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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 03/05/2003

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: GOLDEN DOOR

ALTERNATE NAMES:

RED GAP
MOHAVE

MOHAVE COUNTY MILS NUMBER: 145A

LOCATION: TOWNSHIP 25 N RANGE 21 W SECTION 20 QUARTER SE
LATITUDE: N 35DEG 32MIN 07SEC LONGITUDE: W 114DEG 32MIN 25SEC
TOPO MAP NAME: MT PERKINS - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

GOLD

BIBLIOGRAPHY:

ADMMR GOLDEN DOOR MINE FILE
WILSON, E.D. "AZ LODE GOLD MINES & MINING"
AZBM BULL 137, P. 21; 1931
GARDNER, E.D. "GOLD MNG & MLLNG IN BLCK MTNS,
AZ" USBM IC 6901, P. 55; 1936
LONGWELL, C.R. "RECONN. GEOL. BETWEEN LK MEAD
& DAVIS DAM AZ, NV" USGS PP 374-E, P. 38
AZBM CLIPPING FILE, IMPERIAL GOLD MINES INC.
GREAT BASIN GEM JT. VENTURE, VOL. 5,
BLACK MTN. AZ." (ADMMR GEOLOGY FILE)

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

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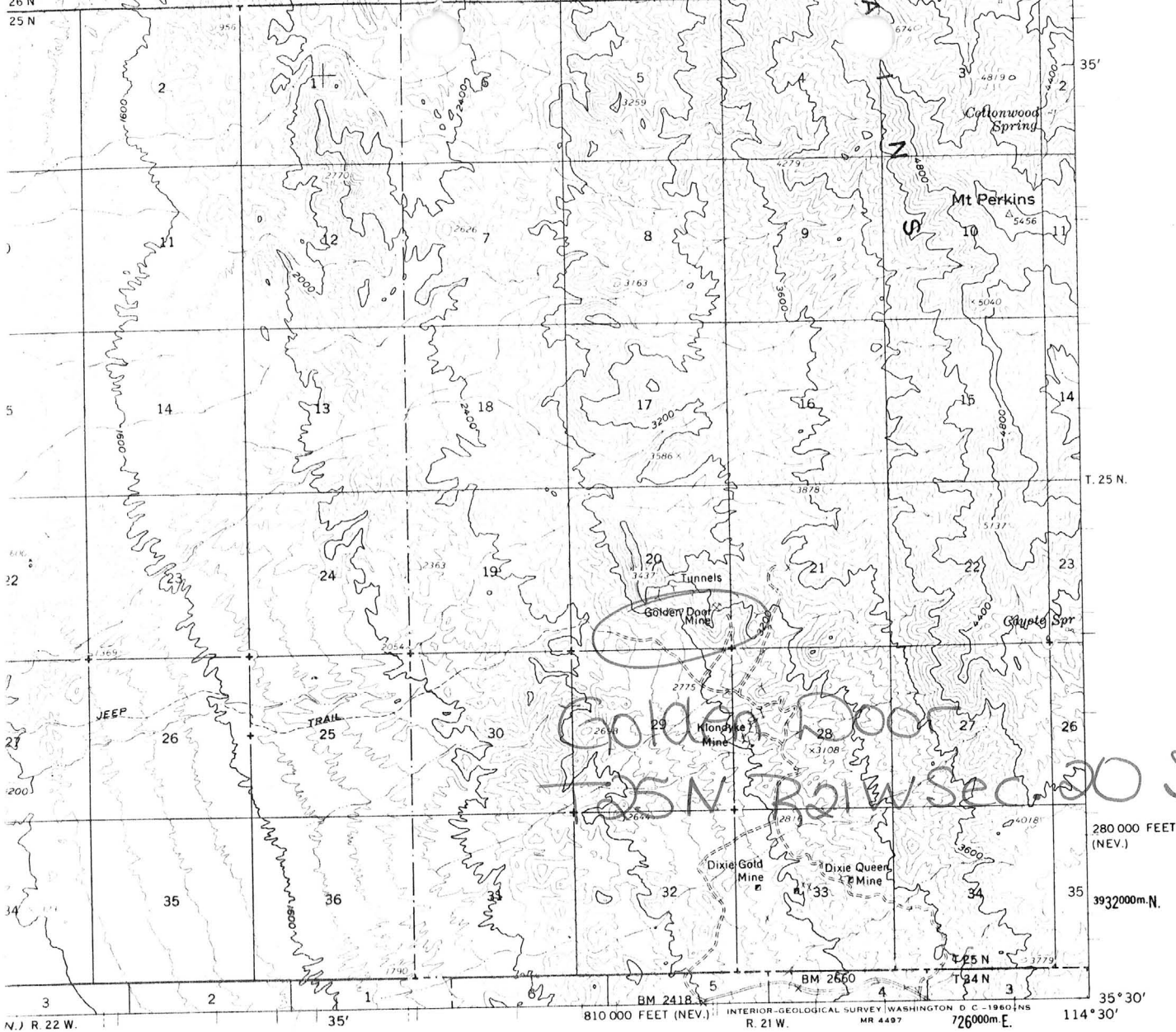
CURRENT STATUS: EXP PROSPECT

COMMODITY:

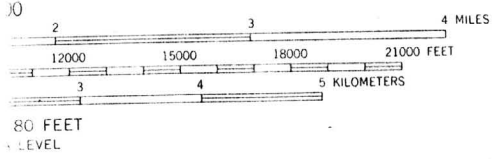
GOLD-PRIMARY

BIBLIOGRAPHY:

AZ. LAND DEPT. MINERALS MAP
USGS KINGMAN MAP
USGS MT PERKINS MAP
WILSON, E.D. ETAL. AZ. LODE GOLD MINES & GOLD
MINING AZBM BULL 137, P. 80
GARDNER, E.D. GOLD MINING & MILLING IN THE
BLACK MOUNTAINS, USGS IC 6901, 1936, P. 55
ADMR GOLDEN DOOR MINE FILE
AZBM CLIPPING FILE IMPERIAL GOLD MINES INC.
USGS PP. 374-E, p. 38
GREAT BASIN GEM JOINT VENTURE, VOL. 5



