

J. H. WREN & CO.

CONSULTING MINING ENGINEERS

CABLE ADDRESS
WRENCO

PHONE GLADSTONE 6-0922
4297 D STREET
SACRAMENTO, CALIF.

REPLY TO :

James H. Wren
Mining Engineer

604 S. WELLS AVE., APT. 4
RENO, NEVADA PH. 322-4840

AUGUST 7, 1964

TO : U. S. MINING EXPLORATION CO., INC.
2895 MDANA LANE, RENO, NEVADA.
ATTENTION : WM. FLEMING.

FROM : J. H. WREN & COMPANY,
CONSULTING MINING ENGINEERS.

SUBJECT : SILVER CROWN MINE EXPLORATION OBSERVATIONS.

DEAR MR. FLEMING :

AS PER YOUR REQUEST, THIS FIRM HAS OBSERVED EXPLORATION ACTIVITIES AT THE SILVER CROWN MINE DURING THE WEEK OF JULY 26 THROUGH AUG. 1, 1964. THE FOLLOWING OUTLINE WILL COVER PRELIMINARY EXPLORATION ECONOMICS AND KNOWN HISTORICAL DATA.

1. LOCATION :

THE SILVER CROWN LOPE MINING CLAIM GROUP IS LOCATED IN THE RED CANYON MINING DISTRICT OF DOUGLAS COUNTY, NEVADA. THE CLAIMS ARE NEAR THE HEIGHT OF LAND IN THE NORTH FORK OF RED CANYON.

THERE IS APPROXIMATELY FIVE AND ONE HALF MILES OF CANYON ROAD LEADING TO THE PROPERTY.

2. OWNERSHIP :

THE PROPERTY CONSISTS OF SEVEN FULL LOPE CLAIMS, ALL ADJOINING. IT IS OWNED BY THE U. S. MINING EXPLORATION CO., INC.

3. GEOLOGY :

ROCK TYPES ON THE CLAIMS INCLUDE : RHYOLITE, LIMESTONE, SHALE, ANDESITE, QUARTZ VEINS, ALTERED REPLACEMENT ZONES, AND SOME "CRUMBS" OF TERTIARY LAVA FLOWS.

PREVIOUS SELECTIVELY MINED SHIPMENT ORE WAS PRODUCED FROM VARIOUS SECTIONS OF THE PROPERTY OUT OF : A). ALTERED MINERALIZED ZONE IN THE RHYOLITE. B). MINERAL REPLACEMENT OF LIMESTONE BEDS.

NO DETAILED GEOLOGIC MAPPING HAS BEEN DONE ON THE CLAIMS. SUCH A STUDY WOULD SERVE A USEFUL PURPOSE.

4. HISTORY :

OCCURRENCE OF GOLD, SILVER, AND LEAD MINERALS ON THE PROPERTY HAS BEEN KNOWN SINCE THE EARLY 1900S. HOWEVER, IN VIEW OF THE RUGGED TERRAIN, LACK OF ROADS AND MECHANIZED EQUIPMENT VERY LITTLE PROGRESS HAS BEEN ACCOMPLISHED TO-DATE. LAST WEEK'S BULLDOZER MOVED MORE GROUND THAN THE PREVIOUS TOTAL CUBIC DISPLACEMENT THROUGHOUT THE YEARS.

A MINER NAMED WILEY OWNED THE MINING CLAIMS FROM THE EARLY 1900S UNTIL HIS DEATH IN THE 1930S. HE LIVED ON THE PROPERTY CONTINUOUSLY AND DID HIGHLY LIMITED BUT GOOD GRADE SELECTIVE MINING OF THE HIGH GRADE ZONES WITH CRUDE, HAND WORK MINING METHODS. WILEY HAULED HIS ORE OFF OF THE CLAIMS WITH BURROS.

THE WRITER ACQUIRED THE PROPERTY IN 1936 AND HELD IT CONTINUOUSLY UNTIL 1948. IN THE LATE 1930S HE PERSONALLY WORKED ON THE CLAIMS AND IN 1940-'41 EMPLOYED TWO TO THREE MEN SELECTIVELY MINING HIGH-GRADE BY HAND METHODS. PRODUCTION SCOPE WAS LIMITED DUE TO LACK OF MECHANIZATION AND THE LOW METAL PRICES OF THAT PERIOD. NO ATTEMPT WAS MADE TO EVALUATE LOW GRADE VOLUME POSSIBILITIES IN VIEW OF THE THEN EXISTING MARKETS.

DURING THE WRITER'S INTERIM AT THE SILVER CROWN MINE, ALL SELECTIVELY MINED SHIPMENTS, ACCORDING TO SMELTER SETTLEMENT SHEETS RAN AN AVERAGE OF : 0.656 OZ. GOLD, 74.23 OZS. SILVER, AND 42.76% LEAD. THIS GRADE AT PRESENT PRICES WOULD BE : LEAD @ .13¢ - \$103.17 LBS. TOTAL VALUE, GOLD @ \$35 PER OUNCE- \$20.37 PER TON, SILVER @ \$1.2929 PER OUNCE-\$95.98 FOR A TOTAL TON VALUE OF : \$ 219.45 PER TON. THE LATE 1930S' MARKETS WERE LESS THAN ONE THIRD OF THE PRESENT PRICE.

THE U. S. MINING EXPLORATION CO., INC. ACQUIRED THE SEVEN FULL LODE CLAIMS OF THE SILVER CROWN MINE IN EARLY 1963. NO ALIGNED ACTIVITY WAS COMMENCED UNTIL JULY OF 1964.

