old diggings on quartz veins and sheared parts within the dioritic dikes.

1161[illegible]	Rusty Breccia	Tr	Tr	0.1	-	0.02
1160[illegible]	Rusty Breccia	Tr	0.1	Tr	nil	0.01
1170[illegible]	Qtz. Vein	Tr	0.3	-	-	0.09
1170[illegible]	Qtz. Vein w/malachite	Tr	7.1	-	-	3.24

CONCLUSIONS: The quartz veins that are restricted to sheared zones in lavas and diorites are characterized by a general low tenor of mineralization with only occasional erratic high silver values.

There is no geological reason to expect the grade to increase at other points and hence no further interest should be taken in this property.

This was essentially the same conclusion made by R.G. Raabe in 1960.



YABA - CARROLL - MINE.

PLAN OF ONE of TUNNELS SAMPLED

SCALE 1" = 50'

DRIFT ALONG QUARTZ VEIN WHICH VARIES from 6" TO 18"

COMPANY

PRESCOTT - ARIZONA

OFFICERS

A. J. CARROLL, Pres. - - PRESCOTT
R. T. BOWLING, Vice-Pres. - - JEROME
M. CARROLL, Secy-Treas. - PRESCOTT

FOR information of the many who have made inquiry in regard to the Yaba Copper Company, we present here data that will convey general information and statements that are conservative facts.

The property consists of six full mining claims, each being 1500 feet in length by 600 feet in width; namely, Gold Dot, Gold Dot North Extension, Gold Dot West Extension, the Gold Dot East Extension, Gold Dot Northeast Extension, and Gold Dot Northwest Extension. The Gold Dot and the Gold Dot North Extension which are most important of the group, cover an unbroken line of 3000 feet on an immense cross fracture lode, with the Gold Dot West Extension lying adjacent on a parallel lode, while apparently, a strong branch of the Gold Dot gives place to the Gold Dot East Extension.

There is also a Millsite and a water right owned by this company.

LOCATION

THE property is located about six miles to the east ward of the Consolidated Arizona Smelting Company's plant at Humboldt, Yavapai County, Arizona, in Yaba Gulch, Agua Fria Mining District and tributary to the Prescott and Eastern Ry. Jerome lies 15 miles to the north, and it is believed with strong evidence guided by conditions, that the line of ore deposition is a direct southerly continuation of the United Verde of that place.

THE country enclosing the veins, as well as the surrounding region, is chiefly diabase; in instances in massive dykes; more often schistose, and highly metamorphosed. In this rock alteration and leaching have proceeded to an enormous extent. Adjacent to the vein system and particularly the Gold Dot vein, the transition has been so great that the ferromagnesian minerals have almost or wholly disappeared, leaving cellular or spongy masses containing much iron sesquioxide as a result of the oxidation. In other instances the diabase schist has been heavily kaolinized, at times stained with chlorite minerals; often containing limonite, while sections may be wholly bleached.

Throughout the diabase occur intrusions of diorite and dioritic porphyry, unaltered, save where neighboring the property.

CHARACTERISTICS

THE formation is very similar to that of the United Verde at Jerome and also has characteristics of the ore of the Old Dominion at Globe. The Gold Dot vein is due to a great fracture cross the stratification of the diabase and diabase schist. The diorite along the court of the fissure suffered equally in the movement. In this movement a zone of crushed material, approximately 25 feet in width, resulted; which through pressure became banded, yet full of seams and cross joints. Here was a most favorable seat for the deposition of large ore bodies. The vein filling matter consists largely of kaolinized materials containing much iron sesquioxide, particularly as depth is gained; talcose, quartz, jasper, gold, silver, lead and copper. In the lower workings large masses of cellular quartz and jasper containing spongy iron oxides with particles of copper oxides, give assurance that large bodies of copper minerals will result at greater depth. Some copper sulphides are already appearing.

DEVELOPMENT

DEVELOPMENT consists of a shaft on the Gold Dot along the strike open to a depth of 150 feet. Another shaft about 100 feet north is down 65 feet both shows ore carrying values in silver, gold and lead. No. 3 shaft is the new work shaft, being sunk 6x10 is down to a depth of 30 feet. Also several minor shafts and cuts exist on other portions of the group, some of which show good ore.

SEVERAL carloads of ore have been shipped from this property—some of which sent to the smelter gave a value of $186.70 per ton. Principle value was silver. Silver was only 60. pr. oz. in these shipments, which was taken out No. 1 shaft.

Ore shipments from No. 2 shaft run gold 01 oz, silver 107 ozs, lead 20%. Picked samples taken from shaft run up to silver 310.80 ozs., lead 25.2.

Ore shipped from G. D. W. Ex. run to 241 ozs. silver and as high as 12.7% copper. Picked samples taken: Silver 526.40 ozs.; copper 14.6%. While assays made at different times show surprising results. It is difficult at this time to give anywhere near an accurate estimate of the ore in sight, yet it is certain that a large quantity can be extracted containing good values in gold and silver, with copper at depth.

FACILITIES

A NICE stream of water flows near the property and lumber and supplies can be delivered at Cherry station at ordinary prices, while the close proximity of the smelter at Humboldt assures a low cost in transportation of ore.

REFERENCES

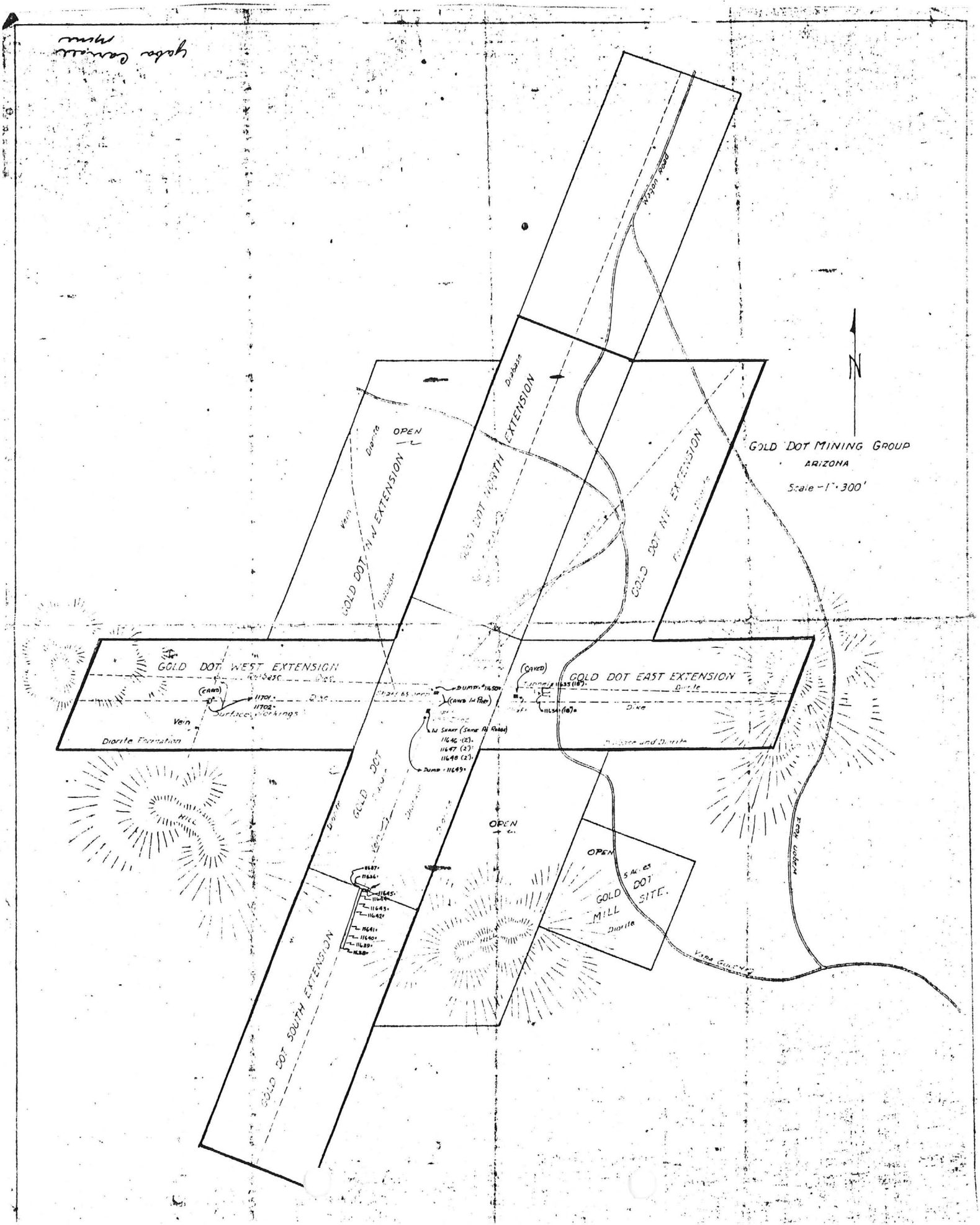
MR. A. J. CARROLL, president of the Yaba Copper Company, and who will give his personal supervision of the development work, is an old timer in Yavapai County, living there since 1877, and whose reputation for honesty and fair dealing is well known.

