CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 09/12/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: YOUNG

ALTERNATE NAMES:
- ROBERTSON YOUNG
- WINIFRED PATENT 1431
- KATHERINE PATENT 1431
- VINCENT PATENT 1431
- ERNEST PATENT 1431
- PHOENIX

YAVAPAI COUNTY MILS NUMBER: 200A

LOCATION: TOWNSHIP 7 N RANGE 2 W SECTION 18 QUARTER N2
LATITUDE: N 33DEG 57MIN 23SEC LONGITUDE: W 112DEG 30MIN 28SEC
TOPO MAP NAME: RED PICACHO - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
- GOLD
- SILVER
- COPPER

BIBLIOGRAPHY:

- USGS RED PICACHO QUAD
- ADMMR YOUNG FILE
- BLM MINING DISTRICT SHEET 234

PHOENIX
AUG 15
7-PM
1958
ARIZ.

RETURNED TO WRITER

AUG 28 1958

REASON CHECKED
Unclaimed.....
Unknown.....
Insufficient address.....
Moved, left no address.....
No Such office in state.....
Do not remail in this envelope

Mr. M. Young
Safford
Arizona

ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

August 15, 1958

To the Owner or Operator of the Arizona Mining Property named below:

Young (Yavapai County) gold
(Property) (ore)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

Frank P. Knight

FRANK P. KNIGHT,
Director.

Enc: Mine Owner's Report

NAME OF MINE: YOUNG
OWNER:

COUNTY: Maricopa
DISTRICT:
METALS: Au.

Date:	OPERATOR AND ADDRESS	Date:	MINE STATUS
2/46	Box 41 Frank L. Metler, Morristown	2/46	Dev. & ship.
3/46	R.G. Robinson, 1714 E. McDowell, Phoenix		

NAME OF MINE: Robertson

COUNTY: Yavapai

DISTRICT:

METALS: Cu

OPERATOR AND ADDRESS:		MINE STATUS:	
DATE:		DATE:	
11/44	R. C. Robertson, 1417 E. McDowell, Phx.	11/44	Developing
		6/45	Idle

YOUNG MINE (YOUNG-ROBERTSON MINE) YAVAPAI COUNTY

11-23-77 - A map of Black Rock District, and a map of Wickenburg showing points of interest, are filed in the Wickenburg general file. 11-23-77 bh

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DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date ~~R G Robertson~~ 11/27/44

Name of Mine Robertson

Owner or Operator R G Robertson

Address 1417 E McDowell Phoenix

Mine Location 12 mi E of Morristown

Filing Information

File System

File No.

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production ; Development X ; Financing ; Sale of mine ;

Experimental (sampling) ; Owner's occasional trip ;

Other (specify)

PRODUCTION: **Past and Future.**

	Tons
Approx. tons last 3 months	
Approx. present rate per 3 months	
Anticipated rate next 3 months	Fair
If in distant future check (X) here	

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars			
Light or Service Trucks			
Ore Hauling Trucks			
Compressors	25	25	
Other Mine or Mill Eqpt. Hoist	12	25	375

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Copper

REMARKS:

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By Chas H Denning

CLAUDE E. McLEAN
P. O. BOX 1888

ARIZONA TESTING LABORATORIES

ANALYTICAL AND CONSULTING CHEMISTS
ASSAYERS, MINING ENGINEERS
823 EAST VAN BUREN STREET

TELEPHONE 3-6272

ASSAY CERTIFICATE

PHOENIX, ARIZONA, April 28 1948

M Department of Mineral Resources
Phoenix, Arizona

WE HAVE ASSAYED THE SAMPLES RECEIVED FROM YOU AND FIND THE RESULTS AS FOLLOWS:

GOLD FIGURED AT $ 35.00 PER OUNCE.

LAB. FORM 2

SILVER FIGURED AT $ 0.90 PER OUNCE.

LAB. NO.	SAMPLE	GOLD		SILVER		PERCENTAGES			
		OZ. PER TON	VALUE	OZ. PER TON	VALUE	COPPER	LEAD		
68433	#16 4/27/48	.02	$0.70						
68434	#17 4/27/48	.02	$0.70						
68435	#18 4/27/48	.02	$0.70			3.30%			
	Young - Robertson								

REGISTERED ASSAYER
CERTIFICATE EXPIRES
CLAUDE E. McLEAN
DEC. 31 1966
ARIZONA, U.S.A.

RESPECTFULLY SUBMITTED,
ARIZONA TESTING LABORATORIES

BY Claude E. McLean ASSAYER

CHARGES $ 4.75

CLAUDE E. McLEAN
P. O. BOX 1888

ARIZONA TESTING LABORATORIES

ANALYTICAL AND CONSULTING CHEMISTS
ASSAYERS, MINING ENGINEERS
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LAB. FORM 2

LAB. NO.	SAMPLE	GOLD		SILVER		PERCENTAGES			
		OZ. PER TON	VALUE	OZ. PER TON	VALUE	COPPER	LEAD		
68433	#16 4/27/48	.02	$0.70					Young Robertson	
68434	#17 4/27/48	.02	$0.70					"	
68435	#18 4/27/48	.02	$0.70			3.30%		"	
	Young-Robertson								

REGISTERED ASSAYER
CERTIFICATE EXPIRES
CLAUDE E. McLEAN
DEC. 31, 1948
ARIZONA, U.S.A.