5. MINERAL OCCURRENCE :

SHIPMENT ORE TO-DATE WAS PRODUCED FROM POST-MINERAL FISSURES' ORE WHICH OCCURS IN PODS ALONG THE STRIKE OF THE VEINS. OTHER SHIPMENT ORE ON CLAIM NO. 7 CAME OUT OF A LIMESTONE REPLACEMENT ZONE.

CHIEF LEAD MINERAL IN THE SHIPMENT ORE WAS GALENA WHICH CARRIED THE GOLD AND SILVER COMBINED.

IN VIEW OF THE FORMER ECONOMIC OUT-OFF-POINT NO EVALUATION WAS MADE OF THE MASSIVE MINERALIZED RHYOLITE DEPOSIT FROM A POSSIBLE BENEFICIATION STANDPOINT. HOWEVER, LIMITED LOW GRADE SAMPLES, SO FAR TAKEN, INDICATE ARSENOPYRITE AND OTHER GOLD-SILVER BEARING MINERALS.

6. JULY 17 THROUGH JULY 21, 1964 PROGRESS :

- A). FIVE AND ONE HALF MILES OF ROAD FROM RED CANYON MOUTH TO THE MINE CABIN WERE PIONEERED. A CLOUDBURST HAD TAKEN THE FORMER ROAD ALMOST COMPLETELY OUT IN JANUARY 1963. IT IS NOW POSSIBLE TO NEGOTIATE THE ROAD WITH A "JEEP" OR OTHER FOUR WHEEL DRIVE VEHICLE. SOME ADDITIONAL WORK IS REQUIRED TRUCKS CAN USE THE ROAD FOR HAULAGE.
- B). A NEW PIONEER ROAD WAS CONSTRUCTED FROM THE MINE CABIN TO THE MAIN DUMP ON SILVER CROWN CLAIM NO. 1. A JEEP CAN EASILY NEGOTIATE THIS ENTRY. APPROXIMATELY 6,000 CUBIC YARDS WERE MOVED ON THIS PROJECT. 1 Y #1-T
- C). FIVE BENCH RAMPS WERE MADE WITH A CUBIC
DISPLACEMENT OF 6,500 TONS.
- D). BENCH NO. 1 TONS DISPLACED 5,000 " .
- E). BENCH NO. 2 TONS DISPLACED 6,500 " .
- F). BENCH NO. 3 TONS DISPLACED 4,000 " .
- G). BENCH NO. 4 TONS DISPLACED 3,500 " .
- H). BENCH NO. 5 TONS DISPLACED 2,500 " .
- I). TOTAL RAMPS AND BENCHES DISPLACEMENT 36,500 " .

THIS HIGH GROUND DISPLACEMENT PER D-7 HOUR WAS DUE TO A BULLDOZER IN EXCELLENT CONDITION, A GOOD HYDRAULIC RIPPER, AN EXPERIENCED OPERATOR, EXTREMELY STEEP HILLSIDE WHERE THE WASTED TONS FELL AWAY FROM THE BLADE EASILY, AND THE FRACTURED NATURE OF THE IN-PLACE GROUND PLUS THE LOOSE NATURE OF THE SHALE OVERBURDEN. NEVER-THE-LESS, SOMETHING OF A LOW COST PER TON RECORD WAS MADE ON THIS ABOVE PROGRESS.

6. JULY 17 THROUGH JULY 21, 1964 PROGRESS, CONTINUATION 1

- J). SAMPLES OF THE OXIDIZED FILL MIXED IN THE VEINS WITH THE HIGH GRADE SULPHIDES WERE TAKEN. IT IS POSSIBLE THAT ADDITIONAL VOLUME MAY BE PRODUCED BY SHIPPING THIS PRODUCT ALONG WITH THE GALENA. SEE HEREWITH SAMPLE ANALYSIS.
- K). GENERAL SAMPLES WERE TAKEN ON EACH BENCH, OF THE MINERALIZED RHYOLITE. OBJECT WAS TO DETERMINE IF AN OPEN PIT PRODUCTION PROJECT IS POSSIBLE. SEE HEREWITH SAMPLING ANALYSIS.
- L). A BENCH SURVEY WAS MADE. A BENCH PLAN MAP WAS DRAWN. ONE CROSS SECTION OF THE BENCH PLAN AREA WAS MADE.
- M). A PRELIMINARY ASSAY CHART HAS BEEN COMPILED SHOWING LOCATION OF THE SAMPLES TAKEN.
- N). A SECTIONAL BLOCK DIAGRAM, ILLUSTRATING POSSIBLE HIGH VOLUME, LOW GRADE TONNAGE IN THE BENCHED AREA, WAS COMPILED WITH TONNAGE FACTORS CALCULATED.
- O). PROJECT PHOTOS WERE TAKEN, PROCESSED AND ARE INSERTED HEREIN.