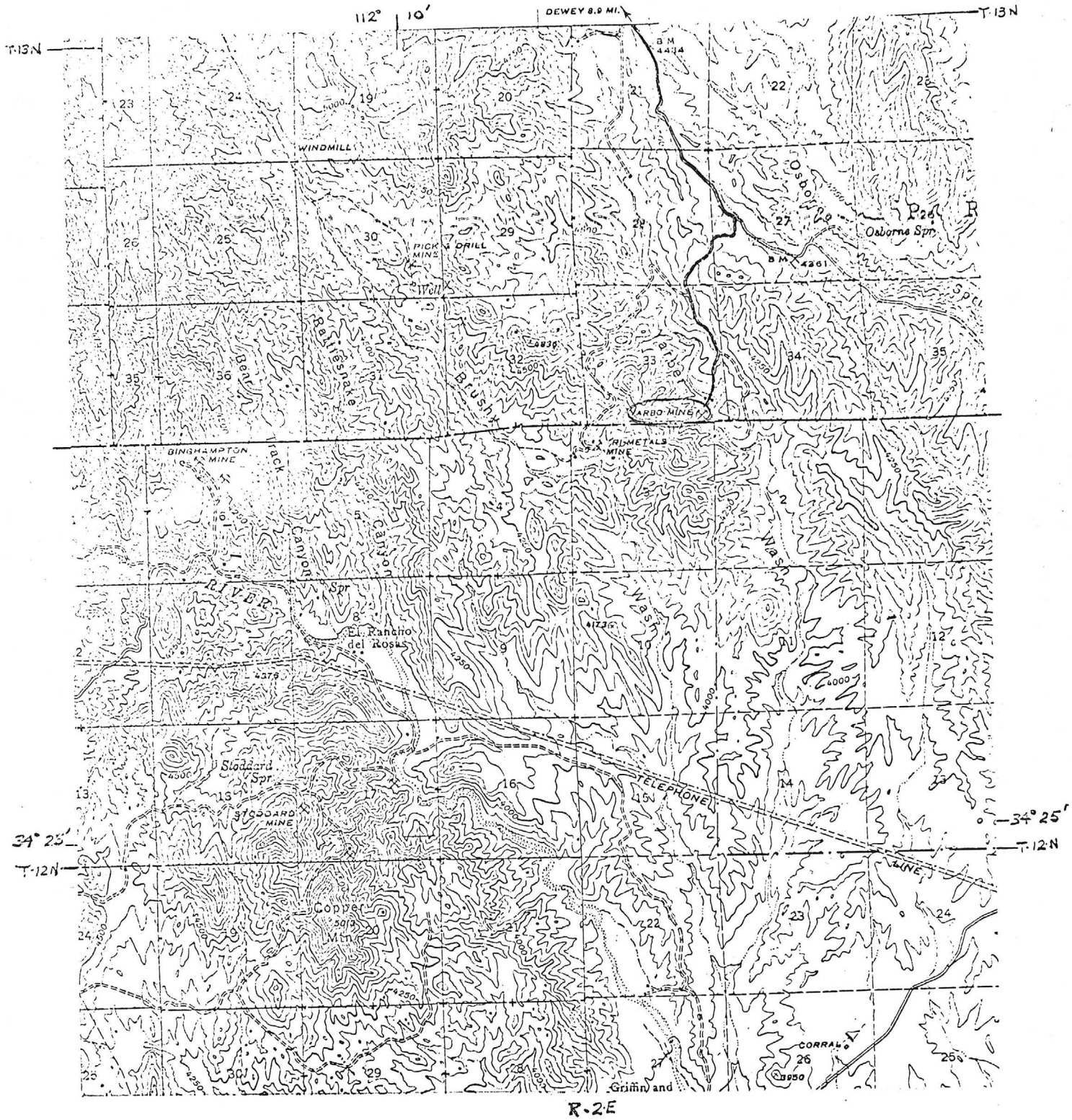
This property is incorporated under the laws of Arizona. Capital stock 1,000,000 shares, par value $1.00. This Company is now placing on the market a small block of treasury stock at 25c per share.

Mail Your Subscription and Checks To

YABA COPPER COMPANY,

Prescott, Arizona.


GOLD DOT MINING GROUP
ARIZONA
Scale - 1" = 300'
N
GOLD DOT WEST EXTENSION
GOLD DOT EAST EXTENSION
GOLD DOT NORTH EXTENSION
GOLD DOT N.W. EXTENSION
GOLD DOT N.E. EXTENSION
GOLD DOT SOUTH EXTENSION
GOLD DOT
OPEN
OPEN
OPEN
Diorite
Diorite Formation
Vein
Surface Workings
(CAVED)
11701
11702
Dike
Diorite and Diorite
Wagon Road
GOLD DOT SITE.
GOLD MILL
Diorite
Fish Creek
Vera Gulch
Hill

