5180 0001

321

item 1

## WEDEKIND MINE

Located 2 miles north of Sparks, Nevada, on main black-top highway to Pyramid Lake, Nevada.

Gold, silver, lead and copper property now owned by the Silver Hills Mining & Milling Co, Inc.

## GEOLOGY

The exposed formations are all Tertiary volcanics, mainly andesite. Mineralization in this area occurs in crushed and altered areas of andesite. The productive zones are irregular, but generally trend northwest and dip gently to the southwest. Due to intense alteration by thermal solutions this originally angular brecciated rock has been changed to resemble a ferruginous cemented conglomerate.

The surface ores contain rich silver chloride with gold along with lead sulphate and carbonate. Gypsum is abundant in the outcrop and in the upper level ores, apparently derived from the alteration of pyrite and lime-feldspar present in the andesite formation.

## PRODUCTION

According to records in the possession of Joseph Martin (Pres. of Silver Hills Mining & Milling Co., Inc.) in Sparks, the major production at Wedekind was made from smelter shipments dur the period 1901-1903 which amounted to $229,621. These records the shipments varied from a few ton to carload lots and the valu ried from $1[illegible],600 to $77 per ton. Unfortunately this production cannot be verified due to the early producers lax methods or rep ing production data for tax purposes. The official record (tax) credits the Wedekind district with the following:

| MINE | YEAR | TONS | YIELD |
|---|---|---|---|
| Desert King | 1902-1903 | 333 | $ 6,569 |
| Reno Star | 1901 | 326 | 15,628 |
| Wedekind | 1901-1903 | 994 | 36,554 |
| Other small producers (of less than $5,000) | | | 14,575 |
| Total | | | $73,126 |

## PROPERTIES

George H. Wedekind discovered the Wedekind mine in 1 by tracing float from the Reno-Spanish Springs Valley road to i nearby source. He is reported to have made a substantial prod from the mine and then turned it to John Sparks, then Governor Nevada. The main properties included both the Wedekind and th Bell.

54

## SYNOPSIS OF ORIGINAL RETURNS FROM ORE FORMERLY SHIPPED

1901

July 13 - Selby Smelting & Lead Co. - 46,513 lbs. ore - Gold 14.884 oz. - Silver 5475.39 oz
July 15 - Selby Smelting & Lead Co. - 42,074 lbs. ore - " 10,518 oz. - Silver 4713.97 oz
Aug. 22 - The Copper King - 46,484 lbs. ore - Gold 8.03 oz. - Silver 495.8 oz.
Oct. 26 - The Copper King - 44,839 lbs. ore - Gold 5.45 oz. - Silver 291.3 oz.
Nov. 11 - The Copper King - 45,991 lbs. ore - Gold 0.56 oz. - Silver 209.4 oz.
Nov. 13 - Pacific Coast Ore Sampling Works - 48,323 lbs. ore - Gold 0.16 oz. per ton Silver - 137.16 oz. per ton - Lead 8.07%
Dec. 27 - P. C. Ore Sampling Works - 24 tons - Gold 0.54 oz. per ton - Silver 263.5 oz. per ton - Lead 12.3%

1902

Feb. 8 - Pyne Smelter - 36,789 lbs. ore - Gold .44 oz. per ton - Silver 182.41 oz. per ton
Oct. 28 - Western Ore Purchasing Co. - 10,045 lbs. - Gold 39.02 oz. - Silver 21648.5 oz.
Dec. 1 - Selby Smelter - 9724 lbs. ore - Gold 6.04 oz. per ton - Silver 3632.96 oz. per ton
Dec. 24 - Selby Smelter - 2168 lbs. ore - Gold 3.6 oz. per ton - Silver 1136.14 oz. per ton Lead - 22.80%

1903

Jan. 23 - Western Ore Purchasing Co. - 7364 lbs. ore - Gold 11.93 oz. - Silver 6051.14 oz.

## ASSAYS FROM REPORT OF PROFESSOR R. B. JACKSON

| Sample | Gold per ton | Silver per ton | Sample | Gold per ton | Silver per ton |
|---|---|---|---|---|---|
| 317 | .06 oz. | 23.74 | 318 | .03 | 45 oz. |
| 319 | .54 | 96.04 | 320 | .01 | 6.25 |
| 321 | .04 | 7.08 | 322 | 1.28 | 129.94 |
| 323 | .04 | 39.23 | 324 | .02 | 10.38 |
| 325 | .06 | 24. | 326 | .71 | 156.27 |
| 327 | .42 | 217.66 | 328 | .79 | 241.85 |
| 329 | .09 | 85.71 | 330 | .08 | 63.30 |
| 331 | .08 | 8.28 | 331a | .04 | 8.82 |
| 331b | .04 | 8.72 | 331c | .08 | 8.28 |
| 332 | .48 | 82.90 | 333 | .93 | 122.35 |
| 334 | 1.03 | 165.49 | 335 | .02 | 20.88 |
| 336 | .06 | 4.74 | 337 | .84 | 76.22 |
| 338 | .43 | 56.73 | 339 | .03 | 10.21 |
| 340 | .06 | 9.34 | 341 | .02 | 6.12 |
| 342 | .02 | 4.38 | 343 | .26 | 36.10 |
| 344 | .05 | 17.59 | 345 | .30 | 162.35 |
| 346 | 1.38 | 562.06 | 36 | .45 | 501.61 |
| 68 | 1.80 | 303.62 | 350 | .04 | 16.01 |
| 351 | .52 | 111.74 | 354 | .92 | 24.98 |
| 353 | .19 | 28.47 | 352 | .18 | 20.64 |
| 355 | 2.06 | 195.56 | 356 | 7.26 | 267.14 |
| 357 | .13 | 23.87 | 358 | .04 | 22.88 |
| 359 | 1.28 | 61.82 | 360 | 11.56 | 185.18 |
| 361 | 4.24 | 149.90 | 362 | .19 | 5.62 |
| 363 | 8.25 | 142.25 | 364 | 24.92 | 141.15 |
| 365 | 4.00 | 99.83 | 366 | 1.50 | 118.96 |
| 367 | .12 | 6.88 | 368 | .09 | 1.01 |
| 369 | .06 | .86 | 370 | 5.80 | 71.02 |
| 371 | 5.06 | 54.38 | 372 | .04 | 4.04 |
| 373 | .06 | .70 | 374 | .01 | 1.39 |
| 375 | Tr. | 1.80 | 376 | .34 | 94.02 |
| 381 | 5.16 | 71.08 | 550 | .69 | 299.09 |
| 551 | .005 | .93 | 552 | .01 | 1.87 |
| 553 | Tr. | 13.26 | 553a | Tr. | 6.12 |
| 554 | .68 | 246.66 | 555 | Tr. | 1.86 |
| 556 | 1.37 | 421.58 | 557 | .12 | 15.10 |
| 558 | .07 | 9.03 | 559 | .72 | 215.46 |
| 560 | .01 | 1.88 | 561 | Tr. | 1.90 |
| 562 | .52 | 268.14 | | | |

WEDEKIND MINE - Cont'd.