7. RECOMMENDED FOLLOWUP WORK 1

- A). RUN SOME D-6 BULLDOZER CUTS ON THE ^NORTH SIDE OF THE MINERALIZED HILL WHERE PREVIOUS ORE HAS BEEN FOUND.
- B). SAMPLE THE DUMP ON CLEIM #7 WHICH CAME FROM THE LIMESTONE REPLACEMENT ZONE AND SHOWS A GALENA DISSEMINATION.
- C). ON THE BASIS OF THE PROVEN MINERAL IN THE ALTERED RHYOLITE, SAMPLE WITH OBJECT OF HIGH VOLUME OPEN PIT ORE EVALUATION. SEE X-SECTION ALTERED RHYOLITE DIAGRAM.
- D). TAKE OUT HIGH CENTER SPOTS IN THE CANYON ACCESS ROAD TO ENABLE GETTING A PICKUP TO THE CABIN. A FEW STICKS OF POWDER WILL DO THIS AND WHEN WALKING THE D-6 UP IT CAN FURTHER SMOOTHEN THE ROAD FOR BETTER SERVICE.
- E). EVALUATE THE HIGH GRADE ZONES FROM THE STANDPOINT OF LETTING OUT SOME BLOCK LEASES ON A 50-50 SPLIT OF THE NET TO SAVE IMMEDIATE CAPITAL OUTLAY AND OPEN UP THE PROPERTY AT THE SAME TIME. SELECTIVELY MINED ORE WILL FURTHER POSSIBILITY OF VOLUME LOW GRADE ASPECTS.
- F). CUT THE RHYOLITE ON THE SOUTH SIDE OF THE HILL TO THE SOUTHEAST, EASTERLY X-CUT IN AN EFFORT TO OPEN UP NEW HI-GRADE.

ASSAY REPORT

MINERAL SERVICES, INC.

U. S. Mining Exploration Co., Inc.
c/o L. Fleming
2895 Moana Lane
Reno, Nevada

ASSAYERS & CHEMISTS

Merwin G. White, President
Don Johns, Vice-President

Phone 466-2582

1556 South Second West
Salt Lake City, Utah 84110

Copy to Jim Wren

Lab No. 5137-52

August 6, 1964

ASSAY PER TON OF 2000 POUNDS

| DESCRIPTION | GOLD OUNCES | SILVER OUNCES | WET LEAD % | COPPER % | ZINC % | VAL. GOLD | VAL. SILVER | VAL. LEAD | TOTAL VALUE | VALUE OF GOLD PER TON |
|---------------------------|----------------|------------------|---------------|-------------|-----------|--------------|----------------|--------------|----------------|---|
| # 1, High Tunnel | 0.625 | 3.1 | 12.3 | | | \$21.87 | \$4.01 | \$29.52 | \$55.40 | PER TON |
| # 2, Brown | 0.010 | 8.4 | 5.7 | | | .03 | 10.82 | 13.68 | 24.53 | " " |
| # 3, Ore from flat Vein | Trace | Trace | Trace | | | - | - | - | - | - |
| # 4, Adjacent to Hi-Grade | 0.010 | 0.1 | Trace | | | .03 | .12 | - | 0.05 | PER TON |
| # 7, Drift | Trace | 0.8 | Trace | | | - | 1.03 | - | 1.03 | PER TON |
| #978 (on bag) | 0.030 | 8.2 | 5.3 | | | \$1.05 | \$10.60 | \$12.72 | \$24.37 | (tag on yellow lined paper but no number) |
| # 1 - J | 0.015 | 11.0 | 7.2 | | | .52 | \$14.22 | \$16.28 | \$31.02 | PER TON |
| 7/30/64 2-J | 0.015 | 3.4 | 3.4 | | | .52 | \$4.89 | \$8.16 | \$13.07 | (Receipt type tag but no number) |
| # 3 - J | 0.040 | 30.1 | 13.9 | | | \$1.40 | \$38.92 | \$33.36 | \$73.68 | PER TON |
| 4 - J | 0.025 | 17.4 | 11.4 | | | .87 | 22.50 | 27.36 | 50.73 | PER TON |
| 5 - J | 0.015 | 7.4 | 5.8 | | | .52 | 9.56 | 13.92 | 24.00 | PER TON |
| 6 - J | 0.025 | 2.8 | 1.8 | | | .87 | 3.58 | 4.32 | 8.77 | PER TON |
| BRINK 7 - J | 0.025 | 32.3 | 15.1 | | | .87 | 41.76 | 33.24 | 75.87 | PER TON |
| 8 - J | Trace | Trace | Trace | | | - | - | - | - | - |
| 9 - J | 0.020 | 0.8 | Trace | | | .74 | 8.03 | - | 8.10 | PER-TON |
| 10 - J | 0.065 | 82.9 | 40.1 | | | 2.28 | 107.19 | 88.24 | 197.71 | PER TON |