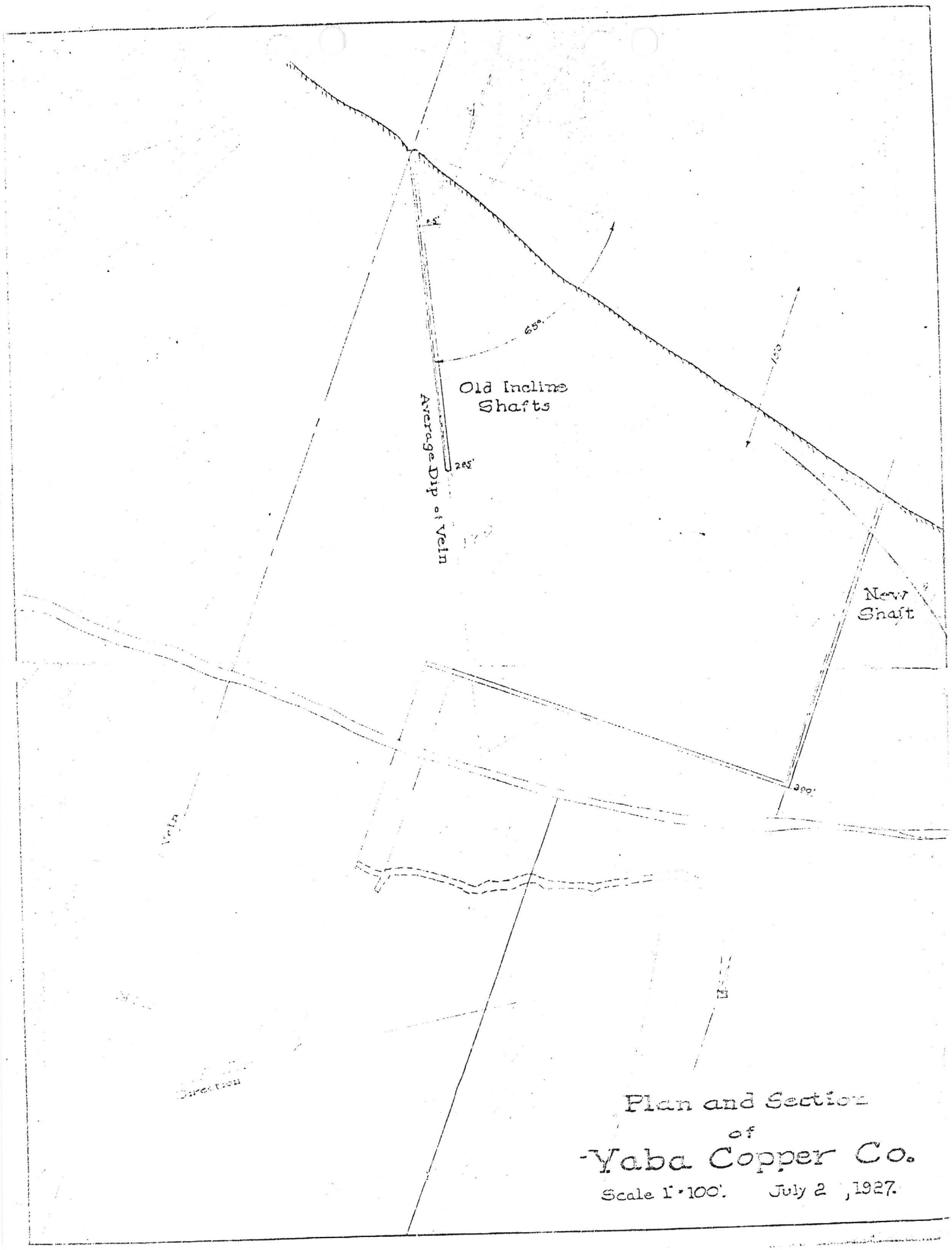


INDEX MAP

SHOWING LOCATION of YABO (CARROLL) MINENG - (GOLD DOT).

SCALE 1" : 62,500"

J.O.S / 62


65°
Old Incline
Shafts
Average Dip of Vein
285'
New
Shaft
200'
Vein
Direction
Plan and Section
of
Yaba Copper Co.
Scale 1" = 100'.
July 2 , 1927.

Intra-Company Correspondence

SHATTUCK DENN MINING CORPORATION

and

SUBSIDIARIES

Engineering Geology ..... Office

Dec 33
T 12½ N R2E

Date January 13, 1961

TO: D. M. Kentro

SUBJECT: Re-examination of the Yaba Carroll Mining property

Summary

An inclined shaft at the Yaba Carroll Mine was channel sampled at 6 places from the collar to 125 feet. The weighted averages of these samples and the average width of the vein indicates the rock is not ore.

General

On December 30, 1960, an inclined shaft at the Yaba Carroll Mine was re-examined and 9 channel samples were cut. A sample taken December 6, 1960, assayed 32 ounces Ag/ton for a 5 foot width--report dated December 13, 1960.

The Yaba Carroll Mine is reached from Dewey, Arizona, via Cherry Creek Road. From Dewey travel 5.5 miles to State Road 79 (gravel road) and turn south; proceed for 5.8 miles to the Yaba Carroll Mine turnoff; take right fork approximately 3 miles.

Mining

Development work along the vein consists of a 110 foot shaft, a 125 foot inclined shaft, and a 200 foot tunnel. The collars of the shafts are about 90 feet apart and their workings join underground (Fig. 1). The tunnel is presently being driven by Mr. Carroll--the adit lies a few hundred yards southwest of the shafts.

The Arizona Bureau of Mines has no production records of the Yaba Carroll Mine.

Geology

The country rock in the Yaba Carroll Mine area is diorite. This rock, as such, does not define the footwall and hangingwall enclosing the vein. The wall rocks are essentially gouge, silicified in places, and exhibiting a crude schistosity parallel to the vein. This shear zone or gouge was probably diorite before deformation.

The vein is inconsistent in overall width and attitude; it consists of several 2-4 inch quartz stringers with gouge splits of equal widths--the stringers locally coalesce into a solid 3-5 foot quartz vein. The entire zone is essentially a shear with numerous faults parallel to the vein; some faults offset the vein at low angles.

The vein quartz is fractured, but not brecciated, and open spaces or voids are generally lacking indicating few predecessor ore minerals existed. The original metal content was probably not much more than what it is now. Some undetermined primary sulfide minerals are visible, but in very small quantities; these minerals may have persisted in the zone of oxidation because they are enclosed in quartz, have a protective oxidized coating, or were resistent to oxidation. Minor green copper oxide or carbonate minerals locally stain the rock. Silver-bearing minerals were not determined by visual inspection.

Samples

A 5 foot channel sample cut December ~~13~~ 6, 1960, at a point 80 feet from the collar of the inclined shaft assayed 25.9-32.0 ounces of silver to the ton. During the re-examination 3 channel samples were cut at this place. At this point the vein and sampled width measured 57 inches and the three samples were taken as follows: two 19 inch samples from the east half of the vein and one 38 inch sample from the west half (the 19 inch width appeared to be the best grade and two samples were cut). Additional channel samples were cut at 5 more stations: three above 80 feet, and two below 80 feet, viz., at 10 feet, 30 feet, 50 feet, 113 feet, and 121 feet. One other sample was cut from a vein north of the vertical shaft (Fig. 1).

Sample Data
(Samples cut 12/30/60)

Sample points Inclined Shaft	Width	Au	Ag	Pb	Zn	Cu	
10'	35"	0.06	13.4	0.1	nil	0.14	
30'	27"	0.02	4.6	tr	nil	0.08	
50'	40"	tr	1.6	tr	nil	0.06	
80' (east half)	19"	0.04	33.4	2.6	0.7	0.16	57" combined & weighted 7.23 Ag
" "	19"	0.02	6.0	0.7	1.1	0.22	
(west half)	38"	tr	1.0	0.1	tr	0.04	
113'	24"	0.30.	28.0	4.6	0.1	0.22	
121'	19"	0.10	24.7	1.6	0.2	0.16	
Vein north of Vertical Shaft	25"	0.03	0.6	tr	nil	0.06	
Grab samples from dump		tr	tr	tr	nil	1.70	
		0.57	35.3	tr	nil	0.08	
		0.28	21.0	1.0	2.5	0.30	

(Samples cut 12/~~13~~ 6/60)

Tunnel samples....undetermined	0.03	tr	tr	nil	0.06	
18"	0.05	tr	tr	nil	0.06	
48"	0.04	tr	tr	nil	0.04	
Inclined Shaft at 80' ..... 60"	0.09	25.9	1.1	1.0	0.30	
Above sample reassayed for Ag		32.0				

The calculated grade of silver (weighted average) in the inclined shaft from the collar to 125 feet is 9.43 ounces/ton. The value of this rock based on $0.8644/ounce is $8.149/ton

The average width of the vein in the inclined shaft, from the collar to 125 feet, is 37.5 inches. A calculated value of silver, from the collar to 125 feet, assuming a 4 foot stoping width would be $6.258/ton.

Conclusions

The grade of silver along the Yaba Carroll vein in the inclined shaft is too low to be classified as ore. The average width of 37.5 inches is not a practical stoping width for a grade of 9.427 ounces Ag/ton.

The other metals contained in this rock, viz., gold, lead, zinc, and copper are not present in quantities that would raise the grade of this rock to ore.

Geologically the grades of copper and zinc will increase with depth relative to silver. However, there is no reason to believe the grade of silver will increase with depth other than from supergene enrichment--very little material has been leached from this vein. As stated previously the general lack of voids (box-work structures) precludes the possibility of former leached sulfides.