Golden Door
25 N. R. 21 W. Sec. 20 SE



QUADRANGLE LOCATION

ROAD CLASSIFICATION

Medium-duty Light-duty
Unimproved dirt

U. S. Route State Route

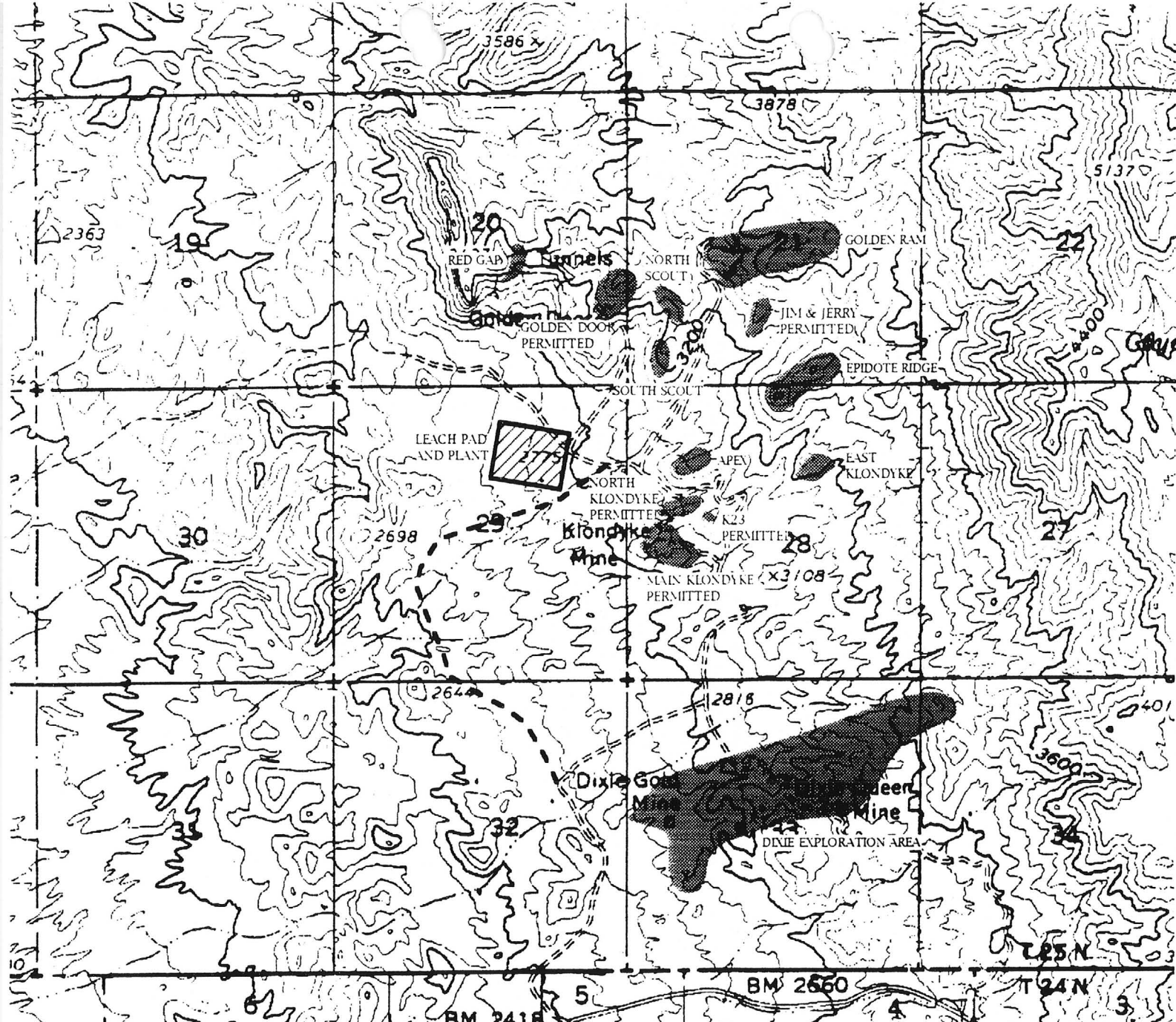
The west half of this area also covered by 1:24 000-scale maps of Fire Mountain and Mt. Davis, 7.5 minute quadrangles, surveyed 1959