VALUE CALCULATED BY J.M.W. SEE ASSAY CHART FOR LOCATION OF #1-J THROUGH 10-J SAMPLES, 8/7/64 JMW

Note on charges: 16 samples for gold, silver & lead

@ \$4.00

64.00

Results called. Phone charges

3.30

Total

67.30

Less \$46.00 prepaid

21.30

CHARGES \$ 67.30



REPORT PAGE No. 5

BY


Don Johns

A-Section

SILVER CROWN
MINE

 MINERALIZED RHYOLITE

HIGH GRADE
VEIN BEARING

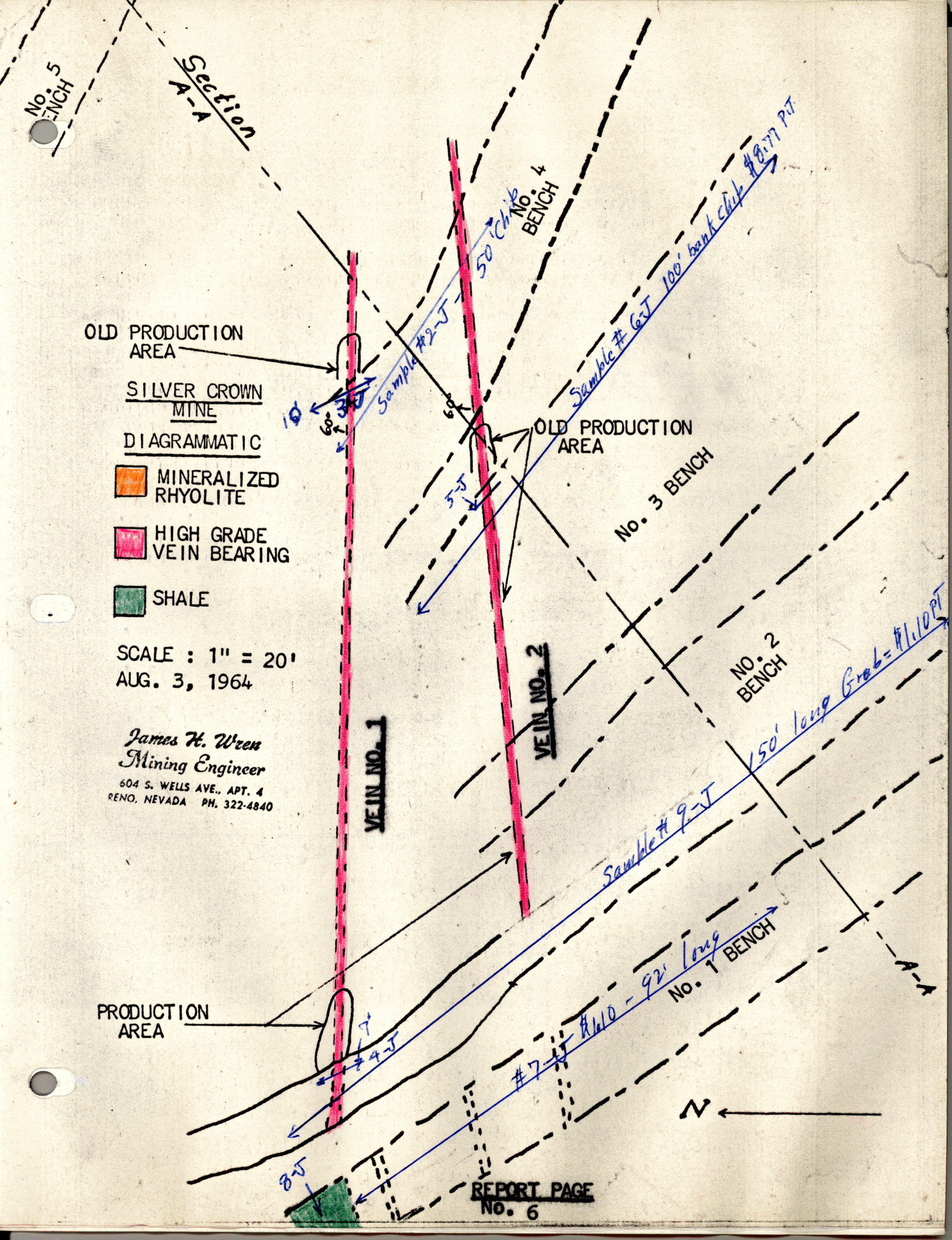
 SHALE

SCALE : 1" = 20'
AUG. 3, 1964

James H. Wren
Mining Engineer
604 S. WELLS AVE., APT. 4
RENO, NEVADA PH. 322-4840

PRODUCTION
AREA

REPORT PAGE
No. 6



8. PRELIMINARY SAMPLING ASSAY ANALYSIS :

REPORT PAGE NO. 5 IS AN ASSAY CERTIFICATE RUN BY MINERALS SERVICES, INC. OF SALT LAKE CITY, UTAH. SUPERIMPOSED ON THIS SHEET ARE VALUE CALCULATIONS BY THE WRITER.

REPORT PAGE NO. 6 IS AN ASSAY CHART SHOWING LOCATIONS OF THE " J " SERIES SAMPLES. THEY WERE TAKEN BY JAMES H. WREN DURING THE PERIOD, JULY 27 THROUGH JULY 31, 1964. THE OBJECT OF THIS SAMPLING WAS TO THROW LIGHT ON THE POSSIBILITY OF ECONOMIC LOW-GRADE-HIGH-VOLUME OPEN PIT PRODUCTION POSSIBILITIES WITH REGARD TO FINAL DETAILED SAMPLING; ALSO TO EFFICIENTLY ALIGN MORE BULLDOZER CUTS.

THE SAMPLE CHART DOES NOT CARRY LOCATIONS SPOTTED OF MR. BRINK'S NOS. 1 THROUGH 6 AS THEY WERE NOT SURVEYED IN THE BENCH PLAN MAP. HIS OBJECTIVE WAS CHIEFLY TO DETERMINE HOW MUCH WIDTH OF SECONDARY MINERALS COULD BE INCLUDED FOR DIRECT SHIPMENT IN THE GALENA ORES.