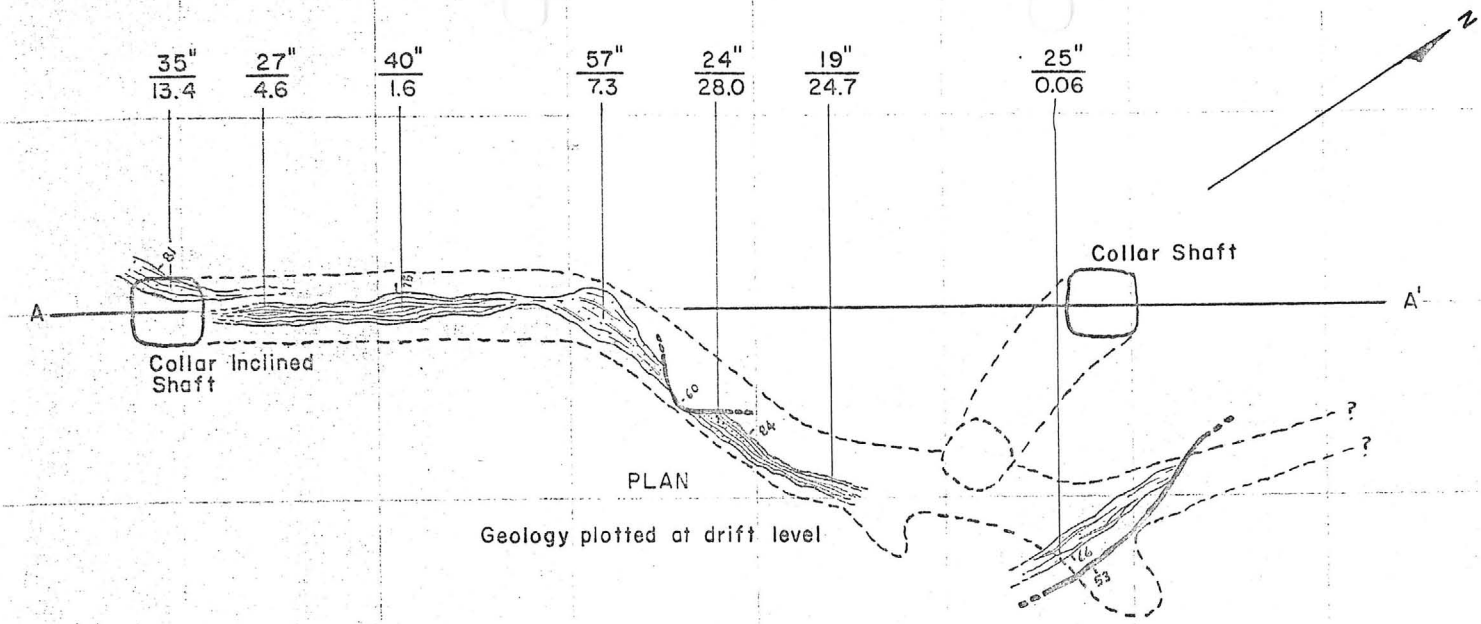
Because it is more than likely the Yaba Carroll workings are situated over the richest outcrop along this vein the possibility of better grade ore at other points along the outcrop is not good.

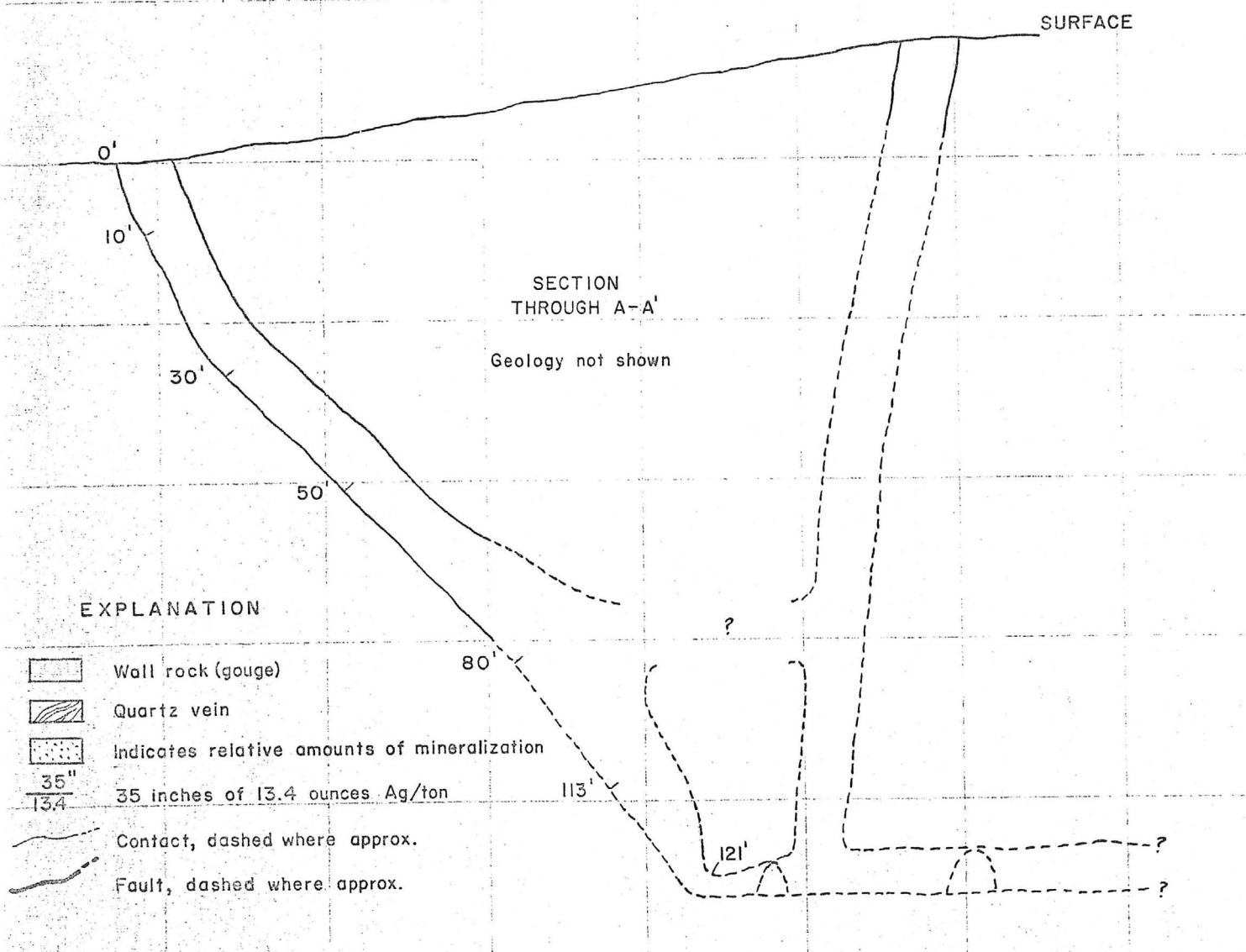
The possible return would not seem to justify further interest in this property.