MT PERKINS, ARIZ. - NEV. 40
N3530-W11430/15

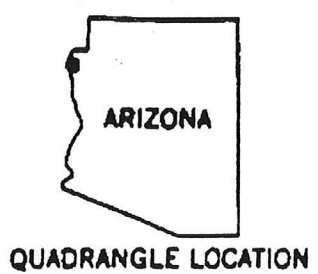
1959

MO

MAP ACCURACY STANDARDS
25. COLORADO OR WASHINGTON 25, D. C.
SYMBOLS IS AVAILABLE ON REQUEST



GOLDEN DOOR
12/1996

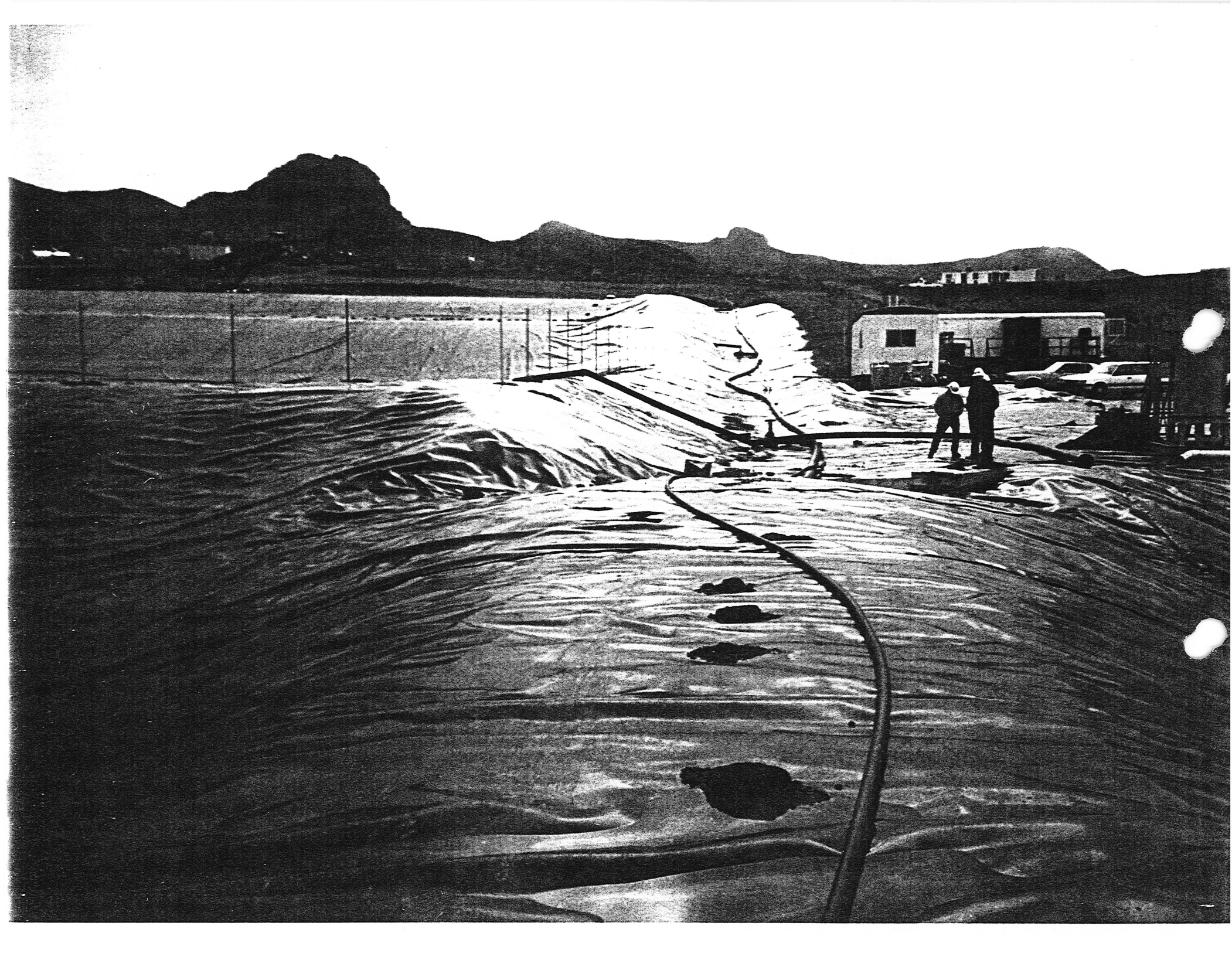


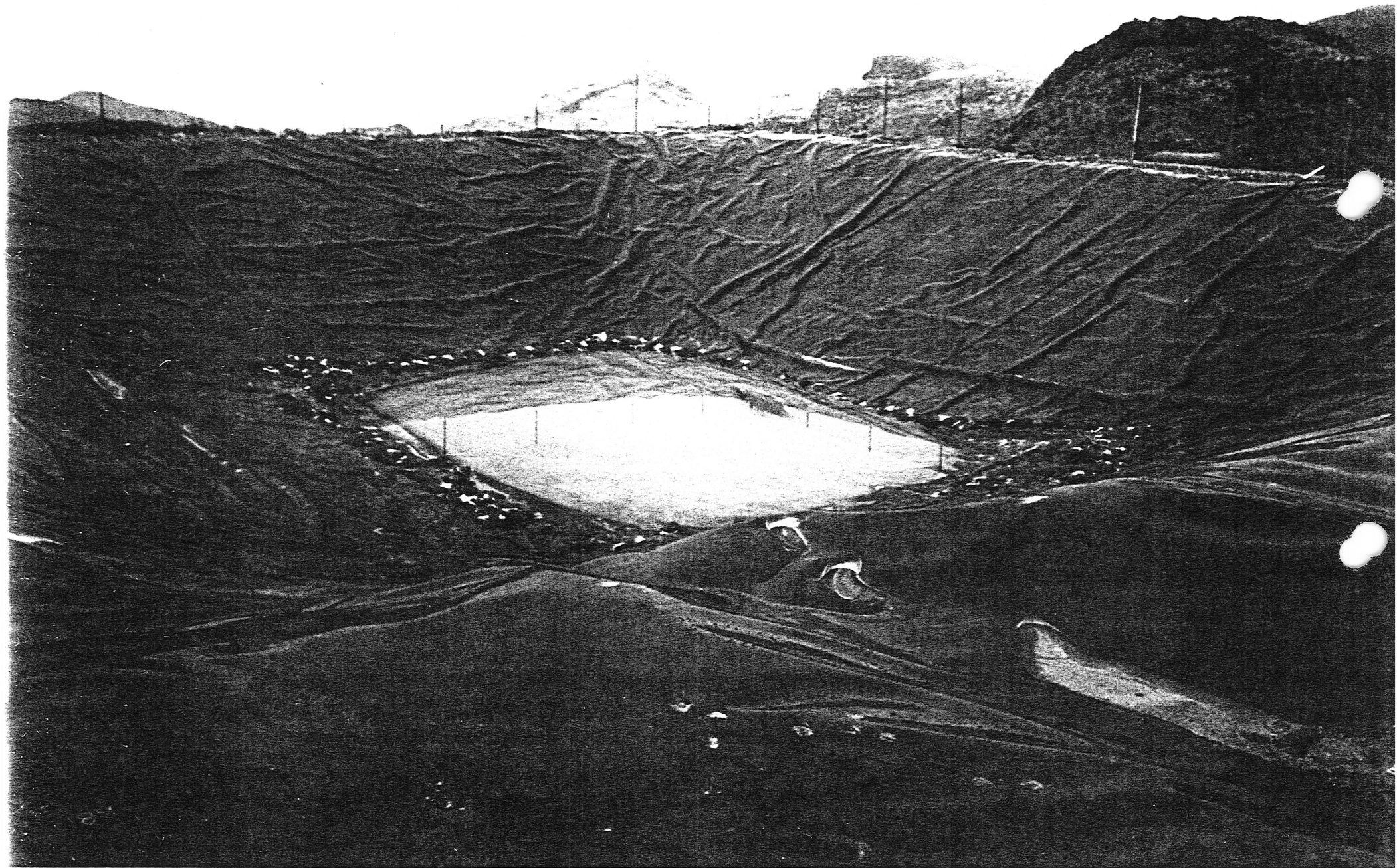
810 000 FEET (NEV.) INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983
 R. 21 W. 725 000m.E.

- ROAD CLASSIFICATION**
- Medium-duty
 - Light-duty
 - Unimproved dirt
 - U. S. Route
 - State Route

The west half of this area also covered by
 1:24 000-scale maps of Fire Mountain and
 7.5 minute quadrangles, surveyed 1959