As a report appendix reference is made to Exhibit "A", "Copies of Ore Settlement Reports from smelting and refining works", and also copy of report entitled "Assays from report of Prof. R. D. Jackson." (No date on this last report). Exhibit "B"

The following information is furnished by Mr. Martin, who owns the controlling interest of this property which consists of about 200 acres.

Development and assessment work is being currently done, and in fact is much more than the minimum required by law.

The third churn drill hole has a 6" casing and should be an ideal point from which to install a deep well pump and drain the whole property, it being 500 feet deep. Water is encountered at about the 130 foot level.

Nearly all the ground below the 160 foot depth is virgin ground. Assays made from underground locations show values from $100 to $300 per ton of ore in gold and silver. In the third churn drill hole at the 130 foot level gold values were 17 oz. and 2½ oz. in silver.

The lead content was much more than the reports indicate, as it was of low value at that time. Large crystallized "boulders" of galena were produced, some over four feet in size. It is reported that galena can be observed in place now in the underground workings. This will be confirmed as soon as possible. Some ore shipments had as high as 60% of lead.

It is estimated that the ore contains about 80% silica.

Copies of the Ore Settlement Reports (Exhibit "A") are the only ones available, and it is known that there were many more. Mr. Martin had personal knowledge of two carloads of gold and silver ore which sold for $260,000.

Data compiled by

Forrest L. Parmenter
Sparks, Nevada.
Jan. 22, 1948

The latter was on a desert land entry, from which a reported $80,000 was taken before an injunction was sustained in favor of the Wedekind. Sparks purchased both the Bell property and the Reno Star, thus acquiring what ever title the Bell had to the Wedekind deposit.

The early milling practice (the mill was located across the present main highway) was reported to be unsuccessful because the circuit was designed to treat surface oxide ores and the mine was soon developed below the water table where sulphide ores were encountered. Tailings from this early milling effort were successfully cyanided in 1911-1913. Hot acid water was encountered in the Wedekind shaft in 1903, at a depth of 213 feet where the workings passed from unaltered andesite through a "gray mud". This flow carried quantities of silt into the sump and consequently through the pumps. This mud, together with the acidified water, corroded the piston pumps which proved inadequate to handle the flow. (Mr. Martin was employed at the mine at that time and states that he personally pulled out the pumps referred to, and that the report that three-stage 130-gallon-per-minutecapacity centrifugal pump installation was not made). It is said that this heavy flow of water and the poor mill recoveries, together with litigation, combined to make the mine unprofitable for the original investors. Two small companies each tried to work the mine in the early '20's, and in 1930 a Mr. Miller, acting for the SouthWest Mines Investment Company, obtained a bond and lease on the Wedekind and Arkell properties for the purpose of testing the ground at depth by churn drilling. Three test holes were drilled, the results of which were favorable according to numerous publicity reports issued to local newspapers. The first hole failed at a depth of 142 feet due to a collapsed casing. Miller reported sphalerite was encountered in the second hole at a depth of 210 feet, and that some values continued down from 212 feet to the bottom of this hole at 317 feet, and that the third test hole drilled through lead-silver-zinc sulphide minerals in "lime formation" below a depth of 400 feet. (Mr. Martin states that this hole is 500 feet deep). On the evidence of these sludge samples the Southwest Mines Investment Company planned to deepen the Dennison shaft and drift under the mineral cut by the drill holes; However, the property was again embroiled in litigation and the development curtailed.

Joseph Martin, of Sparks, resides on the property and holds the controlling interest in the property, which he states is now free of any legal entanglements.

The Arkell mine was first incorporated as the Solid Metals Mining and Leasing Company by Adwin Arkell. The property included six claims which lie east of the Wedekind mine. The development work of several companies consisted of a 975-foot adit and five shafts, with one to a depth of 160 feet. Wood (1926) reports the silver-lead-zinc ore from this property varied in value from $3.26 to $26 per ton.

(Refer to University of Nevada Bulletin "Mineral Resources of Douglas, Ormsby, and Washoe Counties" Geology and Mining Series No. 46 - December. 1947)

Copied by F. L. Parmenter
1-22-47

Synopsis of original returns from ore formerly shipped from the Wedekind mine

1901

July, 15- Selby Smelting & Lead Co. Selby, Calif.
46,515 lbs. ore-Gold 14.884 oz. - Silver 5474.39 oz. per ton
Value per ton $3,035.00 Total value $70,568.00

August 22 By the Desert Mining Operators.
46,484 lbs. 23 tons, 484 lbs. Value $408.60 per ton
Assays- Gold 8.03 oz. Silver 495.8 oz. per ton
23 tons 484 lbs. at $408.60 per ton. Total $ 9,496.00

July 15 Selby Smelting and Lead Co Selby, Calif.
42,074 lbs. ore Value per ton $ 2,567.00
21 tons 741 lbs. at $2,567.00 per ton. Total $54,007.00
Assays Gold 10,518 oz. Silver 4713.98 oz.