RESPECTFULLY SUBMITTED,
ARIZONA TESTING LABORATORIES

BY Claude E. McLean ASSAYER

CHARGES $ 4.75

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
MINE OWNER'S REPORT

Date 9— —48

1. Mine: Young
2. Location: Sec. ..... Twp. 7N Range 2W Nearest Town Morristown
   Distance 13 Direction S Road Condition good
3. Mining District & County: White Picacho Yavapai
4. Former Name of Mine:
5. Owner: m.D? Young
   Address: ? Safford Los Angeles, Cal.
6. Operator: R. G. Robertson
   Address: 1417 E. McDowell, Phoenix, Ariz Ph. 3-2941
7. Principal Minerals: Au.
8. Number of Claims: 23 Lode ✓ Placer
   Patented 3 Unpatented 20
9. Type of Surrounding Terrain: Moderately Rough

10. Geology & Mineralization: Country rock is rhyolite

11. Dimension & Value of Ore Body: Width 3 to 7 feet
strike N-S dip W 40°
29 carloads shipped to Magma Copper smelter, Superior as per data sheet enclosed. Values dropped to $.70 per ton as per samples taken by Manning & Walcott. Vein pitches to North and development in that direction on 3rd level ~~could~~ might pick high GRADE LENSES.

continued from other side

~~12. Ore "Blocked Out" or "In Sight"~~: high grade lense.

Ore Probable: see above

13. Mine Workings—Amount and Condition:

	No.	Feet	Condition
Shafts	2		
Raises			
Tunnels			
Crosscuts			
Stopes			

14. Water Supply: sufficient for mining and camp.

15. Brief History:

16. Signature: Visited by Manning & Wolcott 4 — 1948

17. If Property for Sale, List Approximate Price and Terms:

file

* GENERAL REFERENCES

REFERENCE 1 F1 < ABGMT CLIPPING FILES

REFERENCE 2 F2 < ABGMT - USBM FILE DATA

REFERENCE 3 F3 < AZ DEPT MIN RESOURCES FILE DATA

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 ✗ 1 2 > (YR. MO.)

*INFORMATION SOURCE B30 < 1 2 >

*FILE LINK IDENT. B50 < USBM-004 025 1631 >

*REPORTER(SUPERVISOR) G2 < ROTH, FRANCES A (last, first, middle initial) (DEWITT, ED (last, first, middle initial))>

*REPORTER AFFILIATION G5 < ABGMT >

*SITE NAME A10 < YOUNG MINE >

SYNONYMS A11 < YOUNG CLAIM >

LOCATION

*MINING DISTRICT/AREA A30 < RED PICACHO >

*COUNTY A60 < YAVAPAI >

*STATE A50 < A Z >

*COUNTRY A40 < U S >

*PHYSIOGRAPHIC PROV A63 < 1 2 ✗ >

*DRAINAGE AREA A62 < 1 5 0 7 0 1 0 2 ✗ >

*LAND STATUS A64 < 0 0 ✗ ✗ ( ) >

*QUADRANGLE NAME A90 < RED PICACHO (1 9 6 4) >

*QUADRANGLE SCALE A100 < 2 4 0 0 0 >

SECOND QUAD NAME A92 < ( ) >

SECOND QUAD SCALE A91 <>

*ELEVATION A107 < 3 4 0 0 ✗ FT >

UTM

*NORTHING A120 < 3 7 5 8 0 3 0 >

*EASTING A130 < 3 6 0 6 7 0 >

*ZONE NUMBER A110 < + 1 2 >

*ACCURACY

*ACCURATE ACC (circle)

*ESTIMATED EST <>

GEODETIC

*LATITUDE A70 < - - N >

*LONGITUDE A80 < - - W >

CADASTRAL

*TOWNSHIP(S) A77 < 0 0 7 N ✗ ✗ ✗ >

*RANGE(S) A78 < 0 0 2 W ✗ ✗ ✗ >

*SECTION(S) A79 < 18 ✗ ✗ >

*SECTION FRACTION(S) A76 < NE 1/4 OF NW 1/4 >

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

*POSITION FROM NEAREST PROMINENT LOCALITY A82 < ABOUT 0.6 MILES SOUTHEAST OF RED PICACHO PEAK >

*LOCATION COMMENTS A83 < UTM LOCATION MEASURED TO CENTER OF ROW OF THREE SHAFTS NEAR THE END OF THE TRAIL BESIDE THE INTERMITTANT STREAM; A FOURTH SHAFT IS TO SOUTH, SLIGHTLY AWAY FROM FIRST THREE >