MT. PERKINS, ARIZ.—
 N3530—W11430/15

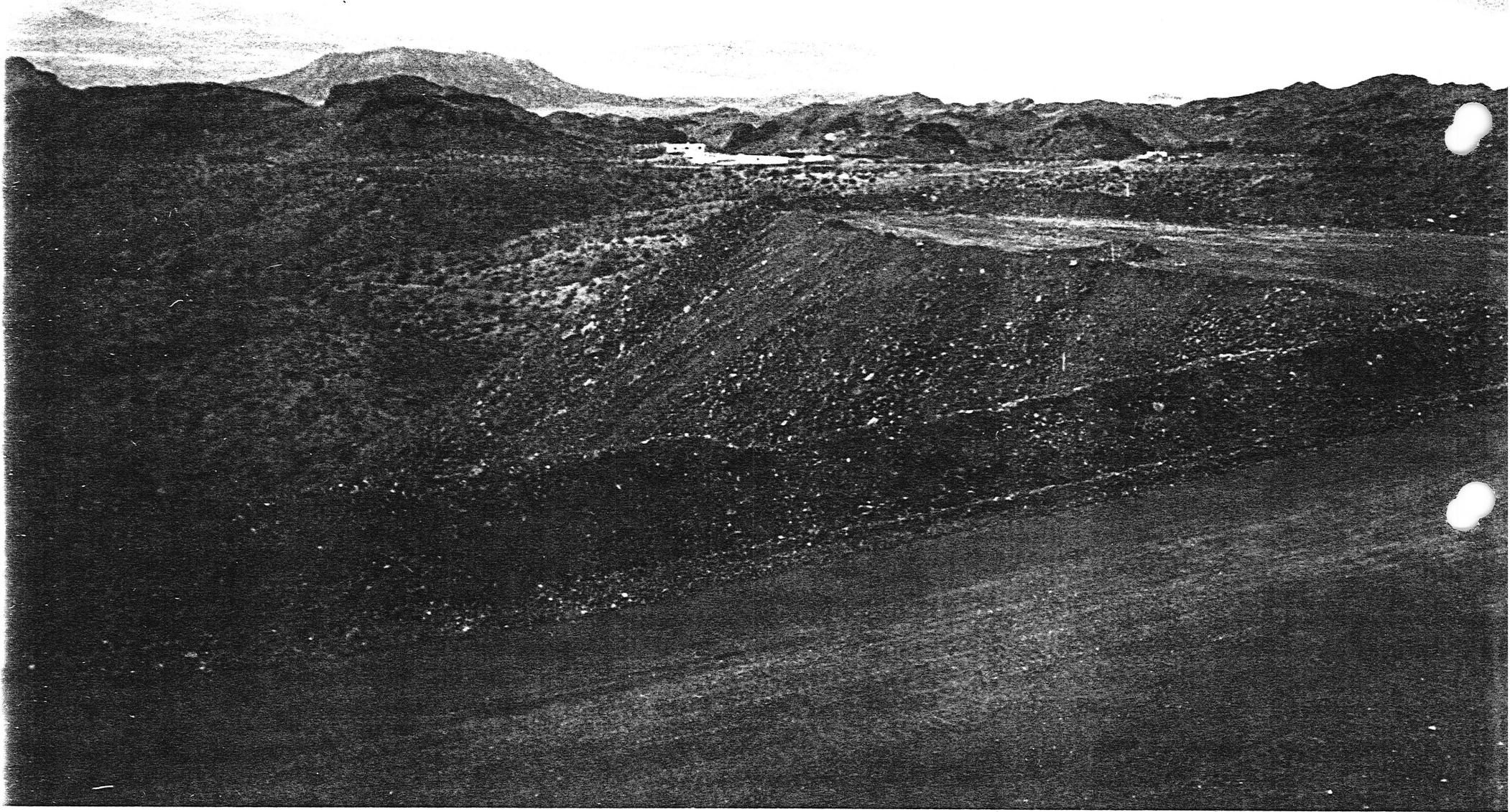








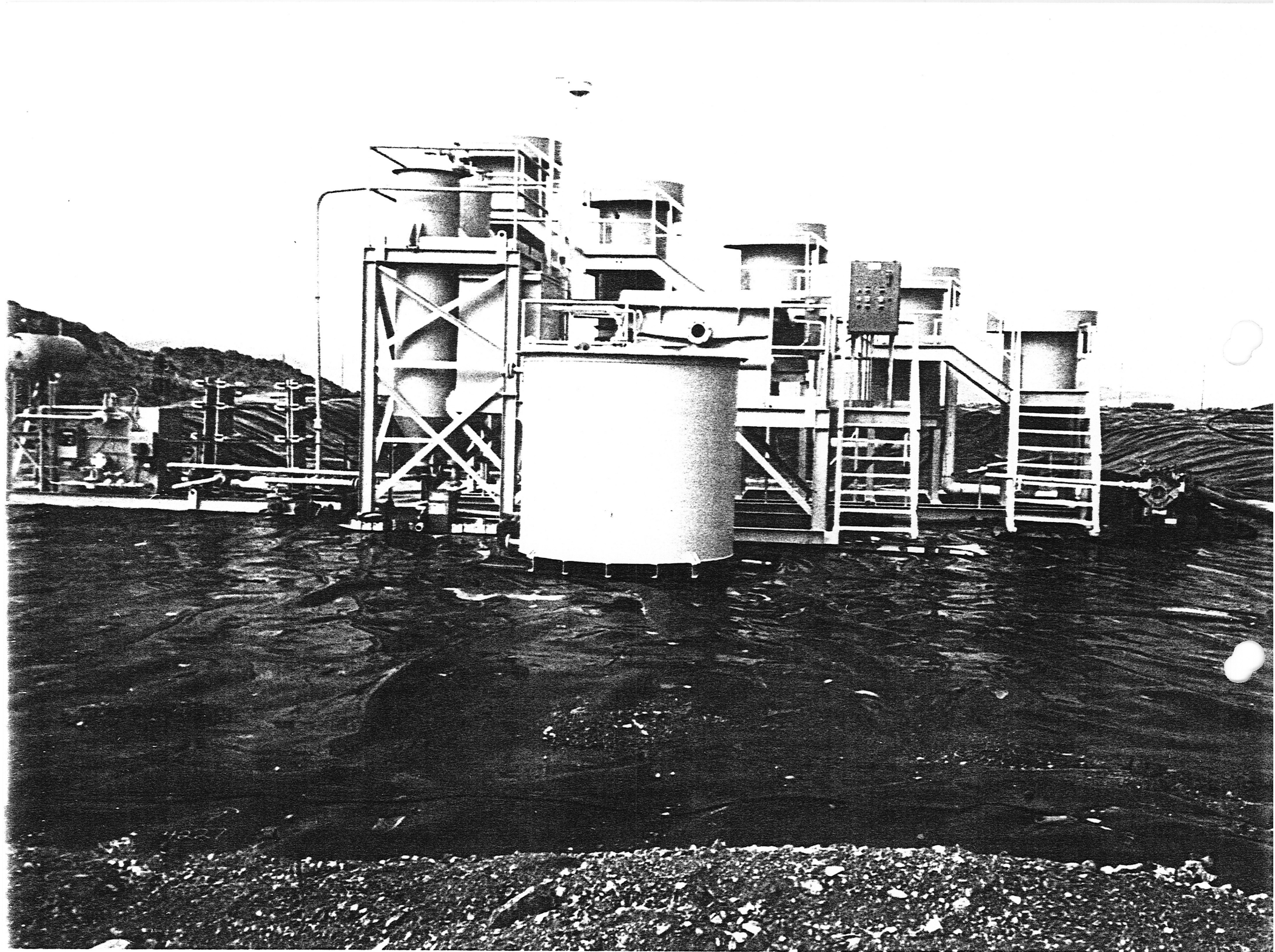




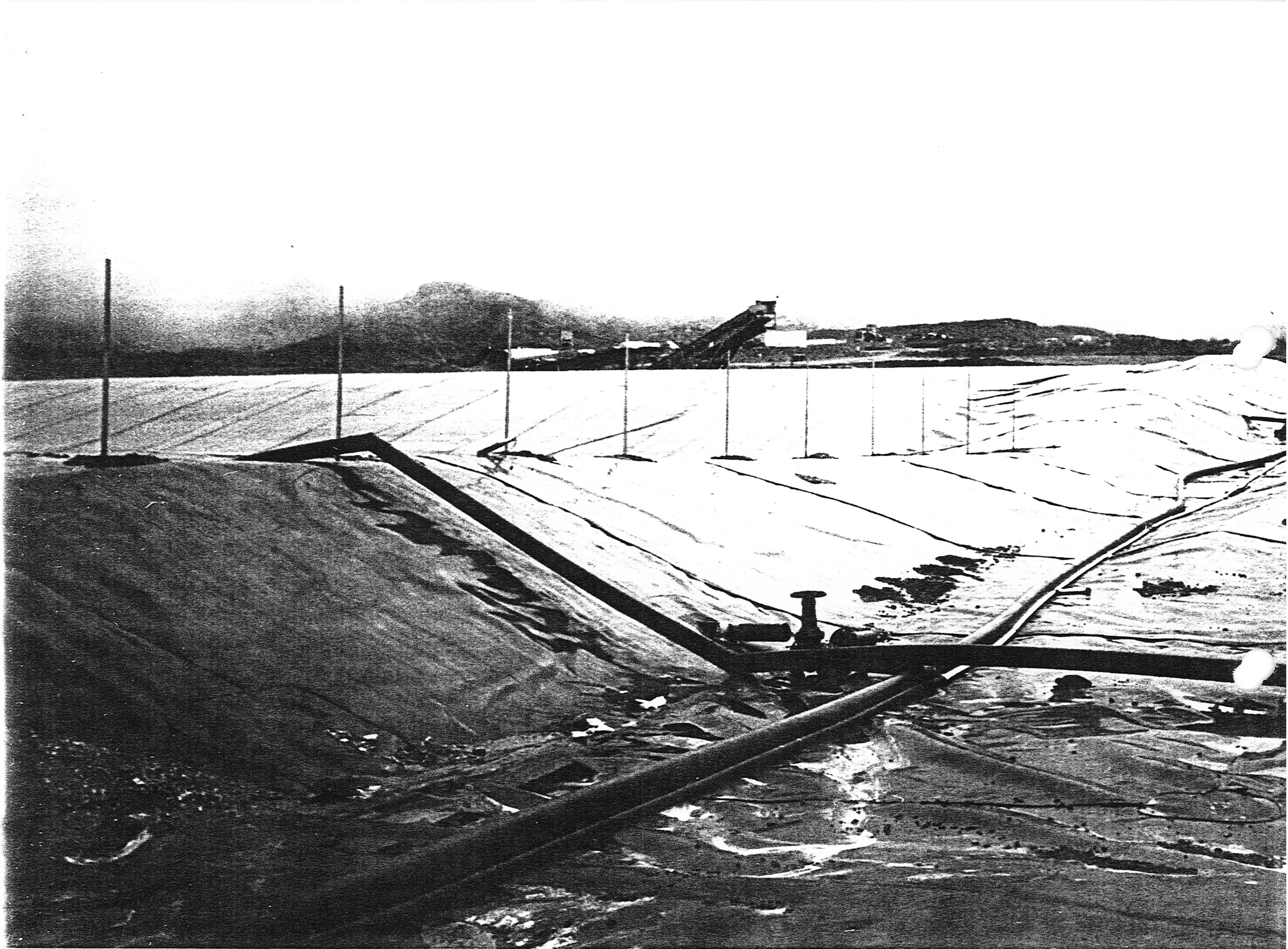












Name of Mine or Prospect: Red Gap Group	Town: 25N	Range: 21W	Section: 20	Priority: C
Principal Minerals:	1:250,000 Quad Kingman		7.5' - 15' Quad Mt. Perkins	
Associated Minerals:	District Weaver		Principal Product Gold	
Type of Operation: Underground	County Mohave	State Ar.	Type of Deposit Vein	
Ownership or Controlling Interest: Consult current USBLM mining claim records				
Access: From the intersection of U.S. 93 and Cottonwood Road proceed west on Cottonwood Road for 14 miles. Turn right on unimproved road for 3.5 miles. Group is near the Golden Door Group and is not shown on the topographic quadrangle.				
Structural Control or Geological Association: "Gold Road Volcanics, Rhyolite, Latite and Andesite." ² "Reassigned to Miocene Age." ³ Rhyolite and andesite of Patsy Mine volcanics. ⁴				
Age of Mineralization:				
Production History			Geochemical Analyses	
References				
<ol style="list-style-type: none"> 1) CETA map file, Rack #12B, claim and underground maps. 2) Wilson & Moore (1959) Geologic map. 3) Liggett & Childs (1974) 28 p. 4) Exploration Research Associates Incorporated (1981) Geologic Map of Santa Fe Pacific Railroad Company Mineral Holdings in Northwestern Arizona (scale 1:250,000) 				

Name of Mine or Prospect: Golden Door Group	Township 25N	Range 21W	Section 20d	Priority B
Principal Minerals: Gold, Silver	1:250,000 Quad Kingman		7.5' - 15' Quad Mt. Perkins	
Associated Minerals: Quartz, Calcite, Adularia	District Weaver		Principal Product Gold, Silver	
Type of Operation: Underground, Surface	County Mohave	State Ar.	Type of Deposit Vein	

Ownership or Controlling Interest:
Denys Poyner, Kingman, Ar. (1975) lease to Pacific Cypress Minerals Ltd. (1979)⁷

Access: From the intersection of U.S. 93 and Cottonwood Road proceed west on Cottonwood Road for 13 miles. Turn right and travel north on unimproved road for 2.5 miles to mine. Group is shown on topographic quadrangle.