RGR/

Robert G. Raabe

Robert G. Raabe





MINE YABA CARROLL LOCATION LEVEL

GEOLOGY BY R. G. Laake SURVEY BRUNTON & TAPE SCALE 1" = 20' DATE 12/30/60

WICKENBURG ORE MARKET

JOHN C. HERR

JAN. 1950

ANDREW J. CARROLL
DEWEY ARIZONA

SAMPLE	GOLD		SILVER		TOTAL
#10	0.10	$3.50	0.50	$0.45	$3.95

SURFACE OF DIKE NEAR MAIN SHAFT -

WICKENBURG ORE MARKET

JOHN C. HERR

NOV. 25, 1950

ANDREW J. CARROLL
DEWEY ARIZONA

SAMPLE	GOLD		SILVER		TOTAL
DRIFT FACE TUNNEL ON HILL	0.10	$3.50	4.00	$3.60	$7.10

- -

WICKENBURG ORE MARKET

JOHN C. HERR

Sept. 26, 1944

HOWE & RIGGINS

CARROLL PROPERTY

SAMPLE	GOLD		SILVER		TOTAL
#1	0.015	.52	0.30	.21	.73
#2	0.06	$2.10	$8.00	$5.60	$7.70
#3	0.10	3.50	13.60	9.52	13.02
#4	0.02	.70	0.29	.14	.84
#5	0.015	.52	0.10	.07	.59
#6	0.025	.87	0.30	.21	1.08
#7	0.01	.35	0.10	.07	.42
#8	0.015	.52	0.10	.07	.59

THIS SAMPLING WAS SURFACE MOSTLY BY THE ABOVE COMPANY TESTING FOR THE POSSIBILITY OF OPEN PITTING OR TRENCHING AND SHIPPING TO IRON KING. - - -

WICKENBURG ORE MARKET

JOHN C. HERR

June 22, 1949

Sample face of tunnel

Gold		Silver		Total value
0.26	$7.00	0.60	0.54	7.54

COMMODITY INFORMATION

*COMMODITIES PRESENT C10 < C,U, A,U >
*ORE MINERALS C30 < CHALCOPYRITE, GOLD
COMMODITY SUBTYPES C41 <
*GEN. ANALYTICAL DATA C43 < Au
COM. INFO. COMMENTS C50 <

* SIGNIFICANCE

PRODUCER		NON-PRODUCER	
MAJOR PRODUCTS	MAJOR < A,U, A,G >	MAIN COMMODITIES PRESENT	C11 < >
MINOR PRODUCTS	MINOR < C,U >	MINOR COMMODITIES PRESENT	C12 < >
POTENTIAL PRODUCTS	POTEN < >		
OCCURRENCES	OCCUR < >	OCCURRENCES	OCCUR < >

*PRODUCTION

PRODUCER	NON-PRODUCER
PRODUCTION (YES) (circle) PRODUCTION SIZE (SMD) MED LGE (circle one)	PRODUCTION UND NO (circle one)

*STATUS

EXPLORATION OR DEVELOPMENT

PRODUCER	NON-PRODUCER
STATUS AND ACTIVITY A20 < 4 >	STATUS AND ACTIVITY A20 < >

*DISCOVERER L20 <
*YEAR OF DISCOVERY L10 < > *NATURE OF DISCOVERY L30 < B > *YEAR OF FIRST PRODUCTION L40 < 1915 > *YEAR OF LAST PRODUCTION L45 < 1918
*PRESENT/LAST OWNER A12 <
*PRESENT/LAST OPERATOR A13 < YABA COPPER COMPANY (1918)
EXPL./DEV.COMMENTS L110 <

DESCRIPTION OF DEPOSIT

*DEPOSIT TYPE(S) C40 < VEIN
DEPOSIT FORM/SHAPE M10 < TABULAR
*DEPTH TO TOP M20 < > *UNITS M21 < > *MAXIMUM LENGTH M40 < > *UNITS M41 <
*DEPTH TO BOTTOM M30 < 125 > *UNITS M31 < FT > *MAXIMUM WIDTH M50 < > *UNITS M51 <
*DEPOSIT SIZE M15 (SMALL) M15 (MEDIUM) M15 (LARGE) (circle one) *MAXIMUM THICKNESS M60 < 5 > *UNITS M61 < FT >
*STRIKE M70 < NORTHERLY > *DIP M80 < STEEPLY EAST >
*DIRECTION OF PLUNGE M100 < > *PLUNGE M90 <
DEP.DESC. COMMENTS M110 < VEIN IS A COALESCING MASS OF 2 TO 4 INCH QUARTZ VEINLETS OVER A 5 FT WIDTH >

DESCRIPTION OF WORKINGS

Workings are: SURFACE M120 UNDERGROUND (M130) BOTH M140 *(circle one)*
*OVERALL LENGTH M190 < 200 > *UNITS M191 < FT >
*DEPTH BELOW SURFACE M160 < 125 > *UNITS M161 < FT > *OVERALL WIDTH M200 < 10 > *UNITS M201 < FT >
*LENGTH OF WORKINGS M170 < > *UNITS M171 < > *OVERALL AREA M210 < 2000 > *UNITS M211 < SQ FT >
DESC. OF WORK. COM. M220 < 2 SHAFTS, 100 FT AND 125 FT DEEP. 125 FT SHAFT IS INCLINED ALONG VEIN. SHAFTS ARE 90 FT APART

GEOLOGY

*AGE OF HOST ROCK(S) K1 < P,R,O,T, U/PB ZIRCON EQUAL TO OR GREATER THAN 1740 MILLION YEARS
*HOST ROCK TYPE(S) K1A < METABASALT, METAANDESITE, GABBRO
*AGE OF IGNEOUS ROCK(S) K2 < P,R,O,T, AS LINE K1
*IGNEOUS ROCK TYPE(S) K2A < BASALT, ANDESITE, GABBRO
*AGE OF MINERALIZATION K3 < P,R,O,T, UNDATED
*PERT. MINERALS (NOT ORE) K4 < QUARTZ, PYRITE
*ORE CONTROL/LOCUS K5 < FAULTING, IGNEOUS ACTIVITY
*MAJ. REG TRENDS/STRUCT. N5 < BEDDING IN PRECAMBRIAN METAVOLCANIC ROCKS TRENDS E-W
*TECTONIC SETTING N15 <
*SIGNIFICANT LOCAL STRUCT. N70 < VEIN PARALLELS N15W-TRENDING GABBRO DIKE
*SIGNIFICANT ALTERATION N75 <
*PROCESS OF CONC./ENRICH. N80 < OXIDATION AT NEAR-SURFACE
*FORMATION AGE N30 < P,R,O,T, AS LINE K1
*FORMATION NAME N30A < UNNAMED METAVOLCANIC UNITS AND LOWER UNIT OF SPUD MOUNTAIN VOLCANICS
SECOND FM AGE N35 <
SECOND FM NAME N35A <
*IGNEOUS UNIT AGE N50 < P,R,O,T, AS LINE K1
*IGNEOUS UNIT NAME N50A < UNNAMED GABBRO DIKES
SECOND IG UNIT AGE N55 <
SECOND IG UNIT NAME N55A <
GEOLOGY COMMENTS N85 < DEPOSIT IS

GENERAL COMMENTS

GENERAL COMMENTS GEN <

* GENERAL REFERENCES

f.6

REFERENCE 1 F1 < ABGMT - USBM FILE 7 Data

REFERENCE 2 F2 < USGS GQ MAP GQ-996

REFERENCE 3 F3 < USGS BULLETIN B-1336, PLATE 2

REFERENCE 4 F4 <

U.S. CRIB-SITE FORM

RECORD IDENTIFICATION

RECORD NUMBER B10 <>

*RECORD TYPE B20 <X, 1 M>

DEPOSIT NUMBER B40 <>

REPORT DATE G1 <8, 1, ✗, 0, 9> (YR. MO.)