* ESSENTIAL INFORMATION

+ ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

COMMODITY INFORMATION

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

* SIGNIFICANCE

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

*PRODUCTION

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

*STATUS — EXPLORATION OR DEVELOPMENT

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

*DISCOVERER L20 <
*YEAR OF DISCOVERY L10 < > *NATURE OF DISCOVERY L30 < B > *YEAR OF FIRST PRODUCTION L40 < 1935 > *YEAR OF LAST PRODUCTION L45 < 1942
*PRESENT/LAST OWNER A12 < K. YOUNG (1947)
*PRESENT/LAST OPERATOR A13 < R.G. ROBERTSON (1947)
EXPL./DEV.COMMENTS L110 < MAJOR CLAIMS ARE THE KATHERINE, WINIFRED, VINCENT AND ERNEST

DESCRIPTION OF DEPOSIT

*DEPOSIT TYPE(S) C40 < VEIN >
DEPOSIT FORM/SHAPE M10 < TABULAR >
*DEPTH TO TOP M20 < > *UNITS M21 < > *MAXIMUM LENGTH M40 < 320 > *UNITS M41 < FT >
*DEPTH TO BOTTOM M30 < 280 > *UNITS M31 < FT > *MAXIMUM WIDTH M50 < 200 > *UNITS M51 < FT >
*DEPOSIT SIZE M15 < (SMALL) M15 < MEDIUM > M15 < LARGE > (circle one) *MAXIMUM THICKNESS M60 < 280 > *UNITS M61 < FT >
*STRIKE M70 < > *DIP M80 <
*DIRECTION OF PLUNGE M100 < > *PLUNGE M90 <
*DEP. DESC. COMMENTS M110 <

DESCRIPTION OF WORKINGS

*Workings are: SURFACE M120 UNDERGROUND (M130) BOTH M140 (circle one) *OVERALL LENGTH M190 < 320 > *UNITS M191 < FT >
*DEPTH BELOW SURFACE M160 < 280 > *UNITS M161 < FT > *OVERALL WIDTH M200 < 200 > *UNITS M201 < FT >
*LENGTH OF WORKINGS M170 < 780 > *UNITS M171 < FT > *OVERALL AREA M210 < 64000 > *UNITS M211 < SQ FT >
DESC. OF WORK. COM. M220 < MAJOR WORKINGS, INCLUDING THREE SHAFTS, ARE ON THE KATHERINE CLAIM.

GEOLOGY

*AGE OF HOST ROCK(S) K1 < T.E.R.T. UNDATED. PROBABLY MIOCENE
*HOST ROCK TYPE(S) K1A < RHYOLITE, DACITE, TUFF
*AGE OF IGNEOUS ROCK(S) K2 < T.E.R.T. UNDATED, PROBABLY MIOCENE
*IGNEOUS ROCK TYPE(S) K2A < RHYOLITE, DACITE, TUFF
*AGE OF MINERALIZATION K3 < T.E.R.T. AS LINE K1
*PERT. MINERALS (NOT ORE) K4 < QUARTZ, CALCITE
*ORE CONTROL/LOCUS K5 < FAULTING, SHEARING
*MAJ. REG. TRENDS/STRUCT. N5 < BEDDING IN VOLCANICS STRIKES NORTHWEST
*TECTONIC SETTING N15 <
*SIGNIFICANT LOCAL STRUCT. N70 < VEINS ORIENTED NORTHWEST, PARALLEL TO FAULTS WHICH CUT VOLCANICS
*SIGNIFICANT ALTERATION N75 < NONE
*PROCESS OF CONC./ENRICH. N80 < OXIDATION AT NEAR-SURFACE
*FORMATION AGE N30 < T.E.R.T. UNDATED. PROBABLY MIOCENE
*FORMATION NAME N30A < UNNAMED TERTIARY VOLCANIC ROCKS
SECOND FM AGE N35 <
SECOND FM NAME N35A <
*IGNEOUS UNIT AGE N50 <
*IGNEOUS UNIT NAME N50A <
SECOND IG. UNIT AGE N55 <
SECOND IG. UNIT NAME N55A <
GEOLOGY COMMENTS N85 < DEPOSIT IS QUARTZ VEIN WHICH CUTS TERTIARY VOLCANIC ROCKS

GENERAL COMMENTS

GENERAL COMMENTS GEN <

March 6, 1941.

Memorandum on Young Mine.

What follows are authentic facts about the mine as I found them from my own survey and study.

The mine is eleven miles northeast from Morristown, Arizona. Former owners sunk a shaft on the vein to a depth of 200 feet and drifted and stoped above the 156 foot level which is the bottom level. At the present time they are following down on some nice ore below this level and have gone down about 20 feet. The attached blue print shows the extent of the work done. This is my own survey and is approximately accurate.