Structural Control or Geological Association:

"The vein is 2 to 4 feet wide; the vein filling is quartz with some calcite. One ore shoot about 50 feet long was last worked."⁴

"The host rock in the mine area is an altered, silicified biotite andesite(?) with quartz filled veins. Mineralization may be related to silica-rich rhyolite dikes and sills which intrude to host rock. At least some of the mineralized vein systems are flat-lying and were suitable for open-pit mining."⁶

Age of Mineralization:

Production History	Geochemical Analyses
(1935) 25 ton per day mill (idle) (1974) "marginal to economic gold-silver mineralization throughout the property." ⁵	"The mill heads from this ore shoot ran about \$10.00 ton." ⁴ (1937) ⁵ Assay Averages 165 car samples 0.28 oz Au/ton 46 stope samples 0.23 oz Au/ton Winze samples 0.33 oz Au/ton (1974) ⁵ extensive drill and assay data; including reconnaissance geologic mapping.

References

- 1) ADMR file, Phoenix, Ar.
- 2) Mallach (1977) p. 56.
- 3) CETA map file Rack #12, underground, assay and claim maps.
- 4) Gardner (1936) p. 55.
- 5) Poyner (1979) personal communications.
- 6) Liggett & Crutchfield (1979) field reconnaissance.
- 7) Poyner (1979) private communique.
- 8) Exploration Research Associates Incorporated, 1981, Geologic Map of Santa Fe Pacific Railroad Company Mineral Holdings in Northwestern Arizona (scale 1:250,000)

TO: NYAL NI OUTH

FROM: GREG LEWICKI

PHONE

SUBJECT: LET ME KNOW IF YOU THINK COMBINED METALS
CAN CARRY OUT WHAT
THEY SAY HERE. THANKS(303) 629 9835

THE COMPANY: Combined Metals Reduction Company, organized in 1923, has long excelled as a mine operator and innovator of process technology. Present management acquired controlling interest in 1974 and refocused the Company's strategy on gold production. The Company's major gold properties are Mohave, a 150,000 Oz. (initially) gold mine in northwestern Arizona, and Gabbs Valley, a 36 square mile property located within the Walker Lane Trend in Mineral County, Nevada. This property contains a 400,000 Oz. gold discovery and 21 additional prospects identified by a number of years of mapping and geologic sampling, including extensive drilling.

Mohave is an open pit, heap leach gold mine that will begin production in the fourth quarter of 1995. All permitting has been completed, construction of the mine and recovery facilities are more than 95% complete with stockpiling of ore in progress. Mohave is projected to produce 150,000 Oz. of gold and \$30,000,000 of operating revenue at a cash cost of less than \$200 per ounce. There is additional potential in Mohave South. This business plan contains \$800,000 for exploration and development drilling in Mohave South.

Combined Metals' first major exploration success came in 1989, early in the drilling of its 36 square mile Gabbs Valley Property. This discovery provides an initial resource of approximately 400,000 ounces of gold, partially mineable by heap leach, bulk tonnage methods. Twenty-one additional exploration targets have been identified on the property. Production from this property is projected at the rate of 76,500 ounces per year in 1998, increasing to 260,000 ounces annually in 2000. FMC, Kennecott (RTZ), Santa Fe Pacific and Homestake (Corona) have major mines surrounding Combined Metals' Gabbs Valley Property. Knowledgeable industry professionals believe the Company has the potential for multiple large discoveries on this Property like those made by Newmont, American Barrick and others along the prolific Carlin Trend in northeastern Nevada. It is believed that this may be the most promising gold exploration prospect area in North America. There have been extensive joint venture negotiations with two major gold companies, Newmont and Kennecott. In one instance, it was proposed that sole risk expenditures of \$20,000,000 would earn a 50% interest in this land position.

Effective August 15, 1995, the Company's non-gold assets and liabilities are being disposed of on such terms as may be immediately obtained, including abandonment. Accordingly, this business plan focuses on Combined Metals' gold assets (Combined Metals Gold Company), which management intends to take public during the first half of 1996. All shares purchased subsequent to August 15, 1995, will not participate in any proceeds or securities generated by such disposal.

DEVELOPMENT AND PRODUCTION PROJECTS: The company is presently concentrating its production, development and exploration efforts on its Mohave and Gabbs Valley properties. Gold production from Mohave will begin in the fourth quarter of 1995, establishing it as one of the seventy-five largest North American producing gold mines based on reserves and annual production. Initially, Mohave is projected to produce 150,000 ounces in five years. In addition, there is potential to expand reserves to five pre-existing mine areas to the south (Mohave South). An allocation of \$800,000 is included for exploration and development drilling in Mohave South commencing in 1996. Third parties have estimated mine life production, including Mohave South, to be 250,000 ounces.

Gabbs Valley Venture (GVV) is a solely owned thirty-six square mile claim block located within the Walker Lane Trend in Mineral County, Nevada. This property contains a 400,000 Oz. gold discovery with high ore grades in excess of .08 Oz. per ton, and an additional 21 defined areas of gold mineralization. Other companies have established gold production on four sides of this claim block, with mines producing between 400,000 and 2.2 million ounces. Many experts consider this to be the most promising gold exploration prospect area in North America. An allocation of \$9,000,000 over five and one-half years for drilling is included in this business plan to delineate 4,400,000 recoverable ounces of gold from GVV-1, 2 and 3.

PROFORMA PROJECTION SUMMARY

for year ending	1996	1997	1998	1999	-- 2000
Net Operating Income * (\$000)	\$4,468	\$5,680	\$21,388	\$35,071	\$51,328
Net Production (Oz.)	22,342	28,401	106,941	175,358	256,640
Earnings (EBITDA) ** (\$000)	\$2,665	\$4,177	\$19,835	\$33,569	\$49,825

* Includes Exploration & Development Costs

** Earnings before interest, taxes, depreciation & amortization

CAPITAL REQUIREMENTS AND VALUATION: The projections in this business plan assume the private placement of 3,325,000 shares at an average of \$2.00 per share in the third and fourth quarters of 1995. Management intends to offer between three and four million additional shares in a public offering during the first half of 1996, at not less than \$4.00 per share. The Company's capital requirements for the development and expansion of Mohave and the development of Gabbs Valley 1, 2 and 3 are set forth in the Proforma section of this business plan.

The Company has little debt and carries a substantial portion of its assets at a zero book value. In 1994, two independent analysts valued the Company's Mohave and Gabbs Valley properties at \$19,000,000 and \$19,700,000 respectively. This was prior to the construction of the Mohave mine. Book value at December 31, 1994 (adjusted for the disposal of the Company's non-gold assets) was approximately \$8,000,000.

COMPANY MANAGEMENT: Combined Metals is led by Lawrence T. Atkinson, President and CEO, Fred J. Humphrey, Vice president of Exploration, Fred A. Merian, Vice President and CFO, Laura E. Skaer, Vice president and General Counsel, Wayne A. Goldman, Manager of Corporate Development and William Mayersohn, Treasurer. Mr. Atkinson has been president since 1977 and is responsible for focusing the company's growth strategy on gold production. Fred J. Humphrey joined Combined Metals in 1983, after 16 years at Exxon where he directed Exxon Minerals' U.S. exploration. Mr. Humphrey is one of the architects of the exploration models that have led to the dramatic expansion and low cost of U.S. gold production. Under Mr. Humphrey's direction Combined Metals has concentrated on acquiring mineral properties with the potential for at least 200,000 ounces of recoverable gold at a cost below \$200 per ounce. Mr. Merian, Ms. Skaer and Mr. Goldman joined the company in July, 1995. They have extensive experience and success in the management and financing of mineral companies, with a focus on efficient operations, the enhancement and acceleration of growth, and the maximization of shareholder value. Mr. Mayersohn joined the Company in early 1995, as Treasurer. He has extensive experience in precious metals marketing.