*INFORMATION SOURCE B30 <1, 2>

*FILE LINK IDENT. B50 < USBM 004 025 1618 >

REPORTER(SUPERVISOR) G2 < DEWITT, ED, H (last, first, middle initial) ((last, first, middle initial))>

REPORTER AFFILIATION G5 < ABGMT >

*SITE NAME A10 < YARBO MINE >

SYNONYMS A11 < GOLD DOT GROUP, YABA CARROLL >

LOCATION

MINING DISTRICT/AREA A30 < YARBER WASH DISTRICT >

COUNTY A60 < YAVAPAI >

*STATE A50 < A, Z >

*COUNTRY A40 < U, S >

PHYSIOGRAPHIC PROV A63 < 1, 2, ✗ >

DRAINAGE A62 < 1, 5, 0, 7, 0, 1, 0, 2, ✗ >

*LAND STATUS A64 < 0, 0, ✗, ✗, ( ) >

QUADRANGLE NAME A90 < MAYER (1974) >

*QUADRANGLE SCALE A100 < 2, 4, 0, 0, 0 >

SECOND QUAD NAME A92 < ( ) >

SECOND QUAD SCALE A91 <>

ELEVATION A107 < 4, 1, 5, 0, ✗, F, T >

UTM

NORTHING A120 < 3, 8, 1, 3, 0, 9, 0 >

EASTING A130 < 3, 9, 6, 2, 2, 0 >

ZONE NUMBER A110 < +, 1, 2 >

*ACCURACY

ACCURATE ACC (circle)

ESTIMATED EST <>

GEODETIC

*LATITUDE A70 < - - N >

*LONGITUDE A80 < - - W >

CADASTRAL

*TOWNSHIP(S) A77 < 0, 1, 3, N, ✗ >

*RANGE(S) A78 < 0, 0, 2, E, ✗ >

*SECTION(S) A79 < 33, ✗, ✗, ✗ >

SECTION FRACTION(S) A76 < SE OF SE >

*MERIDIAN(S) A81 < GILA AND SALT RIVER >

*POSITION FROM NEAREST PROMINENT LOCALITY A82 < 4.5 MILES NORTHEAST OF COPPER MOUNTAIN, 7.3 MILES NE OF MAYER, ARIZONA >

*LOCATION COMMENTS A83 < 0.8 MILES NORTHEAST OF TRI-METALS MINE >

* ESSENTIAL INFORMATION

+ ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

GOLD DOT GROUP (file)
YAVAPAI COUNTY

Ken
There are 4 Claims in this group. We formed a Company and we entered the 2 in it. I will withdraw them shortly — Ken the best way to get there, Go East about 5 or 6 miles on Blacktop to Cherry and than South,
I would like to show you this property
Jim Myers
474-6738

I took samples about every 15 ft, across vein, I crush them altogether, mixed, quartered —

RECEIVED
APR 28 1986
DEPT. OF MINES & MINERAL RESOURCES

#1 West of N E Corner of Sec. 33 T 12N R. 2E —
2 - approx 600 ft - North West of N. E. Corner of Sec. 3
T. 12N. Range 2E

GOLD DOT GLOW

STATE OF ARIZONA
DEPARTMENT OF MINES AND MINERAL RESOURCES
MINE OWNER'S REPORT

Date 4/25/86

1. Mine: Santa Rosa #1 and #2

2. Location: Sec 33 Twp 13N Rng 2E County YAVAPAI
Mining District _____ Topo Quad MEYER 7½'
Directions and Road Conditions approx 50 miles East of Jerome

3. Previous names: ✓

4. Owner: ✓ Jim Myers
Address ✓ 411 Granite Dell Road, Payson 85541

5. Operator or Lessee : ✓
Address

6. Principal Metals and Mineral Commodities: Gold & Silver

7. Number and Type of Claims: Lode Claims, 4 claims

8. Type of Surrounding Terrain: Hills, Canyons

9. Geology and Mineralization: ✓

10. Dimension and Value of Ore Body: Impossible - where these assays came - approx 300 ft long - about 5 ft wide in places wider, in places small stopes

11. Ore "Blocked Out" or "In Sight": large amount - This is a strong vein, could go deep —

Ore Probable:

Please give as complete information as possible and attach copies of geologist's and engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective leasors or buyers. If you need help please feel free to call the Department's engineers.

This property is for sale or lease

12. Mine Workings--Amount and Condition:

	No.	Feet	Condition
Shafts			
Raises			
Tunnels		approx 300 ft	Good Condition
Crosscuts	1 Small		
Stopes		2 or 3 Small	
Cuts/Trenches			
Open Pits	other parts of claim		Maybe a possability
Other:			

13. Past Production: unknown

14. Water Supply: Well - about ½ mile - Electricity also

15. Brief History:

16. Remarks: I think this property could develope into a Major Mine

17. If Property for Sale or Lease, List Approximate Price & Terms:

18. Signature: James R. Myers

WILKINSON ASSAYS

ASSAY REPORT

8849 SIERRA AVE. • FONTANA, CA 92335 • SINCE 1967 • PHONE (714) 823-4607

ASSAYER • CHEMIST • METALLURGIST • REFINER • GEOLOGIST • MINE CONSULTANT

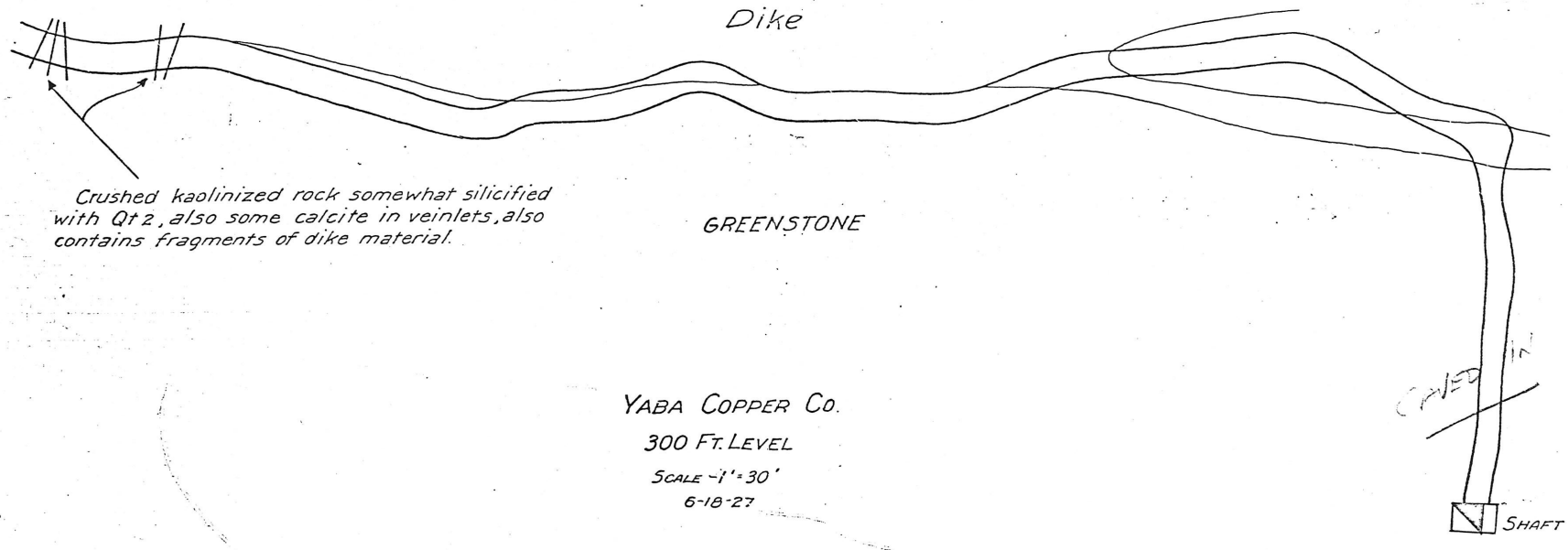
CHEM. TESTED	CHARGE	WEIGHT	DATE	PRICE	OUNCES PER TON	GRAMS PER TON	VALUE PER TON
GOLD	$ 5.00	29.3 grams	4/18/86	$ 333.00	0	4.7	$ 50.41
SILVER	$ 5.00	29.3 grams	4/18/86	$ 5.95	0	1.8	$ .31
COPPER	$	29.3 grams	/ /	$			$
LEAD	$	29.3 grams	/ /	$			$
ZINC	$	29.3 grams	/ /	$			$
PLATINUM	$	29.3 grams	/ /	$			$
PALLADIUM	$	29.3 grams	/ /	$			$
MICRON GOLD	yes	COMMENTS	some values where micron size gold and some				
FREE GOLD	yes	where free flower size gold, this is commercial ore					
SULFIDE	little						
ARSENIC	no	JIM MYERS SANTA ROSA # 2			Duane Wilkinson		
TELLURIDE	no	SUBMITTED BY		SAMPLE #			ASSAYER
PAID	yes	ASSAY BASED ON SPECIMENS LEFT AT LAB ONLY			BASED ON ASSAY TON 2000 LB.		