Oct. 26 By Desert King Mining Co. Operators.
44,839 lbs. ore 22 tons 839 lbs.
Assays Gold 5.45 oz. Silver 291.3 oz. per ton.
22 tons 839 lbs. Value $254.00 pervton Total $ 5,694.00

Nov. 11 By Desert King Mining Co. Operators.
45,991 lbs ore- 22tons 1991 lbs.
Assay- Gold 0.56 oz. Silver 209.4 oz, per ton.
22 tons 1991 lbs. Value $115.90 per ton, Total $2,665.00

Nov. 13 Pacific Coast Sampling Works.
48,323 lbs. ore 24 tons 323 lbs.
Assay- Gold 0.16 oz. Silver 137.16 per ton.
Lead 8.07% Value $77.30 per ton Total $ 1,867.00

Dec.27 Pacific Coast Sampling Works.
24 Tons
Assays Gold 0.54 oz. Silver 263.5 oz. Lead 12.3
Value $150.70 per ton Total $ 3,617.00

1902

Feb.8 Pyne Smelter
36,789 lbs. ore Assay- Gold 0.440 oz. Silver 182.41 oz.
Value $99.80 per ton Total $ 1,836.00

Oct. 28 Western Ore Purchasing Co.
10,045 lbs, 5 tons 45 lbs. Assay Gold 39.0 oz.
Silver 21,648.5 oz per ton. $11,604.00per ton. $58,284.00

Dec. 1 Selby Smelting & Lead Co. Selby, Calif.
9,724 lbs ore
Assay- Gold 6.04 oz. Silver 3,632.96 oz.
Value $1,937.00 per ton Total $8,949.00

Dec. 24 Selby Smelting and Lead Co.
2,168 lbs. ore- Assay-Gold 3.6oz. Silver 1,136.14 oz.
Lead 22.80 Value $590.70 per ton Total $ 620.00

1903

Jan. 25 Western Ore Purchasing Co.
7,364 lbs. ore Assay- Gold 11.93 oz.Silver 6051.14 oz.
Total $12,018.00
Value per ton $3,264.00
Total shipments 194 tons 314 lbs. Average value $1,183.60

# WEDEKIND MINE

Copies of Ore Settlement Reports from smelting and refining works - Courtesy of Mr. Joseph Martin, R.F.D.#2 , Box 141, Reno, Nev.

1901

July 13 - Selby Smelting & Lead Co. - 16,312 lbs. ore - Gold 14.884 oz. Silver 5475.39 oz. - Value $3,036.42. 13 1/4 Tons @ = 26 oz. @ $20 p/t. New Au = $621.50 Au = $1900 = [illegible]

July 15 - Selby Smelting & Lead Co. - 42,074 lbs. ore - Gold 10.518 oz. Silver 4713.97 oz. - Value $2,551.74.

Aug 22 - The Copper King, Ltd. - 46,484 lbs. ore - Gold 8.03 oz. Silver 495.8 oz. - Value $3,965.18.

Oct. 26 - The Copper King, Ltd. - 44,839 lbs. ore - Gold 5.45 oz. Silver 291 .3 oz. - Value $2,521.38.

Nov.13 - Pacific Ore Sampling Works. - 48,323 lbs. ore - Gold 0.16 oz. per ton - Silver 137.16 oz. per ton - Lead 8.07%, $1,705.56.

Dec. 27 - Pacific Coast Ore Sampling Works - 45,695 lbs. ore - Gold 0.54 oz. per ton - Silver 263.5 oz. per ton - Lead 12.3%. Value - $3,248.0 0.

1902

Feb. 8th - Pyne Smelter - Alameda, Calif. - 36,789 lbs. ore. - Gold 0.44 Oz. per ton - Silver 182.41 oz. per ton - Value $1,923.14.

Oct. 28 - The Western Ore Purchasing Co. - 10,045 lbs. ore - Gold 39.02 oz. - Silver 21,648.5 oz., Val ue $18,527.24.

Dec. 1 - Selby Smelting and Lead Co. - 9,724 lbs. ore - Gold 6.04 Oz. per ton - Silver 3,632.96 oz. per ton - Value $8,575.04.

Dec. 24 - Selby Smelting and Lead Co. - 2,168 lbs. ore - Gold 3.6 oz per ton - Silver 1,136.14 oz. per ton - Lead 22.80%.

1903 Value $652.01.

Jan. 23 - The Western Ore Purchasing Co. - 7,364 lbs. ore - Gold 11.93 oz. - Silver - 6,051.14 oz.

Value $3,840.26.

(Note: First two items listed above are net figures after the smelter working charges o f $302.33 and $273.48 have been deducted respectively.)

Above values based on Gold at $20/~~per~~ $19 oz. and Silver at from $.46 -5/8 to $.58-1/8 .

Copied from original records by F. L. Parmenter 1/21/48.

H. Y. Young
Assayer and Chemist
1 1-2 N. Virginia St.

# ASSAY CERTIFICATE

Reno, Nevada, July 5,30.

The sample assayed for J. E. Miller, President, Southwest Mines Inv. Co. MINE ORE, and described as follows gave the following results per ton of 2000 lbs.

DRILL HOLE No. 2

| Description DEPTHS where taken | | | Gold Oz. Per Ton | Silver Oz. Per Ton | Percentages | Value Per Ton |
|---|---|---|---|---|---|---|
| Ore- | 6/18 | No. 1 | .08 | 21.60 | Depth 224-228' | 8.94 |
| 224 to 228' | | 2 | .02 | 2.40 | Wall Rock, No.2 | 1.19 |
| 228 to 230' | 6/19 | 3 | .04 | 22.40 | | 8.41 |
| 230 to 245' | | 4 | .02 | 22.40 | Lead 5.80% | 14.24 |
| 245 to 255' | 6/21 | 5 | .02 | 1.00 | Black Dyke - | .74 |
| 252½ to 254½' | 6/28 | 6 | .04 | 19.60 | Lead tr. | 7.46 |
| | | 7 | .04 | 23.20 | Zinc 2.10% | 10.46 |
| 256 to 268' | 6/30 | 8 | .02 | 88.40 | Lead 1.40% | |
| | | | | | Zinc 17.10% | 46.45 |
| 268 to 285' | 7/1 | 9 | .04 | 46.40 | Lead 6.80% | |
| | | | | | Zinc 8.90% | 31.27 |
| 285 to 297' | | 10 | .04 | 84.80 | Lead 12.90% | |
| 285 to 295 Coarse Ore | | | | | Zinc 15.80% | 56.62 |
| 287 to 305' | 7/2 | 11 | .02 | 35.60 | Lead 8.80% | |
| | | | | | Zinc 9.60% | 29.90 |
| 227 to 228½ & 251-253' | | 12 | .02 | 48.80 | Lead 24.60% | |
| 50' gap - | | | | | Zinc 7.40% | 49.11 |
| 305 to 310' | 7/3 | 13 | .04 | 35.60 | Lead 5.20% | |
| | | | | | Zinc 14.10% | 30.34 |
| 310 to 315' | | 14 | .08 | 48.40 | Lead 11.40% | |
| | | | | | Zinc 9.90% | 38.38 |
| 310 to 317½'- | 7/5 | 15 | 1.92 | 49.60 | Lead 7.40% | |
| | | | | | Zinc 10.80% | 72.21 |