SAMPLES DESCRIPTION - J SERIES :

- A). SAMPLE J-1 : 12' CHIP ACROSS NO. 1 VEIN'S MINERALIZED AREA EIGHT FEET ABOVE NO. 4 BENCH.
- B). SAMPLE J-3 : 3' CHIP ACROSS NO. 1 VEIN EIGHT FEET ABOVE NO. 4 BENCH.
- C). SAMPLE J-2 : 50' LONG CHIP SAMPLE AT TOE OF EAST BANK SLOPE, INCLUDING MATERIAL FROM NOS. 1 AND 2 VEINS.
- D). SAMPLE 4-J : 3' CUT ACROSS NO. 1 VEIN AT ROAD APPROACH TO NO. 2 BENCH ON THE NORTHERLY SIDE.
- E). SAMPLE 5-J : 300' BANK CHIP ON THE EASTERLY SIDE OF NO. 3 BENCH. THE \$24.00 VALUE PER TON HERE IS PROBABLY NOT REPRESENTATIVE. NOS. 1 AND 2 VEINS WERE INCLUDED IN THIS SAMPLE AND POSSIBLY THE HI-GRADE IN THE VEINS "SALTED" THIS SAMPLE.
- F). SAMPLE 6-J : 100' CHIP SAMPLE TAKEN ON EASTERLY WALL OF NO. 3 BENCH. PROBABLY ACCURATE.
- G). SAMPLE 7-J : COMPOSITE OF A GRAB SAMPLE AND CHIP SAMPLE OVER A 92' LENGTH OF NO. 1 BENCH. THIS BENCH HAS NOT BEEN DEEPEENED ENOUGH TO COME INTO THE VALUES. BETTER VALUES ARE EXPECTABLE WITH ADDITIONAL WORK.
- H). SAMPLE 8-J : 200' CHIP OF THE SHALE ON THE NORTHERLY SIDE OF NO. 1 BENCH. IT WAS NOT EXPECTED TO CARRY ECONOMIC VALUES.
- I). SAMPLE 9-J : 150' LONG BANK SAMPLE FROM NO. 2 BENCH. WHILE THIS SAMPLE WAS LOW IN VALUE (\$1.10 PER TON), NO ORE FROM NOS. 1 AND 2 VEINS WAS INCLUDED. POSSIBLY LESS LENGTH ALONG WITH THE VEINS WOULD SHOW GREATER VALUE.

SILVER CROWN MINE EXPLORATION OBSERVATIONS OF AUG. 7, 1964 :

8. PRELIMINARY SAMPLING ASSAY ANALYSIS, CONTINUATION :

- SAMPLE 10-J**
J). GRAB SAMPLE OF THE $1\frac{1}{2}$ TONS OF NO. 1 AND NO. 2 VEINS' ORE PICKED UP WHILE BULLDOZING. AT \$197.71 PER TON THIS IS DEFINITELY PROFITABLE ORE, CONTAINED OVER THE VEINS' WIDTHS. THIS SAMPLE CONTAINED ABOUT $1/2$ OXIDIZED ORE AND ABOUT $1/2$ SULPHIDE ORE. STRAIGHT SULPHIDE ORE WOULD, OF COURSE, BE MUCH HIGHER AS THE OXIDES SHOW SOME LEACHING.

NOTE : THIS SERIES OF ASSAYS SHOW FAR LESS GOLD VALUES THAN CAME OUT OF THE SAME VEINS AND LOW GRADE ROCK 1936 TO 1941. IT IS RECOMMENDED TO GRAB SAMPLE THE STOCK PILE AGAIN AND TO RUN A RECHECK ON A BENCH OR TWO. AS THE SMELTER PAID IN SETTLEMENT FOR MORE GOLD SUGGEST TO RECHECK THE GOLD WITH SOME OTHER LABORATORY.

- K). ACCORDING TO THIS SERIES OF SAMPLES A DEFINITE POSSIBILITY OF A VOLUME LOW GRADE OPEN PIT ALIGNMENT SEEMS INDICATED. IN-ORDER-TO DETERMINE FACTUAL ECONOMICS SUGGEST THE FOLLOWING:

1. FINISH NOS. 1 AND 5 BENCHES.
2. RUN SOME BENCHES WITH THE D-6, EASTERLY TO THE 200' DRIFT IN THE RHYOLITE ON TOP OF THE HILL.
3. RUN SOME BENCHES WITH THE D-6 ON THE N. SIDE OF THE HILL WHERE MINERALIZED RHYOLITE IS EXPOSED AND HIGH GRADE WAS PRODUCED IN THE EARLY 1900s.
4. TAKE SOME CHECK SAMPLES AS WAS DONE IN THIS SERIES ON ALL NEW BENCHES. FOLLOWUP AS SUGGESTED IN ITEM 5 BELOW.
5. TAKE A CHIP SAMPLE OF EACH 10' ON THE BENCH WALLS AT EACH BENCH. COMPILE AN ASSAY CHART TO ALLOW EVALUATION OF THE VOLUME ECONOMICS. THESE SAMPLES SHOULD BE AT LEAST 200 POUNDS EACH AND SPLIT DOWN TO ABOUT 20 POUNDS. PREFERABLY THEY SHOULD BE CRUSHED DOWN TO MINUS $1/4"$ BEFORE SPLITTING. SAVE REJECTS FOR CHECKING AND FOR MILL TESTING. THERE ARE MULTI-MILLION TONS OF MINERALIZED RHYOLITE ON THESE MINING CLAIMS WHICH WOULD FURNISH HUGE OPEN PIT RESERVES IF THE VOLUME IS PROVEN ECONOMIC.
6. CIRCLE THE HILL TO THE NORTH ON NO. 5 BENCH AND HOOK IT UP WITH THE MINERALIZED STRUCTURE WHICH SHOWS HIGH GRADE GALENA IN THE WORKINGS ON THE NORTH SLOPE.