From the original smelter returns from shipments made I find that, from the stoped area shown on the blueprint, they sent the following:

Tons	Assaying	Gold-Averaging	Paid
197.31	over 2 ozs.	2.51 ozs.	$14,050.32
795.29	1 to 2 ozs.	1.30 ozs.	27,617.45
446.66	½ to 1 ozs.	0.69 ozs.	7,806.02
433.22	less than ½ oz.	0.32 ozs.	2,702.19
	Total tons above 1,872.48		$52,175.98

The "Paid" figure is the money actually received from the smelter and is after the deduction of railroad and smelter charges.

Six hundred feet south, along and on the same vein, they sunk a shaft 45 feet. They have the ore in the bottom and shipped one car which assayed 0.36 ozs. They did this recently.

All the above high grade ore was shipped in 1936 and 1937, and all the less than ½ oz. ore was shipped in 1940. In addition to what I have listed they made several shipments of high-grade in 1935 but I do not include them above for I do not have the smelter sheets to report them exactly.

The operators of this mine have simply mined out one lense of high grade ore and have done practically no development in search of others. With the same showing continuously on the surface andthe ore proven at least six hundred feet away, and no work at all except that shown on my blue print, it is incredible that similar ore lenses do not exist, at least in that stretch. The vein elsewhere on the surface looks just as

good as where the ore is proven. The ore in the southerly fifty foot shaft is identical with the good ore left around the rich lense mined but it is near the surface and highly leached. I would expect the values to increase very soon as you get below the surface leaching with further sinking here.

I am not intending here to give a complete picture of this mine but merely to show why I am quite sure there are easily found further lenses of the high-grade ore. As a matter of fact further work and sampling would probably show that the places they haven't mined at all could be worked at a profit, as well as their dumps. They have been interested only in high-grade and have left untouched the ten and twelve dollar ore. On the basis of their own smelter returns I estimate that there would be four to five dollars after all costs but mining, and as mining conditions are very good, a net profit could reasonably be estimated at better than two dollars on a ten dollar ore. The stopes they mined are still open. They have good walls and the ore was apparently four or five feet thick.

A sample we took recently in the bottom of the mine where they are now sinking showed three feet of ore assaying $18.90. This had widened out from one foot fifteen feet above. With the shallow south shaft almost certainly going down in another ore lense also I cannot imagine a more favorable mining chance than this mine offers. In fact I do not believe it could be purchased at all if the present holders were experienced in the mining business.

By

W. B. Gohring.

dh

Mining Engineer.

Page 1

Record of Ore Shipments From Young-Robertson Property.

R. G. Robertson - Shipper

Date	Net Dry Tons	Gold Oz.	Silver Oz.	Copper %	Gross Val. per Ton	Total Net Smelter Returns
1-21-36	23.448	1.38	0.30	0.87	$45.05	$854.64
2-7	39.1205	1.12	0.10	0.57	36.29	1,128.60
2-19	34.076	1.07	0.20	1.10	35.37	955.63
3-13	40.976	1.36	0.40	0.74	44.24	1,481.22
3-24	31.244	1.66	0.20	1.03	54.27	1,433.62
4-8	31.249	1.62	0.10	0.79	52.67	1,383.04
4-29	34.796	2.06	1.00	0.98	67.83	2,045.17
5-12	47.98	2.32	0.10	0.74	75.16	3,172.55
5-27	53.33	1.43	0.20	0.60	46.32	2,040.15
6-12	58.35	1.07	0.10	0.39	34.45	1,590.32
6-20	43.67	2.48	0.40	0.77	80.36	3,114.41
6-29	42.51	1.43	0.20	0.53	46.22	1,621.37
7-9	43.68	1.24	0.20	0.55	40.13	1,399.80
8-10	46.20	1.70	0.10	0.51	54.89	2,153.04
8-27	37.07	1.02	0.40	0.71	33.28	975.11
9-9	44.05	1.63	0.40	0.38	52.49	1,948.50
9-22	30.09	2.98	0.10	0.30	95.96	2,601.72
10-8	32.99	1.35	0.30	0.20	43.47	1,171.77
10-20	41.91	1.22	0.10	0.35	39.28	1,315.59
11-5	37.77	2.86	0.10	0.35	92.09	3,116.47
11-19	31.05	1.20	0.20	0.47	38.74	959.23
12-3	29.96	0.84	0.30	0.46	27.14	618.56
12-17	36.62	0.50	0.50	0.43	16.15	421.06
1-1-37	27.84	0.56	0.90	0.41	18.05	366.55
1-20	36.26	0.78	0.20	0.82	22.90	712.28
2-10	38.01	0.75	0.25	0.99	25.36	726.09
3-2	41.12	0.74	0.20	0.68	24.42	765.26
3-13	37.63	1.32	0.10	0.48	42.70	1,307.61
4-7	29.42	1.21	0.30	0.50	39.23	918.27