The following is a correct copy of assays from Drill Hole No. 3-

| 1930 | | | | | |
|---|---|---|---|---|---|
| 7/15 50 to 171' | #1 | Tr. | .80 | | .27 |
| 7/25 121 to 126' | 2 | " | 6.40 | | 2.17 |
| 7/25 126 to 130' | 3 | " | 2.10 | | .71 |
| 9/3 130 to 138' | 4 | .02 | 1.60 | | .96 |
| 9/3 138 to 145' | 5 | .02 | 1.80 | | 1.03 |
| 9/3 145 to 153' | 6 | .08 | 80.40 | Lead 9.80% Zinc 14.60% | 53.07 |
| 9/3 240 to 247' | 7 | .04 | 8.80 | Lead 10.60% Zinc 4.80% | 19.66 |
| 9/17 245 to 255' | 7A | .04 | 17.20 | Lead 7.80% Zinc 4.10% | 19.01 |
| 9/17 263 to 280' | 8 | .02 | 4.80 | Lead 8.90% Zinc 2.80% | 14.02 |
| 9/17 280 to 295' | 9 | .04 | 37.60 | Lead 7.60% Zinc 17.80% | 37.59 |
| 9/22 338 to 345' | 10 | 14.38 | 2.80 | | 288.96 |
| 9/23 333 to 337' | 11 | .16 | 10.80 | sludge | 7.08 |
| 9/23 337 to 341' | 12-13 | .06 | 5.50 | sludge | 3.06 |
| 9/23 341 to 343' | 14 | .56 | 4.40 | sludge | 12.78 |
| 9/23 343 to 345' | 15 | .52 | 3.80 | sludge | 11.76 |
| 9/23 345 to 347' | 16 | .28 | 1.80 | sludge | 6.24 |
| 10/23 345 to 348' | 17 | 4.16 | 1.40 | Coarse Material | 83.70 |

50,400 oz on L.C

Gold at $20. per oz.
Silver at $.34 per oz.

Zinc at $.85 per Unit
Lead at $1.05 per Unit

(Signed) H. Y. Young

COPY

SHIPMENTS RECEIVED AT SELBY PLANT FROM WEDEKIND MINE, NEVADA, 1900-1-2.

| Date Received | Shipper | Dry Weight | ASSAYS Gold | Silver | Lead |
|---|---|---|---|---|---|
| | | | Oz. per Ton | | |
| Jan. 2, 1900 | Geo. W. Wedekind | 1514 lbs. | None | None | |
| July 21, 1900 | J. L. Wedekind | 14987 " | .77 | 289.42 | |
| Do | Do | 9916 " | .15 | 102.84 | |
| Sept. 11, 1900 | Geo. H. Wedekind | 31894 " | .22 | 108.87 | |
| Oct. 5, 1900 | Do | 37214 " | .45 | 157.39 | |
| " 22, " | Do | 40033 " | .21 | 76.23 | |
| Nov. 3, " | Do | 36481 " | .18 | 76.30 | |
| " 19, " | Do | 36433 " | .32 | 122.67 | |
| Nov. 9, " | Do | 37581 " | .22 | 83.06 | |
| " 30, " | Do | 34437 " | 1.21 | 415.23 | |
| " " " | Do | 1064 " | .56 | 2293.43 | |
| " " " | Do | 34247 " | .36 | 145.98 | |
| Dec. 21, " | Do | 42401 " | .32 | 100.57 | |
| " 28, " | Do | 41487 " | .17 | 81.87 | |
| Jan. 4, 1901 | Do | 40453 " | .25 | 94.24 | |
| " 14, " | Do | 55131 " | .21 | 90.43 | |
| " 23, " | Do | 40080 " | .17 | 98.22 | |
| Feb. 11, " | Do | 40279 " | .17 | 115.84 | |
| " 8, " | Do | 43792 " | .18 | 112.70 | |
| " 26, " | Do | 43222 " | .20 | 107.14 | |
| March 9, " | Do | 42428 " | .20 | 92.76 | |
| " 15, " | Do | 42068 " | .18 | 114.00 | |
| " 19, " | Do | 35335 " | .22 | 118.41 | |
| " 23, " | Do | 39485 " | .22 | 146.00 | |
| " 26, " | Do | 42311 " | .22 | 111.82 | |
| Apr. 3, " | Do | 44785 " | .33 | 159.05 | |
| " 12, " | Do | 44002 " | .28 | 121.55 | |
| " 17, " | Do | 45496 " | .25 | 102.81 | |
| " 23, " | Do | 43898 " | .20 | 85.56 | |
| " 26, " | Do | 44458 " | .21 | 80.79 | |
| May 16, " | J. L. Wedekind | 4176 " | .27 | 102.13 | |
| " " " | Do | 15400 " | .14 | 48.96 | |
| " 14, " | Geo. H. Wedekind | 11296 " | .18 | 709.22 | 39.3 |
| " " " | Do | 36855 " | .90 | 398.30 | |
| " 18, " | Chas. B. Bill | 42854 " | .19 | 46.30 | |
| " " " | Geo. H. Wedekind | 30911 " | .24 | 52.76 | |
| May 21, " | Chas. B. Bill | 43384 " | .20 | 49.80 | |
| " " " | Do | 40456 " | .30 | 54.49 | |
| " 23, " | Do | 41353 " | .46 | 67.87 | |
| " 24, " | Do | 34687 " | .28 | 47.62 | |
| " 21, " | Geo. H. Wedekind | 44592 " | .22 | 51.57 | |
| " 24, " | Do | 37967 " | .20 | 65.00 | |
| " 31, " | Do | 46370 " | .18 | 46.91 | |
| June 7, " | Do | 11427 " | .20 | 628.63 | 38.9 |
| " " " | Do | 5012 " | .78 | 361.15 | 3.0 |
| " " " | Do | 25612 " | .17 | 47.92 | |
| July 6, " | Sparks Mining Co. | 46512 " | .64 | 235.44 | |