No. 5
BENCH

Section
A-A

No. 4
BENCH

OLD PRODUCTION
AREA

SILVER CROWN
MINE

DIAGRAMMATIC

MINERALIZED
RHYOLITE

HIGH GRADE
VEIN BEARING

SHALE

SCALE : 1" = 20'
AUG. 3, 1964

James H. Wren
Mining Engineer
604 S. WELLS AVE., APT. 4
RENO, NEVADA PH. 322-4840

OLD PRODUCTION
AREA

No. 3 BENCH

No. 2
BENCH

No. 1 VEIN

No. 2 VEIN

No. 1 BENCH

PRODUCTION
AREA

N


REPORT PAGE No. 9


SILVER CROWN MINE


U. S. MINING EXPLORATION CO., INC.

DIAGRAMMATIC

SECTION : A - A
BEARING : N 50 E

 MINERALIZED RHYOLITE

 HIGH GRADE VEIN

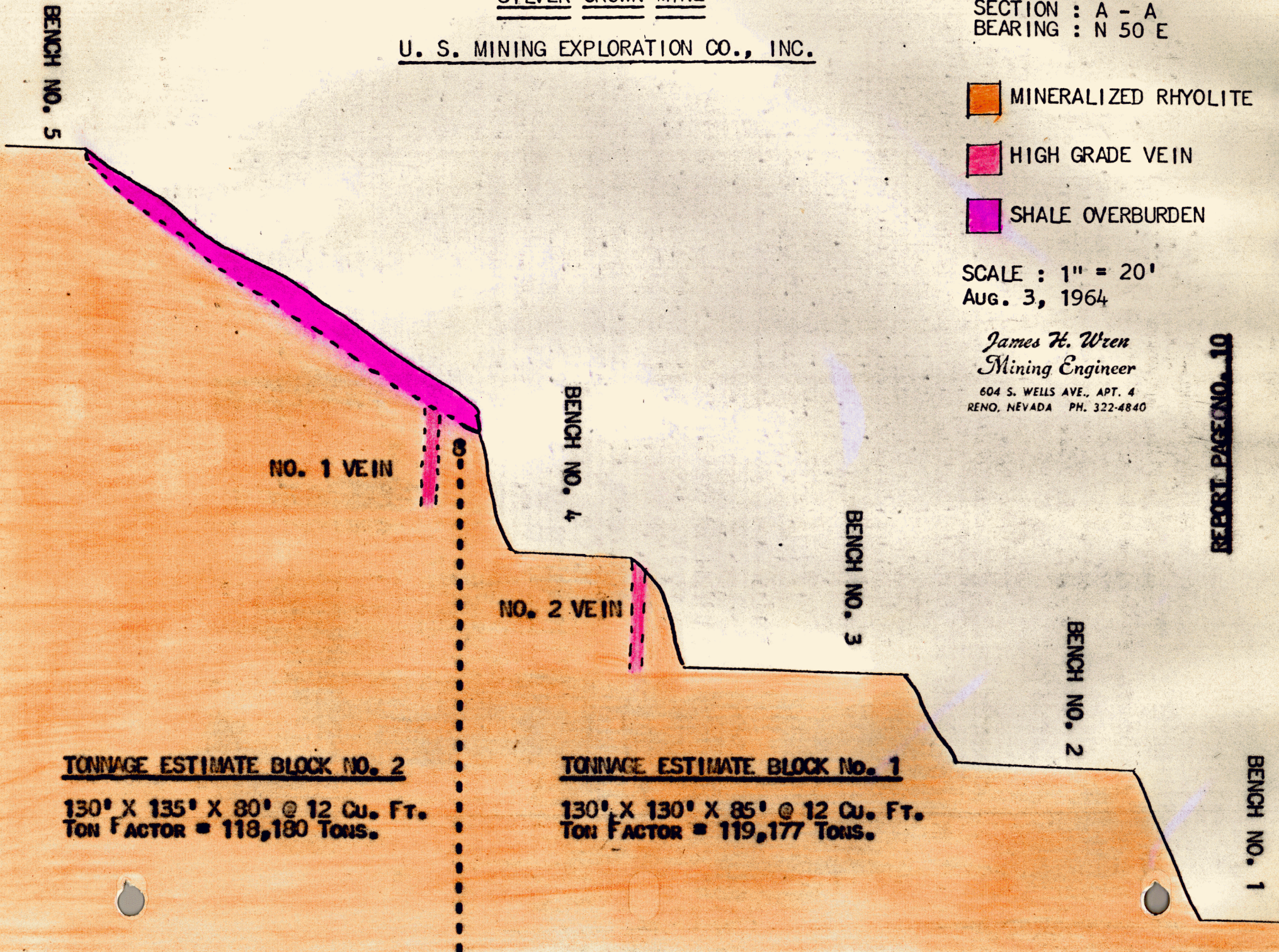
 SHALE OVERBURDEN

SCALE : 1" = 20'
Aug. 3, 1964

James H. Wren
Mining Engineer

604 S. WELLS AVE., APT. 4
RENO, NEVADA PH. 322-4840

REPORT PAGE NO. 10



9. SUMMARY :

A. IT IS RECOMMENDED TO :

- 1). COMPLETE BENCH PLAN STRIPPING OF THE MINERALIZED ZONES ON THE PROPERTY.**
- 2). CARRY OUT A SAMPLING PROGRAM TO PROVE IF VOLUME TONNAGE VALUE IS SUFFICIENT TO COMPENSATE AN ECONOMIC OPEN PIT OPERATION. AN OVERALL VALUE OF SOME \$7.00 PER TON WOULD BE ABOVE AN ECONOMIC CUT-OFF POINT IN VIEW OF THE LIMITED DRILLING, BLASTING AND POWDER COST REQUIRED TO PRODUCE 500 TO 1,000 TONS PER DAY.**
- 3). STRIP KNOWN HIGH GRADE ZONES TO OPEN UP MORE SHIPPING ORE.**