MANAGEMENT'S IMMEDIATE OBJECTIVES: Having completed the acquisition of its 36 square mile Gabbs Valley property in the Walker Lane of west central Nevada, and with the financing of its Mohave Mine in Northwestern Arizona concluded, the Company is now positioned to begin gold production, with projected operating income of \$4.5 million, \$5.7 million and \$21.4 million in years 1996, 1997 and 1998, respectively. The Company's current strategy is summarized below:

- Begin gold production from the Mohave Mine in the fourth quarter of 1995 at the initial rate of 15,500 ounces per year and a cash cost of \$200 per ounce. Construction of the Mohave Mine and recovery facilities is more than 95% complete, with stockpiling of ore in process.
- Establish a public market for the Company's securities at the earliest opportunity, now projected for the first half of 1996.
- Begin production from the first discovery on its Gabbs Valley property (GVV-1) during 1998.
- Continue exploration and development drilling on the Gabbs Valley property (GVV-2 and GVV-3) which is projected to produce an additional 3,500,000 ounces of gold.

The combination of the Company's extraordinary exploration potential, production, shareholder liquidity, and sustained earnings forms the basis for the projected shareholder earning potential and exceptional stock appreciation.

V. DEVELOPMENT AND PRODUCTION PROJECTS

Combined Metals is presently concentrating its exploration and development efforts on two mineral properties, to which a substantial portion of the Company's resources are committed. Production of gold from the Company's Mohave project will begin in the fourth quarter of 1995, and from a portion of the Company's properties in Mineral County, Nevada, referred to herein as the GVV-1, during 1997. Permitting, mine planning and process development have been completed for the Mohave mine; construction of mining and processing facilities is more than 95% complete and ore is currently being stockpiled. Development tasks have not yet begun at the GVV-1 and will require approximately one year to complete, once begun.

THE MOHAVE PROPERTY: All permitting required for construction and operation of the Mohave mine is in place. Reviews of the Company's geologic analysis of the Property's ore deposits, metallurgical analyses, mining plan and project cost projections have been conducted by third party experts and are available for examination. The Mohave leach pad and ponds have been constructed and lined, water wells are drilled and connected, the haul road is completed, the Klondyke pit has begun mining, and all major items of equipment are on hand. Stockpiling of mined ore has begun and crushing and pad loading will begin soon. Gold should be poured in the fourth quarter 1995.

Initially, the Mohave project will employ twenty-six people, and will mine and process approximately 425,000 tons of ore per year. However, the project's design capacity for processing mined ore exceeds the projected production rate by approximately fifty percent. The mining rate will be increased and the ratio of mined ore to waste will constantly vary to comport with geologic conditions. It is projected that approximately 25,000 ounces of gold per year will be recovered from the initial reserves. Management believes that these reserves will be enlarged sufficiently to increase the rate of production and extend the life of the mine. Mine construction is very nearly concluded and production will begin in the fourth quarter of 1995.

The Property is located on eight square miles of mineral claims in Mohave County, northwestern Arizona. A claim map depicting the four mine areas appears on page 13. The Property is comprised of two claim groups held by Mohave Mines, Ltd., an Arizona Limited Partnership. Combined Metals presently owns seventy-three percent of the partnership interests. The remaining ownership is divided among twelve individuals. After the minority partners receive distributions equal to approximately 3,400 ounces of gold, Combined Metals' share of distributions will increase to eighty-six percent. Mr. Atkinson, the president of Combined Metals, is the general partner of the partnership, although his equity interest in the partnership is assigned to Combined Metals.

In four of the nine pre-existing mine areas located within the Mohave claims (see map on the following page), geologic mapping, surface sampling, and over 300 drill holes have defined 850,000 tons of shallow ore with an average grade of 0.060 ounces of gold per ton with little stripping required for open pit mining. An additional 650,000 tons is expected to be mined from ore extensions to the existing mine areas. With the expenditure of approximately \$800,000, two to five million tons of additional ore may reasonably be projected from exploration over the next three years.

The geologic environment of this claim block and surrounding area is conducive to the presence of substantially greater resources than has been defined. The potential is excellent for discovering substantial new reserves contiguous with existing ore bodies and elsewhere within the boundaries of this property. There has not been sufficient drilling in the five other pre-existing mine areas on the Property (Mohave South) to project reserves at this time. Additional exploration, including deeper drilling in areas of the Property with defined near-surface mineralization, will commence in 1996. This business plan includes an allocation of \$800,000 for expansion of reserves into the Mohave South area.

Extensive metallurgical testing of the Mohave ores has been conducted over the past seven years, both by the Company and by independent labs. The test results and the Company's intended process parameters have also been reviewed by several independent consultants. The projections in this Business Plan reflect a conservative consensus among the Company's staff and third party reviewers respecting all significant process parameters, including cyanide consumption and rate/percentage of recovery.

To extract the gold, the ore will be crushed to five-eighths inch minus, deposited by conveyor on a 1,500,000 ton permanent leach pad at the rate of approximately 2,200 tons per day (22 days per month) and leached with dilute cyanide solution. The gold will be recovered from solution in electrolytic cells in an on-site facility. The recovered doré will be delivered to refineries for further refining and sale.

Mohave, Arizona

Recoverable Gold: 34,319
Drill holes: 300
Comments: 1994 Reserves. Another 650,000 tons of similar gold grade of drill-indicated resources. Approximately 29,514 recoverable ounces derived from this resource are included in the Company's cash flow projections (100% project basis).

Operations

Mining Method: Open Pit
Mining Rate: 425,000 TPY
Ore Tons: 830,964 ST
Waste Tons: 1,246,446 ST
Waste : Ore Ratio: 1.5
Processing Method: Heap Leach
Processing Rate: 1,500 TPD
Recovery Method: Electrolytic cells
Final Product: Dore
Employees: 26

Cash Costs: US\$ 206/Oz

Capital Costs: US\$ 2,525,000

Chronology

End 1982 Combined Metals acquires project under lease/option.
1989 Project receives permitting.
1992 Engineering and reserve model/mine plan completed.
October 1992 Purchase of option agreement.
1994 Permits reconfirmed.



KLONDYKE (F) MOHAVE CO.
GOLDEN DOOR (F) MOHAVE CO.

RON

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Governor Jane Dee Hull

Jacqueline E. Schafer, Director

December 7, 1999

REF#: EU99-0716

Combined Metals Reduction Co., a revoked Arizona Corporation

Attention: John C. Lacy

2525 E. Broadway #200

Tucson, AZ 85716

RE: Mohave Project - NOV Closure
Inventory #102083

Dear Mr. Lacy:

The purpose of this letter is to inform you that the Water Quality Enforcement Unit of the Arizona Department of Environmental Quality has closed the Notice of Violation (NOV) issued to the Mohave Project (Permit #G-0067-08) on November 19, 1999. Closure of the non-reporting NOV is in no way indicative of the overall compliance status of the facility. This closure is the result of meeting the requirements of the November 19, 1999, NOV by submitting the delinquent Self-Monitoring Report Forms.

The Water Quality Enforcement Unit would like to thank you for resolving the past non-reporting violation(s). Please continue to submit all future Self-Monitoring Report Forms in a timely manner as required by the referenced permit.

If you have any questions, please feel free to contact Lynn Ott (602) 207-4816, or 1-800-234-5677 ext.4816 within Arizona.