SHIPMENTS RECEIVED AT SELBY PLANT FROM WEDEKIND MINE, NEVADA, 1900-1-2

(Continued)

| Date Received | Shipper | Dry Weight | Gold | Silver | Lead |
|---|---|---|---|---|---|
| | | | Ozs. per Ton | | |
| July 8, 1901 | Do | 42074 lbs | .50 | 224.08 | |
| Nov. 27, 1902 | Do | 9724 " | 6.04 | 3,632.96 | |
| Dec. 19, " | Do | 2168 " | 3.60 | 1,136.14 | 22.80 |
| Aug. 18, " | J. L. Wedekind | 683 " | 40.34 | 667.46 | 4.0 |

May 1922 From Dennison Shaft

| | | | | | | |
|---|---|---|---|---|---|---|
| 84,780 lbs. | Gold .15 oz. | Silver 61.00 oz. | Lead 14.8% | zn. 18.6% | $2034.89 |
| 77,366 " | " .095 " | " 39.95 " | " 4.4% " | 7.1% | 778.04 |
| | | | | | $2812.93 |

Both shipments Round sorted!

Value Today $5,600.00 (+or-)

American Smelting & Refining Co.
405 Montgomery St.
San Francisco, California

August 6th, 1931.

JBC:K

Dennison Shaft

84,780

1 - 42.39 Ton = $2034.89 = $50.00 per Ton approx old price -

77,366

2 - 38.68 Ton 778.04 = $20.00 per ton approx old price - Today

Today Au = 5.25
Ag = 54.90
Pb = 32.50
Zn = 44.74
Per ton $137.39

Au = 3.32
Ag = 35.96
Pb = 9.65
Zn = 17.04
$66.00

35 × 15 = 175 + 35 = 525 ÷ 20 = 26.25

61 × 90 = 54.90

148 × 20 = 2960 ÷ 20 = 148 × 11 = 1628 + 148 = 1776 ÷ 20 = 88.8

186 × 20 = 3720 ÷ 20 = 186 × 12 = 2232 + 186 = 2418 ÷ 20 = 120.9

88 × 11 = 968 ÷ 20 = 48.4

7.1 × 12 = 85.2 + 7.1 = 92.3 ÷ 20 = 4.65

38.6 ) 778 (20.2
772

39.95 × 90 = 3595.5 ÷ 90 = 39.95

0.95 × .35 = 475 + 285 = 33.25 + freight

Zn - 50% c 90%

Pb 1½ × 90%

Smelter charges are about #2 equal to about 50% of my values -

COPY

Shipments received at Selby plant from Wedekind Mine, Nevada, 1900-1-2

| Date Received | Shipper | Dry weight | Assays Gold | Silver | Lead |
|---|---|---|---|---|---|
| | | | Oz. per ton | | |
| Jan. 2, 1900 | Geo H. Wedekind | 1514 lbs. | none | none | |
| July 21,1900 | J. L. Wedekind | 14987 " | .77 | 289.42 | |
| Do | Do | 9916 " | .15 | 102.84 | |
| Sept.11 " | Geo. H. Wedekind | 31894 " | .22 | 108.87 | |
| Oct. 5 " | Do | 37214 " | .45 | 157.39 | |
| Oct. 22 " | Do | 40033 " | .21 | 76.23 | |
| Nov. 3 " | Do | 36481 " | .18 | 76.30 | |
| Nov. 19 " | Do | 36433 " | .32 | 122.67 | |
| Nov. 9 " | Do | 37581 " | .22 | 83.06 | |
| Nov.30 " | Do | 34437 " | 1.21 | 415.23 | |
| Nov.30 " | Do | 1064 " | .56 | 2193.43 | |
| Nov.30 " | Do | 34247 " | .36 | 145.98 | |
| Dec.21 " | Do | 42401 " | .32 | 100.57 | |
| Dec.28 " | Do | 41487 " | .17 | 81.87 | |
| Jan. 4 1901 | Do | 40453 " | .25 | 94.24 | |
| Jan.14 " | Do | 55131 " | .21 | 90.43 | |
| Jan.23 " | Do | 40080 " | .17 | 98.22 | |
| Feb.11 " | Do | 40279 " | .17 | 115.84 | |
| Feb. 8 " | Do | 43792 " | .18 | 112.70 | |
| Feb.23 " | Do | 43222 " | .20 | 107.14 | |
| Mar. 9 " | Do | 42428 " | .20 | 92.76 | |
| Mar.15 " | Do | 42068 " | .18 | 114.00 | |
| Mar.19 " | Do | 35335 " | .22 | 118.41 | |
| Mar.23 " | Do | 39485 " | .22 | 146.00 | |
| Mar.26 " | Do | 42311 " | .22 | 111.82 | |
| Apr. 3 " | Do | 44785 " | .33 | 159.05 | |
| Apr.12 " | Do | 44002 " | .28 | 121.55 | |
| Apr.17 " | Do | 45496 " | .25 | 102.81 | |
| Apr.23 " | Do | 43898 " | .30 | 85.56 | |
| Apr.26 " | Do | 44458 " | .21 | 80.79 | |
| May.16 " | J. D. Wedekind | 4176 " | .27 | 102.13 | |
| May.16 " | Do | 15400 " | .14 | 48.76 | |
| May.14 " | Geo. H. Wedekind | 11296 " | .18 | 709.22 | 39.3 |
| May.14 " | Do | 36855 " | .90 | 398.30 | |
| May.18 " | Chas B. Bill | 42854 " | .19 | 46.30 | |
| May.18 " | Geo. H. Wedekind | 30911 " | .24 | 52.76 | |
| May.21 " | Chas B. Bill | 43384 " | .20 | 48.80 | |
| May.21 " | Do | 40456 " | .30 | 54.49 | |
| May.23 " | Do | 41353 " | .46 | 67.87 | |
| May.24 " | Do | 34687 " | .28 | 47.62 | |
| May.21 " | Geo H. Wedekind | 44592 " | .22 | 51.57 | |
| May.24 " | Do | 37967 " | .20 | 65.00 | |
| May.31 " | Do | 46370 " | .18 | 46.91 | |
| June 7 " | Do | 11427 " | .20 | 628.63 | 38.9 |
| June 7 " | Do | 5012 " | .78 | 361.15 | 3.0 |
| June 7 " | Do | 25612 " | .17 | 47.92 | |
| July 6 " | Sparks Mining Co. | 46512 " | .64 | 235.44 | |

Reno, Nevada
March 11, 1922

Mr. Joe Martin
Wedekind Mine,

Dear Sir:

The ore in the Wedekind Mine, as assayed by me would be about as follows. When discovered by Mr. Wedekind, the ore assayed from 100 to 300 ozs. of silver, and from $2.00 to $6.00 in gold per ton.