B. ACCURATELY SURVEY AND SET CLAIM CORNER STAKES.

C. LOCATE TWO ADDITIONAL MINING CLAIMS IN THE SPRING AREA BELOW CLAIM NO. 1, ON THE SOUTHERLY SIDE.

D). COMPILE AN ASSAY LOG BOOK, ASSAY CHARTS AND CARRY AN UP-TO-DATE RESERVE AND EVALUATION DATA.

E. AFTER DOING THE REQUIRED ADDITIONAL STRIPPING SOME CONSIDERATION MIGHT BE GIVEN TO LETTING OUT SOME BLOCK LEASES ON A TEMPORARY TIME ELEMENT BASIS. THESE LIMITED "BLOCK LESSEES" WILL FURTHER DEVELOP THE GROUND WITHOUT PAYROLL COST AND A MINIMUM OF DIRECTION. THE USUAL BUSINESS ARRANGEMENT IS TO DEDUCT ALL EXPENSES AND SPLIT THE NET PROFIT BEFORE TAXES, 50-50 BETWEEN THE LEASING TEAMS AND THE COMPANY. THESE LESSEES WHILE PRODUCING DIRECT CRUDE SHIPPING ORE WILL INDIRECTLY BLOCK OUT POTENTIAL MILLING ROCK.

F) IN THE WRITER'S OPINION THE COMMENCEMENT OF STRIPPING, LOCATING SOME HIGH GRADE ORE AND THE ROAD PIONEERING RESULTS WERE VERY SATISFACTORY. SUPPLEMENTAL INFORMATION GAINED FROM THE RECOMMENDED STRIPPING AND SAMPLING PROGRAM IN ITEM "A", ABOVE WILL FURNISH DATA COMPILE A FACTUAL AND ACCURATE PRODUCTION REPORT WITH REGARD TO THE OPENED RESERVES OF THE CLAIMS.

G) THE SILVER MARKET OUTLOOK IS EXCELLENT. AT \$1,293 PER OUNCE SILVER IS HIGHER THAN ANY YEAR SINCE FEB. 12, 1873. OUR DOMESTIC PRODUCTION OF SILVER WILL NOT MEET USE DEMANDS. FOREIGN SILVER IS NOT COMING INTO U. S. IN FORM OF UNREFINED METALS AND CONCENTRATES AS FORMERLY. THE SILVER CROWN MINE IS PARTICULARLY INTERESTING AT THIS TIME IN VIEW OF THE FACT THAT EVEN LIKELY SILVER PROSPECTS SHOWING LESS POTENTIAL THAN THIS PROPERTY ARE VERY HARD TO FIND.

J. H. WREN & COMPANY

BY *James H. Wren*
JAMES H. WREN

James H. Wren

604 South Wells Avenue
Suite No. 4
Reno, Nevada

PHONE : RENO. 322-4840

Born : San Francisco, California - January 22, 1912 .

Marital Status : Married , two grown children - out of college.

Engineering Education : Post graduate studies, knowledge of the Spanish language, hold valid U. S. Passport, Member of the American Institute of Mining And Metallurgical Engineers, author of technical papers.

P R O F E S S I O N A L R E C O R D

September 1, 1947 To-Date :

Individual fee basis mining engineering and short term management assignments, specializing in production problems. Examples : Basic Refractories Inc., a 4,000 tons per day magnesite project. Alder Copper-Gold Corp., 350 tons per day copper zinc operation with selective flotation plant. U. S. Tin Corp., an Alaskan lode and placer tin operation. Baltimore-Camas Corp., 125 tons per day tungsten enterprise. Placereros de Sonora, 5,000 cubic yard per day Mexican gold dredge. Northern Resources Corp., a 125 ton per day quicksilver project. Ecuadorian Dredge Corp., Ecuadorian Enterprises, Inc. Western Hemisphere Resources Corp. French Guiana Gold-Placers. Consulting Mining Engineer to Industrial Development Corp., Washington, D. C., and numerous other domestic and foreign firms for which examinations, evaluations, production mechanization, efficiency programs and production alignment, etc., were successfully handled.

Reference : Theodore Macklin Ph. D. 3127 Hampshire Dr., Sacramento, Calif.
H. P. Morrison, 1745 - K - Street, N. W., Washington, D. C.
J. M. Van Patten, 1714 Fletcher Ave., Sou. Pasadena, Calif.

Sept. 1945 to Sept. 1947 :

Gen'l. Supt. and Utah Manager for Metal Producers, Inc. Chief operation : Horn Silver Mine, Milford, Utah, that State's largest gold, silver, lead and zinc Southerly Utah production mine during the writer's interim there. By engineering alignment, mechanization and marketing adjustment, production was raised from 50 tons per day to over 400 tons in form of three products : Complex selective flotation one, crude smelting one and a beneficiated product shipped direct to smelter. Metals produced : Gold, Silver, Lead, Zinc, Copper. A \$400,000 deficit was paid off by the writer's output and a profit shown. Activities were suspended Aug. 11, 1947 as a direct result of Metallic Premiums termination and the economic grade of existing reserves.