Sincerely,

M. Reza Azizi

M. Reza Azizi, Manager

Water Quality Enforcement Unit

cc: Facility Operator/Engineer: Larry Atkinson 1508 E. Gentry Way Reno, NV 89502-4406
Combined Metals Reductoin CO. % Ian Watson, President/CEO
17 Peninsula Rd. Belvedere, CA 94920

Mohave County Health & Social Services
ADEQ Northern Regional Office

bc:

ADEQ Reading File

ADEQ Facility File

Eric Wilson, Manager, WPS Mining Unit

State Mine Inspector 1700 E. Washington, Ste. 400 Phoenix, AZ 85007

Dept. of Mines & Mineral Resources, Nyal Niemuth

1502 W. Washington Phoenix, AZ 85007

AZ State Land Dept, Steve Hildreth 1616 W. Adams Phoenix, AZ 85007

Ralph Costa, BLM -Mining Engineer 222 N. Central Ave., Phoenix, AZ 85004-2203

MBL ZEOLITE GROUP

MOHAVE COUNTY

NJN WR 7/22/83: It was reported by a usually reliable source that the zeolite claims that Phelps Dodge acquired from Occidental are south of Oatman in the Black Mountains, Mohave County. The claims are MBL #1-21 and MBP #1-15, located in T18N R20W, Sec. 28, MOhave County. This is the MBL Zeolite Group file. *MLS 709*

NJN WR 8/12/88: While reviewing the MBL Zeolite Group (file) Mohave County on the BLM microfiche it was noted that Phelps Dodge's last assessment work was for 1986. No other parties currently hold claims in this area so it appears that the property is available.

GOLDEN DOOR

Do Not Reproduce

MOHAVE

George Fass reported an interview with Dennis Poynter who owns the Tyro group of claims in the Union Pass district in Mohave Co. He also owns the Golden Door mine in the Virginia (Mocking Bird) district. The mine has a half million tons of gold ore drilled out. VD WR 6/2/76

NJN WR 9/14/84: It was reported that a group called either ~~Centennial~~ or Consolidated Metals is active at the Golden Door Mine (f) Mohave County.

↑ ~~perhaps~~ COMBINED METALS REDUCTION (4) ↑

EXPLORATION RESEARCH ASSOCIAT. Incorporated

1701 Clinton Street
Suite 212
Los Angeles, California 90026
Telephone [213] 483-5127

25 February 1982

Santa Fe Pacific Railroad Company
4775 Indian School Road
P. O. Box 3588
Albuquerque, New Mexico 87190

*also include
EO of Amber Pass*

Attn: William H. Crutchfield, Jr.
Director of Exploration

Subject: Occidental zeolite claims, Golden Door and
McHeffy Butte areas; Black Mountains, Mohave
County, Arizona

At your request, we have examined the mining claim records of the U.S. Bureau of Land Management (as of July 18, 1981) for available information concerning lode claims staked by Occidental Minerals Corporation in the Black Mountains. Claims which we infer to be for zeolites are located in two different areas: One area is located south of the Golden Door mine, in the northern portion of the Spirit Mountain NE 7.5 minute quadrangle; and the other is located at McHeffy Butte, in the southeastern portion of the Boundary Cone 7.5 minute quadrangle.

A third group of claims, which we infer to be for precious metals, was staked by Occidental Minerals Corporation in Sections 13 and 14 of T19N-R20W, in the Mount Nutt 7.5 minute quadrangle. These 11 claims were filed in December of 1977, but no assessment work is recorded as having been performed on any of them.

Golden Door Area

Occidental Minerals Corporation has located 40 lode claims in the Golden Door area, of which 20 lie in Section 4, and 20 in Section 5 of T24N-R21W. Santa Fe Pacific Railroad Company holds the mineral rights to all of Section 5. The claims were located on December 15th and 16th, 1979, and assessment work is recorded as having been performed through 1980 for all of the claims on both sections. The name of the agent who staked the claims was Stan Pellow.

The terrane in the Golden Door area consists of a west-dipping sequence of rhyolite tuffs and ignimbrites, intruded by large bodies of rhyolite and quartz latite.

McHeffy Butte Area

Occidental Minerals Corporation has located 86 lode claims in

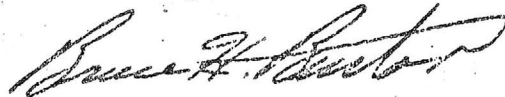
the McHeffy Butte area, of which 4 lie in Section 27, 32 lie in Section 28, 4 lie in Section 33, and 46 lie in Section 34 of T18N-R20W. Santa Fe Pacific Railroad Company holds the mineral rights to Section 33. The claims were located on December 10th, 11th, and 12th, 1979, and assessment work is recorded as having been performed through 1980 for all of the claims on each section.

The terrane in the McHeffy Butte area consists of andesite and rhyolite tuffs.

Enclosed are copies of two articles which briefly reference Occidental's zeolite interests. These articles appeared in the May 1981 issue of Mining Engineering and the 14 December 1981 issue of Business Week.

Please let me know if you have any questions.

Sincerely,



Bruce H. Burton
Geologist

Telephone: 303/643-5000 **Fax:** 303/643-5049
Contact: Donald P. Bellum, Senior Vice President Metals
Production: 1988: 4.4 million lb Cu
Mine: Mine consists of dump leaching operations and a precipitate plant.
Processing: Concentrator with 15,000 stpd capacity on standby; dump leach precipitation plant is operating.
Employees: 13
Personnel: George H. Veach, Super.
 Joey Matthews, Plant Super.

MINNEAPOLIS MINE & MILL

****** Au, Ag UG**
Location: 2 mi S of Oatman, Mohave County, AZ
Operator: Grubstake Mining Inc.
 P.O. Box 408, Oatman, AZ 86433
Telephone: 602/768-3133
Contact: John Augustin, Project Manager
Admin.: Grubstake Mining Inc.
 P.O. Box 2163, Flagstaff, AZ 86003
Telephone: 602/526-9464
Processing: Recovery by cyanide closed loop, resin.
Employees: 14

MISSION COMPLEX

****** Cu, Ag OP F**
Alt. Names: Includes Eisenhower, Mineral Hill, Mission, Pima and San Xavier Mines
Location: Sahuarita, Pima County, AZ
Operator: Asarco Inc.
 P.O. Box 111, Mission Complex, W. Pima Mine Road, Sahuarita, AZ 85629
Telephone: 602/791-2920 **Fax:** 602/648-0802
Contact: Tom Scartaccini, Manager SW Mining Department (602/792-3010)
Owners: Asarco Inc. (100%)
Admin.: Asarco Inc.
 180 Maiden Lane, New York, NY 10038
Telephone: 212/510-2000 **Fax:** 212/510-1951
Contact: Robert Kupsch, Vice President Mining
Reserves: 358,138,000 st @ 0.64% Cu, 0.13 oz Ag/st.
Production: 1988: 65,200 st Cu, 1,248,000 oz Ag; 1987: 58,600 st Cu, 810,000 oz Ag; 1986: 61,600 st Cu, 1,296,000 oz Ag.
Mine: Mining equipment: four 2100BLs with 15 cu. yard dippers, two 1900ALs with 9 cu. yard dippers, three P & H 2300XPA electric mining shovels with 30 cu. yard dippers.
Processing: Ores processed at Mission Mill. 87,000 stpa capacity increasing to 124,000 stpa of Cu concentrates through \$100 million expansion and reactivation/modernization of Pima mill and concentrator which will treat 19,000 stpd. The Pima mill was purchased from Cyprus Minerals. Ore milled 1988: 10,181,000 st, 86.7% Cu recovery; 1987: 9,926,000 st, 88.6% Cu recovery; 1986: 9,928,000 st, 89.5% Cu recovery.
Employees: 600
Personnel: Tom Scartaccini, Mgr. SW Mining Dept.
 John D. Low, Mgr. Mission Complex
 W. B. Manakee, Purch. Agent
 J. F. Coxon, Pers. Admin.
 S.L. Lakosky, Mine Super.
 R. B. Cummings, Geol.
 M. A. Melcher, Ch. Eng.
 H. E. Hughes, Mech. Super.