Some of the float, afterwards found, assayed as high as 700 ozs. per ton in silver. At a depth of about 20 feet vertiele, which would be about 30 or 40 feet on the incline, some galena ore was taken out and shipped that assayed as high as 5000 ozs. in silver and from $20.00 to $40.00 in gold per ton.

At a depth of about 100 feet on the incline, there was a body of ore over 20 feet wide that assayed from 200 to 300 ozs. in silver, and from $15.00 to $30.00 in gold.

Some of the samples taken from the ore being sacked at the Bell shaft, when first struck by Bell, assayed as high as 5000 ozs. in silver and $200.00 in gold.

All the lower workings of the mine were assayed by different assayers,

Very truly yours,

Dan W. Gault

# WEDEKIND MINE

## ASSAYS FROM REPORT OF PROF. R. D. JACKSON

| Sample | Gold per ton | Silver per ton. | Sample | Gold per ton | Silver per ton |
|---|---|---|---|---|---|
| 317 | .06 oz | 23.74 | 318 | .03 | 45 oz. |
| 319 | .54 | 96.04 | 320 | .01 | 6.25 oz. |
| 321 | .04 | 7.08 | 322 | 1.28 | 129.94 oz. |
| 323 | .04 | 39.23 | 324 | .02 | 10.38 |
| 325 | .06 | 24 | 326 | .71 | 156.27 |
| 327 | .42 | 217.66 | 328 | .79 | 241.85 |
| 329 | .09 | 85.71 | 330 | .08 | 63.30 |
| 331 | .08 | 8.28 | 331a | .04 | 8.82 |
| 331b | .04 | 8.72 | 331c | .08 | 8.28 |
| 332 | .48 | 82.90 | 333 | .93 | 122.35 |
| 334 | 1.03 | 165.49 | 335 | .02 | 20.78 |
| 336 | .06 | 4.74 | 337 | .84 | 76.22 |
| 338 | .43 | 56.73 | 339 | .03 | 10.21 |
| 340 | .06 | 9.34 | 341 | .02 | 6.12 |
| 342 | .02 | 4.38 | 343 | .26 | 36.10 |
| 344 | .05 | 17.59 | 345 | .30 | 162.35 |
| 346 | 1.38 | 562.06 | 66 | .45 | 501.61 |
| 68 | 1.80 | 303.62 | 350 | .04 | 16.01 |
| 351 | .52 | 111.74 | 354 | .92 | 24.96 |
| 353 | .19 | 28.47 | 352 | .18 | 20.64 |
| 355 | 2.06 | 195.56 | 356 | 7.26 | 267.14 |
| 357 | .13 | 23.87 | 358 | .04 | 22.88 |
| 359 | 1.28 | 61 .82 | 360 | 11.56 | 185.18 |
| 361 | 4.24 | 149.90 | 362 | .19 | 5.62 |
| 363 | 8.25 | 142.25 | 364 | 24.92 | 141.15 |
| 365 | 4.00 | 99.83 | 366 | 1.50 | 118.96 |
| 367 | .12 | 6.88 | 368 | .09 | 1.01 |
| 369 | .06 | .96 | 370 | 5.80 | 71.02 |
| 371 | 5.06 | 54.38 | 372 | .04 | 4.04 |
| 373 | .06 | .70 | 374 | .01 | 1.39 |
| 375 | Tr. | 1.80 | 376 | .34 | 94.02 |
| 381 | 5.16 | 71.08 | 550 | .69 | 299.09 |
| 551 | .005 | .93 | 552 | .01 | 1.87 |
| 553 | Tr. | 13.26 | 553a | Tr. | 6.12 |
| 554 | .68 | 246.66 | 555 | Tr. | 1.86 |
| 556 | 1.37 | 421.58 | 557 | .12 | 15.10 |
| 558 | .07 | 9.03 | 559 | .72 | 215.46 |
| 560 | .01 | 1.88 | 561 | Tr. | 1.90 |
| 562 | .52 | 268.14 | | | |