Reference : J. W. Mangram, 243 $\frac{1}{2}$ Sou. Elm Dr., Beverly Hills, California.

February 1944 To Sept. 1945 :

Superintendent, Tungstar Mine near Bishop, Calif. Project produced a monthly average of 3,000 W U3 units per month grossing \$90,000 leaving \$60,000 profit.

May 1941 To December 1943 :

Supervisory duties connected with military construction related to heavy earth moving, rock excavation and heavy construction in foreign fields.

For eight years prior to 1941, worked as a miner, millman, shiftboss, shaftboss, mine foreman, engineer and superintendent at various Western U. S. mines.

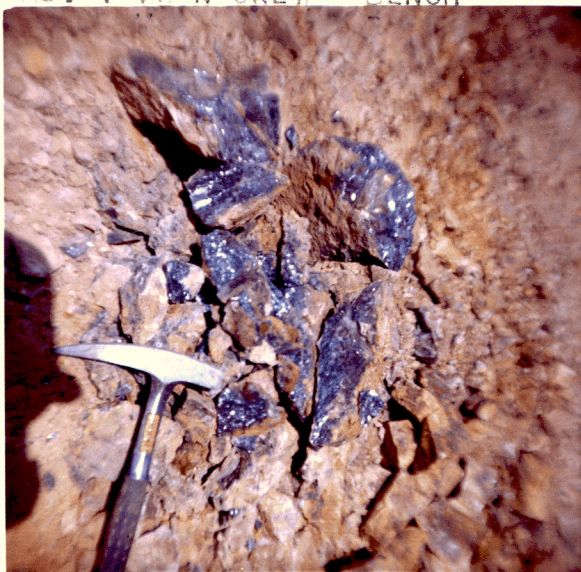
James H. Wren

NO. 2-VEIN ORE SWELL #4 BENCH



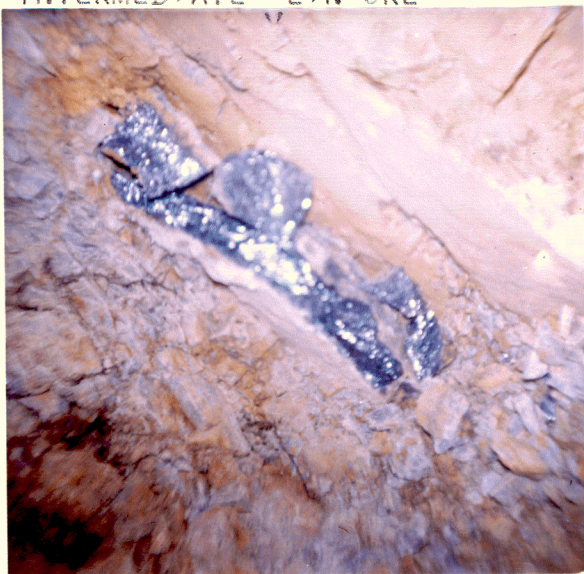
• AUG • 64

NO. 1 VEIN ORE #2 BENCH



• AUG • 64

INTERMEDIATE VEIN ORE

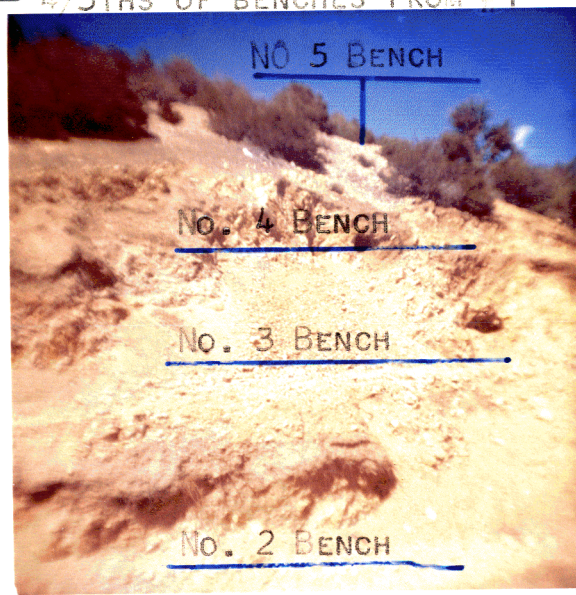


1 RIPPING #1 BENCH



JUL • 64

4/5THS OF BENCHES FROM #1



JUL • 64

COMMENCING NO. 2 BENCH



JUL • 64

COMMENCING NO. 3 BENCH



JUL • 64

MAKING RAMP TO NO. 4 BENCH



JUL • 64

OLD SHAFT NO. 4 BENCH SITE



JUL • 64

STRIPPING NO. 4 BENCH



• AUG • 64

COMPLETED NO. 4 BENCH



NO. 2 VEIN
HI-GRADE

• AUG • 64

RAMPING TO NO. 5 BENCH SITE



JUL • 64

HI-GRADE VEINS 1 & 2



• AUG • 64

BEARING OF NO. 1 VEIN



NO. 1 VEIN

• AUG • 64

NO. 4 BENCH NO 2 VEIN HI-GRADE



• AUG • 64