Shipped to Magma Smelter - Superior

Base Treatment charge - $3.50 per Ton
plus 10% of values in excess of $15.00

Freight variable - from $1.00 to $3.40 per Ton

Record of Ore Shipments From Young-Robertson Property

R.G. Robertson - Shipper

Date	Net Dry Tons	Gold Oz.	Silver Oz.	Copper %	Gross Value per Ton	Net Smelter Return	
					$	$	
5-13-37	37.55	1.21	0.10	0.53	39.27	1,179.33	Shipped to Magma Smelter - Superior
5-26	31.47	1.13	0.10	0.68	37.02	925.17	
6-14	49.60	0.71	0.30	1.02	24.26	918.30	
6-30	33.82	0.48	0.10	1.55	18.05	447.45	
7-15	47.56	0.20	0.20	0.34	6.44	91.29	
8-10	25.62	1.30	0.32	0.25	41.86	918.59	Shipped to International Smelter - Miami
8-28	23.66	1.33	0.20	0.35	42.99	875.29	
9-23	24.89	0.73	0.25	0.33	23.51	476.90	
10-19	17.95	1.04	0.32	0.32	33.49	505.18	
12-20	21.34	0.73	0.21	0.57	23.51	408.86	
3-14-38	31.79	0.50	0.10	0.48	16.22	366.73	Magma
8-2-39	35.69	0.94	0.40	0.79	30.86	859.28	
8-14	34.27	0.76	0.10	0.45	24.55	641.41	
11-13	39.27	0.55	0.10	0.66	18.22	524.74	
12-18	25.96	0.36	0.10	0.73	12.24	196.84	
5-23-41	52.11	0.44	0.11	0.18	14.13	460.60	Shipped to United Verde Smelter - Jerome

	EUREKA	BELLE ISLE	N. BELLE ISLE
SALAMANDAR X	ARIZONA WEST X	DOMINGO X	ANTILLES
ERNEST (YOUNG)	ARIZONA X	SAHUARO X	MOJAVE
VINCENT (YOUNG)	KATHERINE (YOUNG)	AUSTIN X	PICACHO
PHOENIX X	WINIFRED (YOUNG)	GOSSAN X	CHICAGO
BOSTON	NAVAJO	CACTUS	ILLINOIS