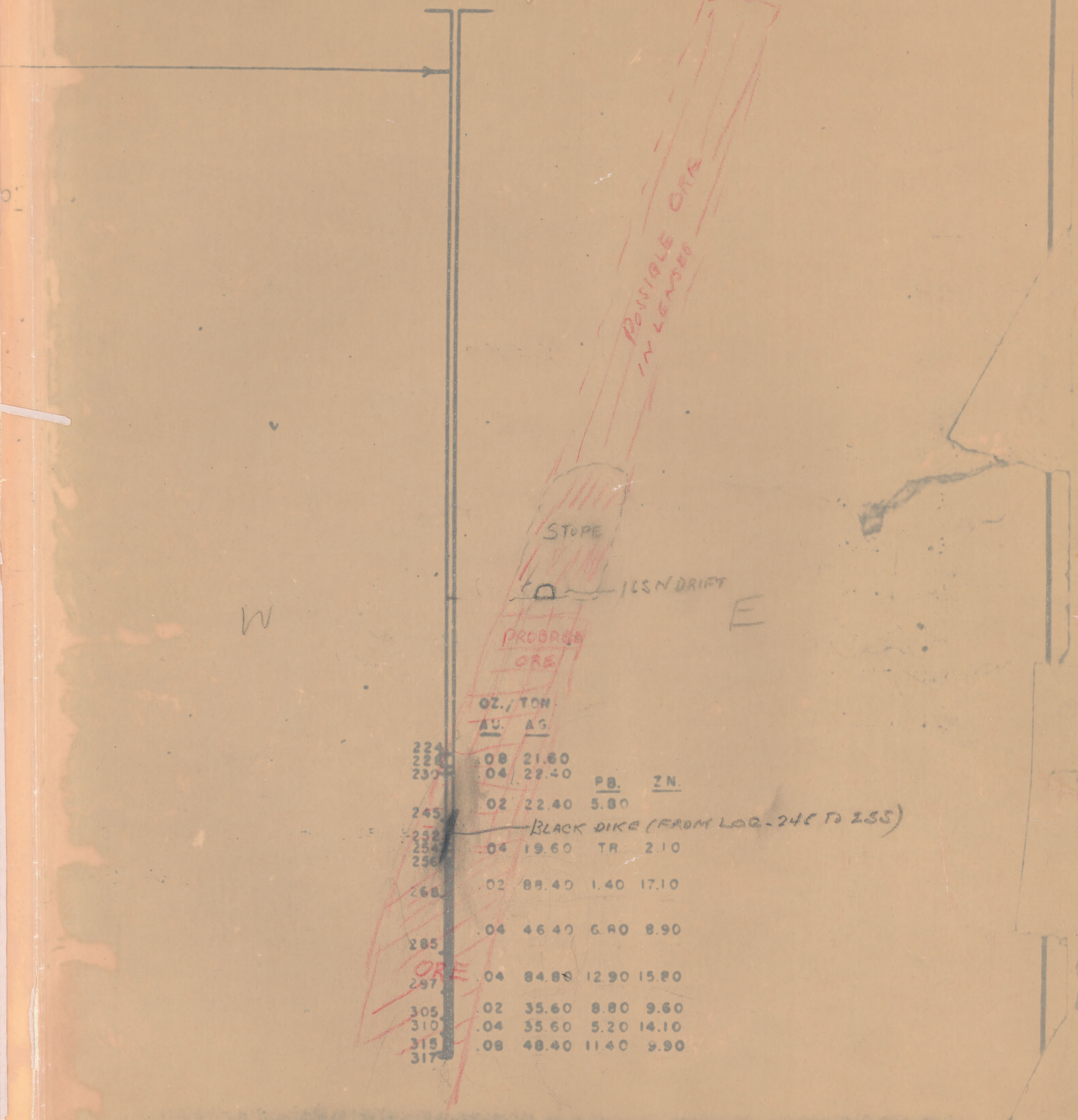
Copy from record in possession of
Mr. Joseph Martin, R.F.D. #2, Box 141
Reno, Nev. 1/21/48

F. L. Parmenter

(321)
Item 1

No. 3?

C.D. HOLE 2.




| | OZ./TON AU. | AG. | PB. | ZN. |
|---|---|---|---|---|
| 224 | | | | |
| 225 | .08 | 21.60 | | |
| 230 | .04 | 22.40 | | |
| 245 | .02 | 22.40 | 5.80 | |
| 250 | | | | |
| 254 | .04 | 19.60 | TR | 2.10 |
| 256 | | | | |
| 268 | .02 | 88.40 | 1.40 | 17.10 |
| 285 | .04 | 46.40 | 6.80 | 8.90 |
| 297 | .04 | 84.80 | 12.90 | 15.80 |
| 305 | .02 | 35.60 | 8.80 | 9.60 |
| 310 | .04 | 35.60 | 5.20 | 14.10 |
| 315 | .08 | 48.40 | 11.40 | 9.90 |
| 317 | | | | |

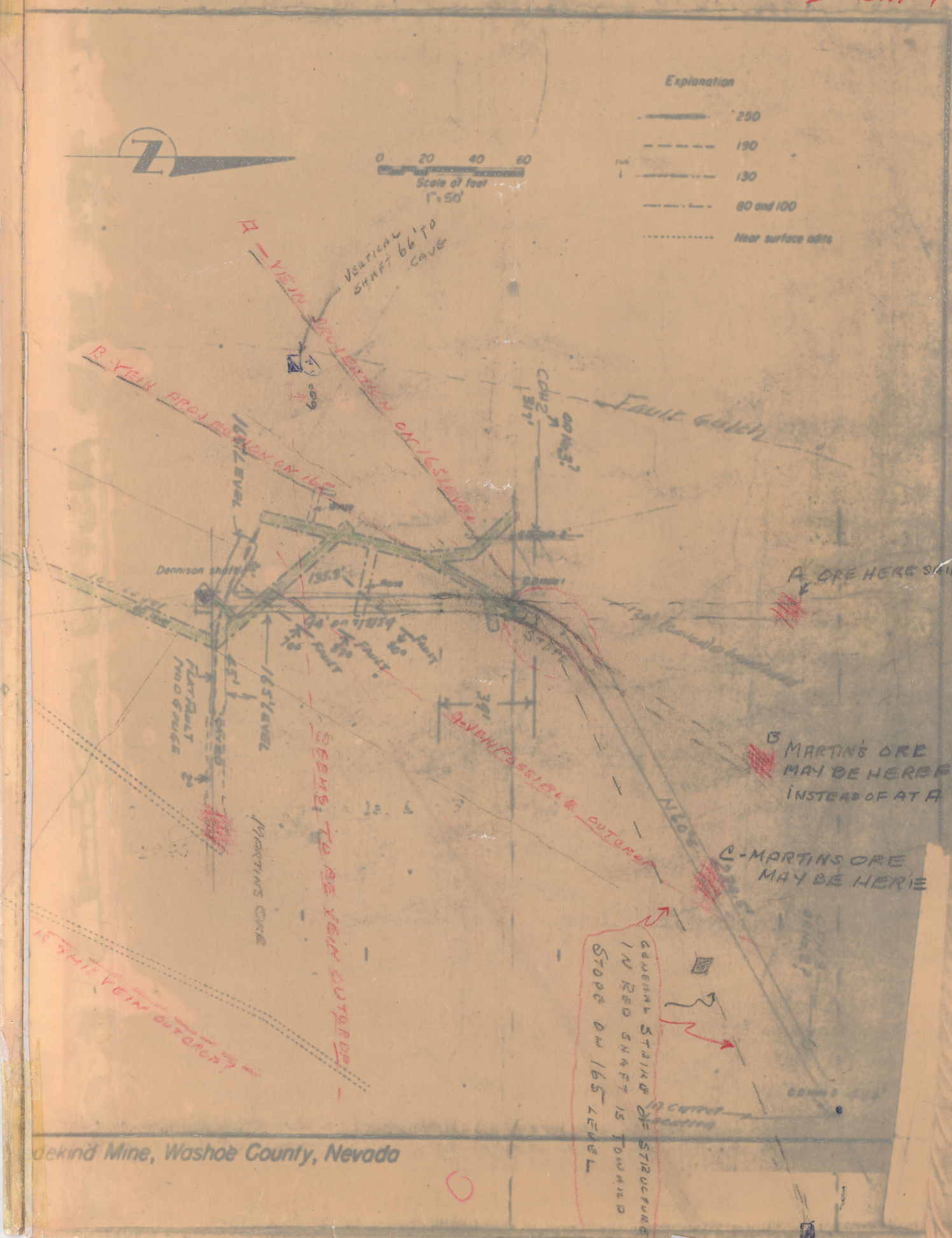
SCALE 1"=40'