WILKINSON ASSAYS

ASSAY REPORT

8849 SIERRA AVE. • FONTANA, CA 92335 • SINCE 1967 • PHONE (714) 823-4607
ASSAYER • CHEMIST • METALLURGIST • REFINER • GEOLOGIST • MINE CONSULTANT

CHEM. TESTED	CHARGE	WEIGHT	DATE	PRICE	OUNCES PER TON	GRAMS PER TON	VALUE PER TON
GOLD	$ 5.00	29.3 grams	4/2/86	$ 333.00	0	9.7	$ 104.06
SILVER	$ 5.00	29.3 grams	4/2/86	$ 5.01	0	2.6	$ .42¢
COPPER	$	29.3 grams	/ /	$			$
LEAD	$	29.3 grams	/ /	$			$
ZINC	$	29.3 grams	/ /	$			$
PLATINUM	$	29.3 grams	/ /	$			$
PALLADIUM	$	29.3 grams	/ /	$			$
MICRON GOLD	yes	COMMENTS most of your gold values are free flower size					
FREE GOLD	yes	with little micron size gold too.					
SULFIDE	yes						
ARSENIC	no	JIM MYERS NO NAME AGAIN			Duane Wilkinson		
TELLURIDE	no	SUBMITTED BY		SAMPLE # /			ASSAYER
PAID	yes	ASSAY BASED ON SPECIMENS LEFT AT LAB ONLY			BASED ON ASSAY TON 2000 LB.		



YABA COPPER CO.

300 FT. LEVEL

SCALE - 1" = 30'

6-18-27

REPORT ON GOLD DOT MINES

YAVAPAI COUNTY, ARIZONA

CLAIMS:

This property consists of four full mining claims, each being 1,500 feet in length by 600 feet width; namely Gold Dot, Gold Dot Northern Extension, The Gold Dot and Gold Dot Northern Extension, the most important of the group, over an unbroken line of 3,000 feet on an immense cross fracture lode, with the Gold Dot West Extension lying adjacent on a parallel lode; while apparently, a strong branch of the Gold Dot gives place to the Gold Dot East Extension. There is also a millsite and water right owned with this property.

LOCATION:

The property in consideration is situated in an air line about six miles to the eastward of the Consolidated Arizona Smelting Company's plant at Humbolt, Yavapai county, Arizona, in Yuba Gulch, Agua Fria Mining District and tributary to the Prescott and Eastern Railway

Jerome lies 15 miles to the north, and it is believed with strong evidence, guided by the conditions, that the line of ore deposit is a direct southerly continuation of the United Verde at that place.

ACCESSIBILITY:

From Cherry, a station on the Prescott and Eastern about one mile north of Humbolt, the mines are reached by wagon road of condiderable grades in a distance of eight miles. However, preference must be given to a more desirable route, though somewhat longer, wherein the travel is over a splendid road throughout.

TOPOGRAPHY:

The country in the main bears a rounded, undulating aspect, with a few hills, chiefly diorite, of greater prominence, yet in every instance easy approach. The elevation of the mines is slightly over 4,000 feet above sea level.

GEOLOGY:

The country inclosing the veins, as well as the surrounding region is chirfly diabase; in the instances in massive dykes; more often schistose, and highly metamorchosed. In this rock alteration and leaching have proceeded to an enormous extent. Adjacent to the vein system, and particularly the Gold Dot Vein, the transition has been so great that the ferromagnesian minerals have almost or wholly disappreared, leaving cellular or spongy masses containing such iron sesquioxide as a result of oxidation. In other instances the diabase schist has been heavily kaolinized, at times stained with chlorite minerals: often containing limonite, while sections may be Wholly bleached.

Througout the diabase occur instrusions of diorite and dioritic prophyry, unaltered, save where neighboring the property, but some distance away a small introsive mass of basalt occurs, yet without apparent influential results.

GENERAL CHARACTERISTICS OF GOLD DOT VEIN:

The Gold Dot Vein is due to a great fracture accross the stratification of the diabase and the diabase schist, at an angle of 75 degrees, more or less. The diorite along the course of the fissure suffered equally in the movement.

After the fissuring took place a movement of the mass constituting the hanging wall occured. The movement was to the north as shown by the deflection, of the strata of the foot wall for a few feet beyond the boundary line. In this movement a zone of crushed material, approximatly 25 feet in width, resulted; which later through pressure became more or less banded, yet full of seams and cross joints. Here was a most favorable seat for the deposit of large ore bodies. And when it is considered that the fissuring, as already stated, was a cross course, the drainage offered to circulating waters, mineeral bearing, flowing toward the fissure must have been very great.

STRIKE AND DIP:

The strike is northerly. Dip is easterly at a high angle.

VEIN FILLING:

The vein filling matter consits largly of kaolinized materials, containing much iron sesquiozide, particularly as depth is gained; talcose, qurtz, jasper, gold, silver, lead, and copper. In the lower workings large masses of cellular quartz and jasper, containing much sponge iron oxides, with particles of copper oxides and carbonates, tend to illustrate the assurance that large bodies of copper minerals will result, at and below the region of the ebb and flow of waters. Some copper sulphides are already appearing.

Deductions:

Deducting evidence from the proceeding, and thence reasoning from the conditions as above described, and as I found them at the property, I have no hesitation whatever in recommending extensive development. Such development I feel assured will give most promising results; and extensive bodies of copper sulphides can be expected at a reasonable depth, viz., in close proximity to the permanent water line.

In conclusion, I may remark that the other claims of the group have received but slight mention. However, they are not without merit, in fact possess promise.

Signed John F. McLennan

Engineer Of Mines

OXIDIZING INFLUENCES:

In veins of the class in consideration the ravages of oxidation are excessively great; frequently so much indeed that the procees may have proceeded so far that barely a trace of certain minerals may remain; and it is only by the character and aspect of the matrix left behind that we can at all evidence their presence at some lower level, Where their solutions have migrated downward to form zones of enrichment So true is this copper in particular that it may be safely stated that the large number of the great copper minesof the world were void of workable values in that metal for considerable depths. Much of the iron remains in the form of the sesquioxide, but a portion follows with the copper solutions to levels below. Frequently valuable gold and silver ores are left behind.

In a very great measure the infuences to which I have just referred govern the conditions in the Gold Dot Vein.

DEVELOPMENT:

Development consists of a shaft on the Gold Dot, sunk diagonally along the strike to a distance of 240 feet, the dip being about 60 degrees. Also several minor shafts and cuts exist on other portions of the group, some of which show good ore.

ORE IN SIGHT:

It is difficult at the present time to make even an approach toward the estimation of the amount of ore in sight. Yet it is certain that a large quantity can be extracted, containing good value in gold and silver.

VALUES:

In the past several shipments of ore, aggregating 64 tons,obtainedd in sinking, were treated at the plant of the Consolidated Arizona Smelting Co., at Humbolt. The larger portion of this ore was forwarded without particular assorting; however, the average yeild was $35.78 per ton. Another shipment sent to the El Paso Smelter gave a value of $186.70 per ton. While many of the assays made at different times show surprising results.

FACILITIES:

A nice stream of water flows near the property. Lumber can be delivered at Cherry Station at ordinary prices, and the close proximity to the Consolidated Arizona Smelting Compnay's plant at Humbolt assures a low cost of transportation.

ASSAY CERTIFICATE

March 17,1941

Mrs A. J. Carroll
Dewey Arizona
Mail to Yarnell, Arizona

Sample	Gold		Silver		Total Value
#1 N. W. Vein 0.0s		$1.28	0.60	$0.42	$1.70
#2 2 foot vein 0.30		$9.66	20.00	14.00	23.66

Tunnel On Hill

New Congress Gold Mines Inc.