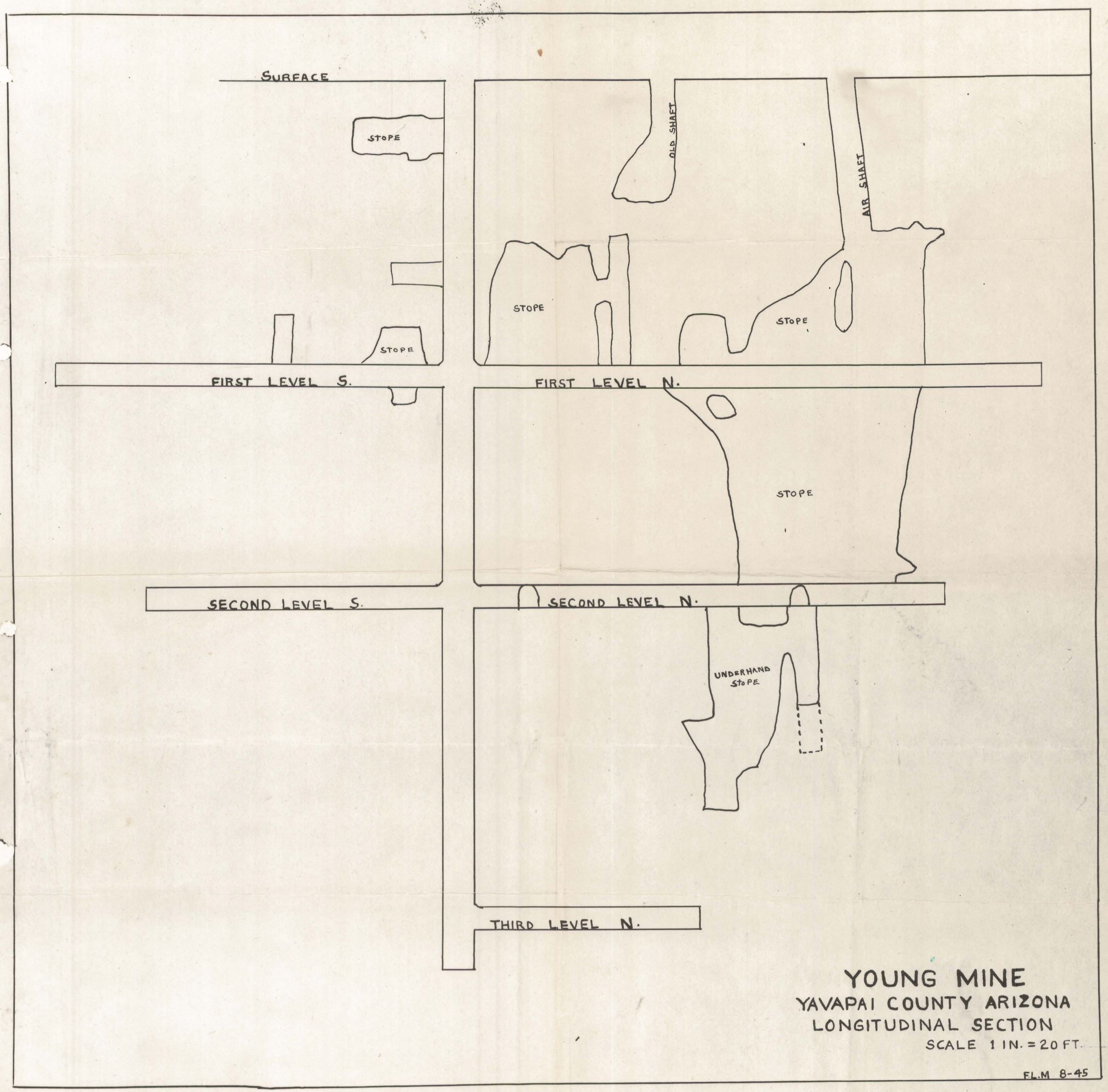
N

YOUNG-ROBERTSON MINE GROUP

YAVAPAI COUNTY, ARIZONA

ONE INCH = 500 FEET

F.L.M. 8-29-45



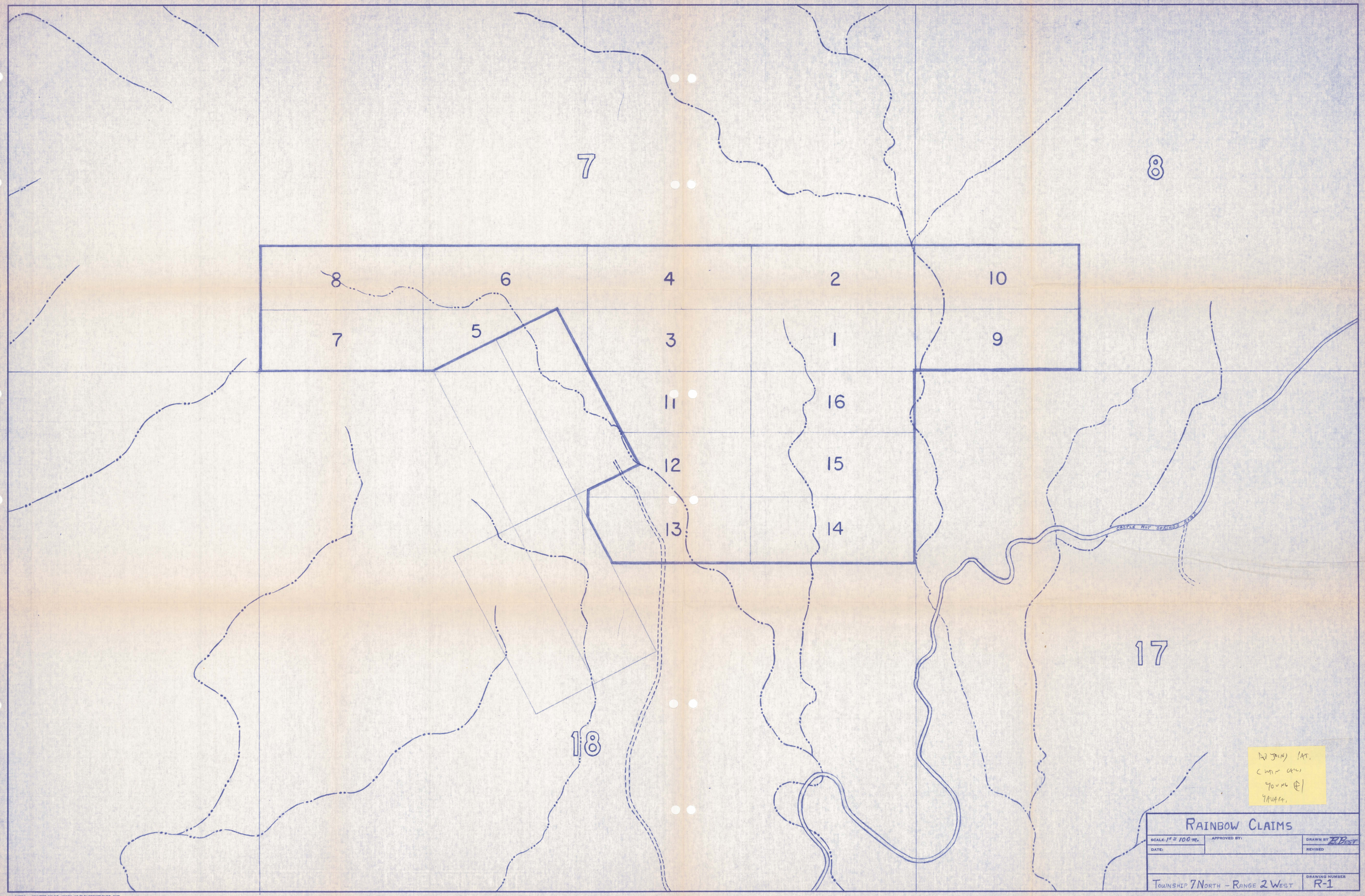
YOUNG MINE

YAVAPAI COUNTY ARIZONA

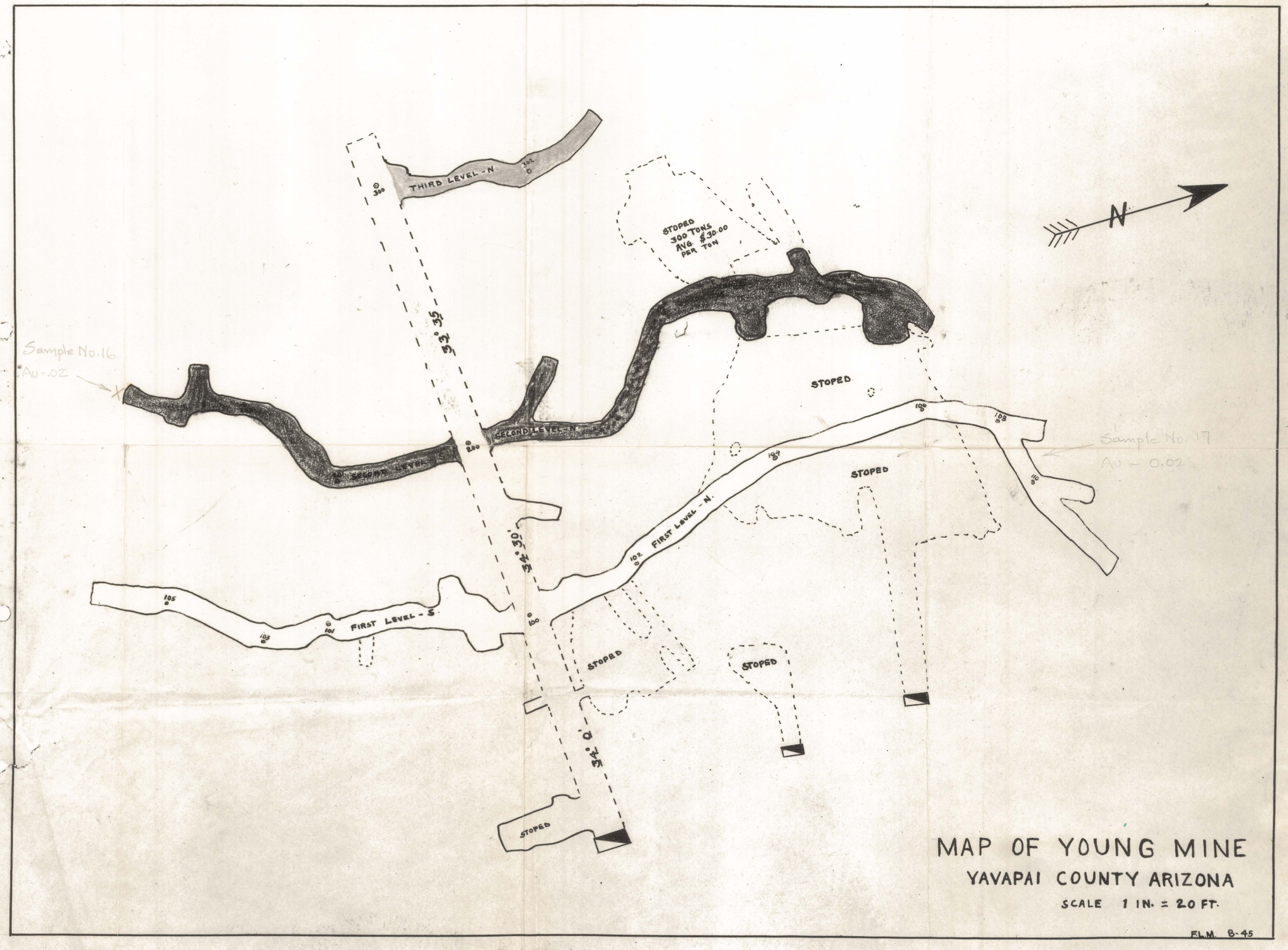
LONGITUDINAL SECTION

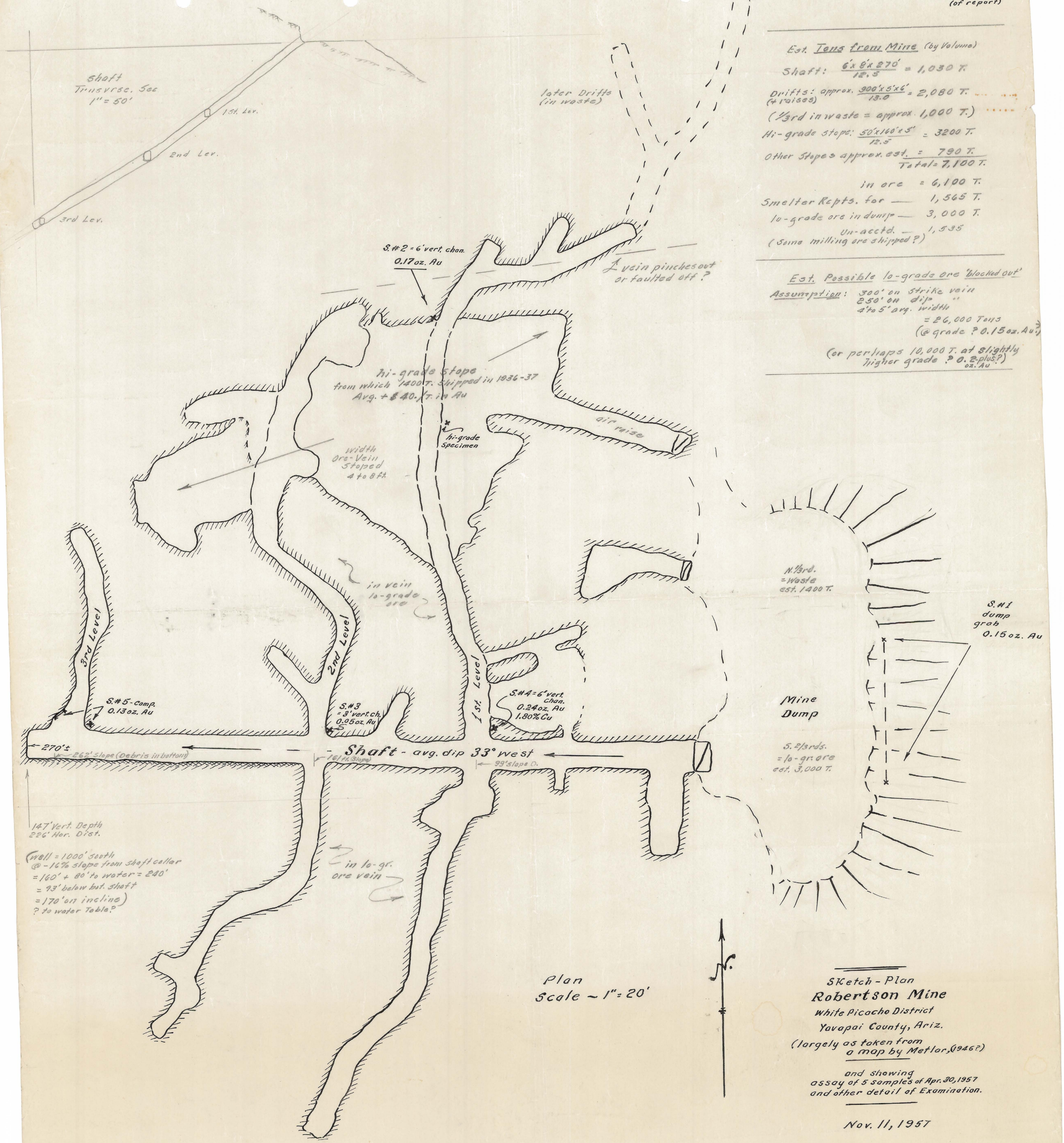
SCALE 1 IN. = 20 FT.

F.L.M 8-45



24X36 PRINTED ON NO. 1000H-10 CLEARPRINT FADE-OUT


THIRD LEVEL - N.
300
STOPED
300 TONS
AVG. $30.00
PER TON
N
33° 35'
Sample No. 16
Au - .02
SECOND LEVEL - S.
SECOND LEVEL - N.
200
STOPED
STOPED
Sample No. 17
Au - 0.02