EKIND MINE, WASHOE COUNTY, NEVADA.

5180 0001

321

Item 1




dekind Mine, Washoe County, Nevada

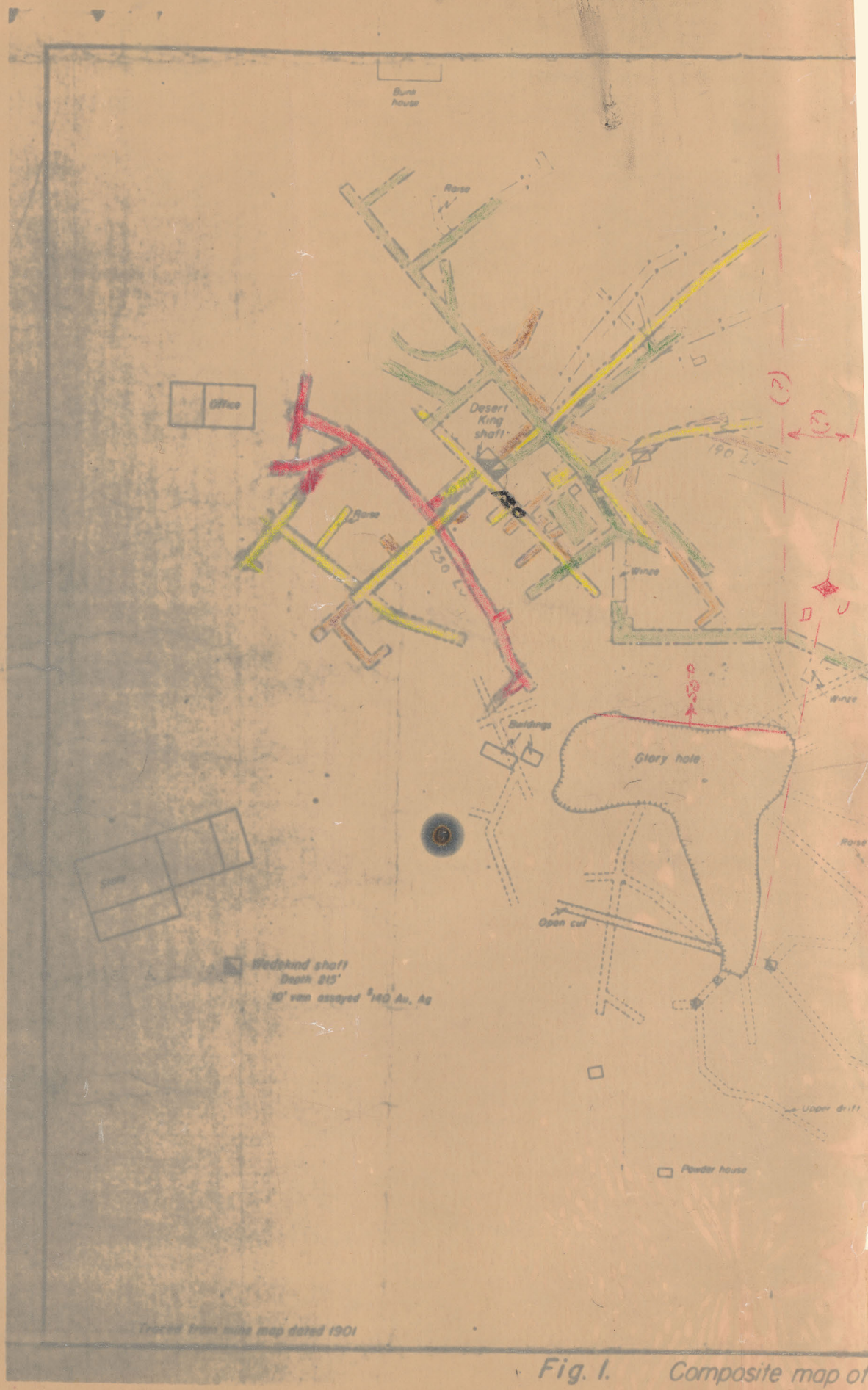



Fig. I. Composite map of

1931

NO. 2?

C.D. HOLE 3.

272'

SCALE: 1" =

| | OZ./TON AU. | OZ./TON AG. | % PB. | % ZN. |
|---|---|---|---|---|
| 50–71 | TR. | .80 | | |
| 121–126 | TR. | 6.40 | | |
| 126–130 | TR. | 2.10 | | |
| 138–145 | 0.2 | 1.60 | | |
| 145–153 | 0.2 | 1.80 | | |
| 153–240 | 0.8 | 50.40 | 9.80 | 14.60 |
| 240–247 | 0.4 | 8.80 | 10.60 | 4.80 |
| 247–255 | 0.4 | 17.20 | 7.80 | 4.10 |
| 255–263 | | | | |
| 263–280 | 0.2 | 4.80 | 8.90 | 2.80 |
| 280–295 | 0.4 | 37.60 | 7.60 | 17.80 |
| 295–338 | | | | |
| 338–345 | 14.38 | 2.80 | | |
| 345–346 | 4.16 | 1.20 | | |

FIG. 2. LOGS OF CHURN DRILL HOLES,