Mr. Andrew J. Carroll
Box 26
Yarnell, Arizona

Sample #1

Silver	Gold	Total
	.12	$4.20

This Sample Comes From The Surface Of Dike, Near The Main Shaft
And Was Only Tested For Gold

Wickenburg Ore Market

John C. Herr — May 13, 1949

Sample	Gold		Silver		Copper	Total
	0.59	$17.50	0,30	$.30		$17.77

TUNNELL ON HILL

Wickenburg Ore Market

Andy Carroll — April 18,1949
Dewey, Arizona
Sample of Dike on Surface

Gold		Silver	Lead	Copper	Total
0.08	$2.80	0.30	Traces	Traces	$3.10

Chas. A. Diehl — ARIZONA ASSAY OFFICE, 815 N. First St. — PHOENIX, ARIZ. April 3. 1950

Mr. Andrew Carroll
Dewey Arizona

Sample	Silver		Gold		Total
#2 v Raise	5.9	$5.33	.06	$2.10	$7.43

DHAS. A DIEHL
ARIZONA ASSAY OFFICE
315 North First St. P. O. Box 1149 Phoenix Ariz.

THIS CERTIFIES THAT THE SAMPLES SUBMITTED FOR ASSAY BY
MAVA COPPER CO.
CONTAINS AS FOLLOWS, PER TON OF 2000 LBS.

NUMBERS	SILVER	VALUE	GOLD	VALUE	TOTAL VALUE
#1	2163.9	$1298.34	.60	$12.00	$1310.34

Copper 5.56 Lead 47.2
THIS SAMPLE CAME FROM THE INCLINE SHAFT ON THE HILL

Giroux Assay Office
Daily Work Sheet

M. J. Carroll Mayer Arizona 12-12-28

Sample # 1	SILVER	COPPER	GOLD	SILVER		TOTAL
	.58	.16	0.36	$311.04	2.3.	
			$7.20	180.40	7.36	$194.96

THIS SAMPLE IS FROM THE INCLINE

LABORATORY CERTIFICATE
SMITH EMERY & COMPANY
ENGINEERS - CHEMISTS 11-25-25
651 HOWARD STREET
SAN FRANCISCO, CALIF.

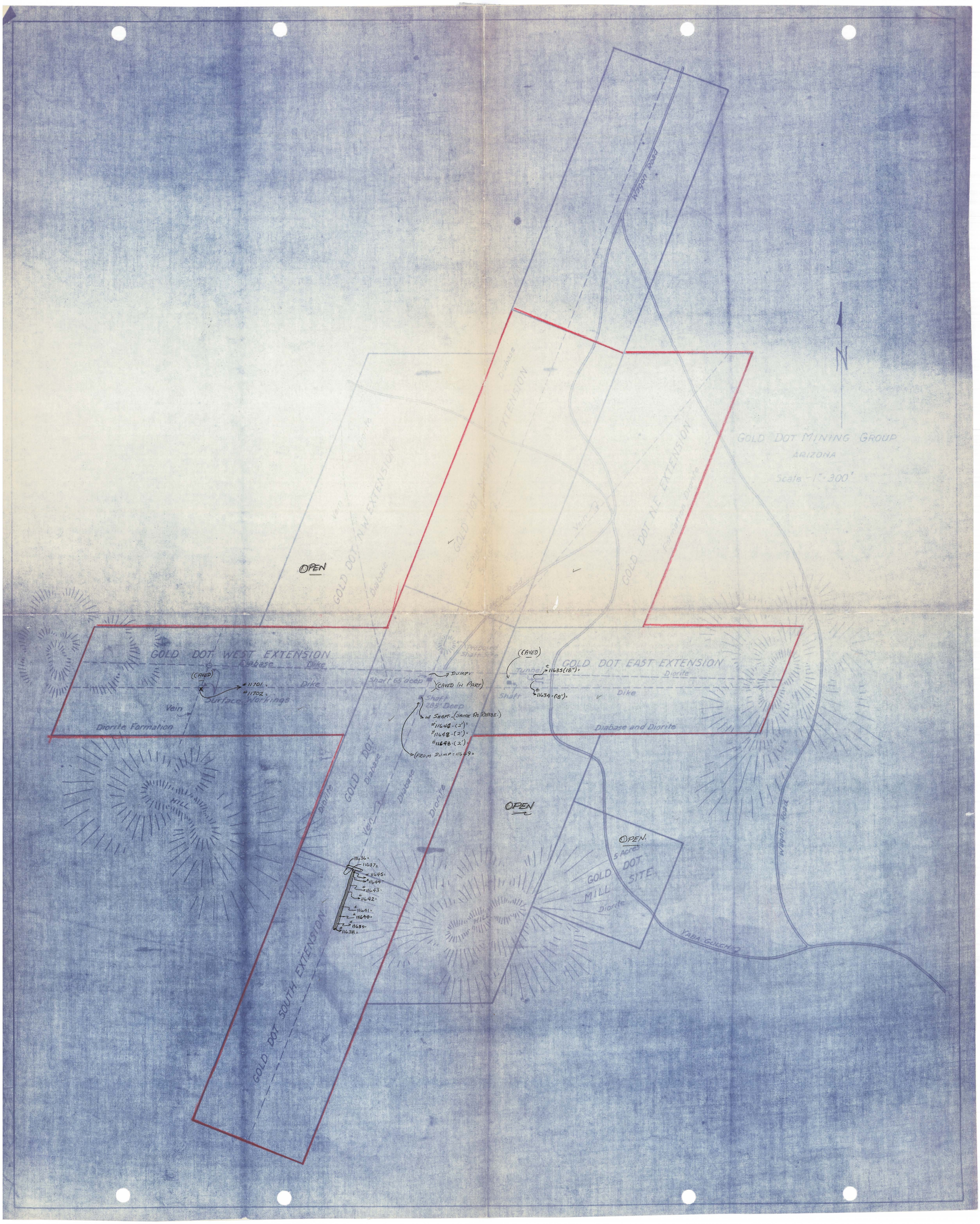
NUMBER
79490
SAMPLE PULP
RECEIVED 11-19-25
COMMON WEALTH BUILDING
SAN DIEGO, CALIFORNIA

ORE----Gold---- Value $20.67 Per oz
SILVER " .70 " "
MARK NO MARK GIVEN

ASSAY		TON OF 2000 LBS
OUNCES		VALUE
Gold (AU)--------.16		$3.30
Silver (AU)-----272.10		190.47
	Total	$193.77
COPPER (CU)	$1.25	
LEAD (CU)	15.05	

RESPECTFULLY SUBMITTED
SMITH, EMERY & COMPANY
ASSAYERS & METALLURGISTS

SAMPLE FROM INCLINE


GOLD DOT MINING GROUP
ARIZONA
Scale - 1" = 300'
N
Wagon Road
GOLD DOT N.W. EXTENSION
GOLD DOT NORTH EXTENSION
GOLD DOT N.E. EXTENSION
Diabase
Vein
Diorite
Formation Diorite
OPEN
GOLD DOT WEST EXTENSION
Diabase
Dike
(CAVED)
#11701.
#11702.
Surface Workings
Vein
Diorite Formation
Shaft 65' deep
DUMP.
(CAVED IN PART)
Shaft 285' Deep
IN SHAFT. (SAME AS RABBE.)
#11646-(2')
#11647-(2')
#11648-(2')
(FROM DUMP = 11649.
GOLD DOT EAST EXTENSION
Tunnel
#11635(18")
#11634-(18")
Shaft
Diorite
Dike
Diabase and Diorite
GOLD DOT SOUTH EXTENSION
HILL
11636.
11637.
11645.
11644.
11643.
11642.
11641.
11640.
11639.
11638.
OPEN.
5 Acres
GOLD DOT MILL SITE
Diorite
YABA GULCH