FIRST LEVEL - N.
34° 30'
FIRST LEVEL - S.
105
102
101
100
STOPED
STOPED
34° 0'
STOPED
MAP OF YOUNG MINE
YAVAPAI COUNTY ARIZONA
SCALE 1 IN. = 20 FT.
F.L.M. 8-45



Plan
Scale ~ 1" = 20'

Est. Tons from Mine (by Volume)

Shaft: $\frac{6' \times 8' \times 270'}{12.5}$ = 1,030 T.

Drifts: approx. $\frac{900' \times 5' \times 6'}{13.0}$ = 2,080 T.
(+ raises)

(1/3rd in waste = approx. 1,000 T.)

Hi-grade stope: $\frac{50' \times 160' \times 5'}{12.5}$ = 3200 T.

Other Stopes approx. est. = 790 T.

Total = 7,100 T.

in ore = 6,100 T.

Smelter Rcpts. for — 1,565 T.

lo-grade ore in dump — 3,000 T.

Un-acctd. — 1,535

(Some milling ore shipped?)

Est. Possible lo-grade ore 'blocked out'

Assumption: 300' on strike vein
250' on dip "
4' to 5' avg. width
= 26,000 Tons
(@ grade ? 0.15 oz. Au)

(or perhaps 10,000 T. at slightly higher grade ? 0.2-plus? oz. Au)

Sketch - Plan
Robertson Mine
White Picacho District
Yavapai County, Ariz.
(largely as taken from a map by Metlar, 1946?)

and showing
assay of 5 samples of Apr. 30, 1957
and other detail of Examination.

Nov. 11, 1957

S. S. Thurmond, Jr.
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