Howard W. Walker, Mill Super.
 John Reynolds, Ch. Metallurgist
 C. D. Lobley, Ch. Chem.
 Pat Maley, Env. Coord. (602/792-3010)
 J. B. Lichtenhan, Superintendent, Service
 D. J. Hoffman, Ch. Accountant
 P. J. Maley, Safety Admin.

MOHAVE PROJECT

**** Au OP HL**
Location: 12 mi N of the Portland Mine, Black Range Mountains, Mohave County, AZ
Operator: Combined Metals Reduction Company
 Route 264, Fish Lake Valley, via Tonopah, NV 89049
Telephone: 702/572-3331 **Fax:** 702/572-3341
Contact: Chris Harrison, Project Manager
Owners: Combined Metals Reduction Company (60%)
Admin.: Combined Metals Reduction Company
 19 W. 94th Street, New York, NY 10025
Telephone: 212/864-7177
Contact: Lawrence T. Atkinson, President
Start-up: May or June 1990 (projected)
Processing: Heap leach on site.
Employees: 25 (projected)
Personnel: Chris Harrison, Proj. Mgr.
 Jeremy Benezet, Env. Coord.
Comments: Group of claims covering 6-7 sections with various claimblock names.

MORENCI MINE

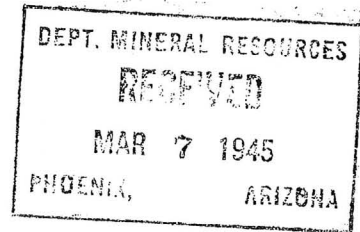
****** Cu, Mo OP SX-EW**
Location: At Morenci, Greenlee County, AZ
Operator: Phelps Dodge Morenci Inc.
 P.O. Box 187, Morenci, AZ 85540
Telephone: 602/865-4521 **Fax:** 602/865-4117
Contact: Jeffrey G. Clevenger, General Manager
Owners: Phelps Dodge Corporation (85%), Sumitomo Metal Mining Arizona, Inc. (15%)
Admin.: Phelps Dodge Corporation
 2600 N. Central Avenue, Phoenix, AZ 85004-3014
Telephone: 602/234-8100
Reserves: 684,823,520 st @ 0.76% Cu at year end 1988, including recoverable Cu from stockpiled leach material. The adjoining Western Copper and Northwest Extension deposits contain an estimated 225,882,350 st @ 0.70% Cu.
Production: 242,709 st Cu concentrates, 4,000 st Cu precipitates, and 50,235 st electrowon Cu. Mine expansion will increase production by 70,000,000 stpa.
Mine: Open pit oxide ore presently being mined, with mining of sulfide ore in 7 years. In-pit crushing and conveyor system installed during 1988 to reduce haulage costs; rail haulage being phased out. During 1988, 87,236,470 st ore and waste were mined, and 40,923,529 st ore were mined grading 0.83% Cu. Mine expansion planned to develop ore to the northwest of the present pit.
Processing: Produces some Cu precipitates, although the majority of production is of electrowon Cu produced by the SX-EW plant which began operating 9/87. An expansion of the plant to 100,000 stpa is scheduled to begin production in 1990. The plant is producing 50,000 stpa of electrowon Cu. By-product Ag, Au and Mo is produced. Morenci smelter with 650,000 stpa capacity and 2400 stpd acid plant closed 12/84.
Employees: 1572
Personnel: Jeffrey G. Clevenger, Gen. Mgr.



Prescott, Arizona

March 3, 1945

Mr. Chas. Dunning, Director,
Dept. of Mineral Resources,
Phoenix, Arizona.



Dear Charles;

I have been asked to look at the Golden Door Mine, belonging Kean St. Charles and located somewhere near Kingman.

Should you have anything in the files concerning this property, I would appreciate having such information as you may be able to give me. It might save me a trip.

Thanking you and with best personal regards,

Yours very truly

A handwritten signature in cursive script that reads "Mark Gemmill".

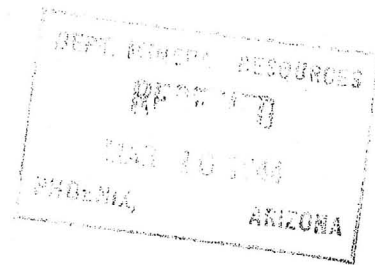
Mark Gemmill
423 Perry Str.
Prescott, Ariz.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

GOLD MINE SURVEY

Date March 7, 1944.

- 7192-771
1. Mine GOLDEN DOOR
 2. Mining District & County Weaver
In Mohave County
 3. Former name * RED GAP
 4. Location About 6 miles east of the
Colorado River; about 1 mile north
of Searchlight Ferry Road.
 5. Owner Golden Door Mines Company,
a corporation. ✓
 6. Address (Owner) Kingman, Arizona.
 7. Operator
 8. Address (Operator)
 9. President
 10. Gen. Mgr.
 11. Mine Supt.
 12. Mill Supt.
 13. Principal Metals Gold & Silver
 14. Men Employed
 15. Production Rate
 16. Mill: Type & Cap.
Amenable to cyanide process.
 17. Power: Amt. & Type See remarks
 18. Operations: Present None
 19. Operations Planned
 20. Number Claims, Title, etc. This property was staked and has been held by the
present owner for 30 years or more: Unpatented.
There are 15 claims in all.
 21. Description: Topography & Geography The claims cover an individual mountain,
accessible on all sides - very rugged:
The workings are close to the top of the
mountain except on the north side which is
undeveloped.
 22. Mine Workings: Amt. & Condition Most of the ore was extracted by open cut work:
The vein sinks on the west contact: Balance
is a flat vein varying in thickness from 2 to 3
feet to 18 feet and covers an area of many acres;
Has overburden of varying thickness:
Workings on the contact are shallow.



23. Geology & Mineralization

See U. S. Bulletin 397 F. C. Schrader;
On Page 215: Under head "Virginia District":

24. Ore: Positive & Probable, Ore Dumps, Tailings

Cannot be determined with present development.

24-A Vein Width, Length, Value, etc.

The smaller vein on the contract - about 4 feet thick, dipping westerly, runs about \$15.00 per ton - gold: The flat vein to the east covering at least 20 acres with a verticle width from 2 to 18 feet averaged approximately \$8.59 on about 20,000 tons milled: Government ruling stopped further production. The flat vein was mined by powder and bulldozer: Balance would probably be mined by pillar and room system.

25. Mine, Mill Equipment & Flow Sheet

No equipment on property: Two fair buildings to accomodate a crew of perhaps 12 workmen.

26. Road Conditions, Route

From Kingman the road is paved (Highway 93) to Pleasant Valley Station - about 32 miles: Balance 18 miles over good road, but steep grade for about 3 miles, making hauling east from the mine a problem: By reason of this the mill should be down towards the River.

27. Water Supply

A well on the property is piped to the buildings: Water for milling must be taken from the River.

28. Brief History

Outside of sampling and surface work, the only production record known was made some six months before gold mines were closed down by Government edict.

29. Special Problems, Reports Filed

30. Remarks

The production from this property should be connected with the Portland Mines production and at least one other large property in the near vicinity with perhaps a 6 miles haul from each towards the River: Roads are in except to The Portland: Power should be taken from the

31. If property for sale: Price, terms and address to negotiate.

power line at Searchlight across the River to secure low power rate.

Long term lease: See E. A. McVicar
Kingman, Arizona.

32. Signed

E. A. McVicar
Kingman, Ariz

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date March 7, 1944

GOLD MINE SURVEY

Mine	GOLDEN DOOR	Location	About 6 miles east of the Colorado River; about 1 mile north of Searchlight Ferry road.
District	Weaver, in Mohave County	Address	(Owner) Kingman, Arizona
Former name	RED GAP	Address	
Owner	Golden Door Mines Company, a corporation.	Gen. Mgr.	
Operator		Mill Supt.	
President		Men Employed	
Mine Supt.		Mill: Type & Cap.	Amenable to cyanide process.
Principal Metals	Gold and Silver		
Production Rate			
Power: Amt. & Type	See remarks		
Operations: Present	None		

Operations Planned

Number Claims, Title, etc. This property was staked and has been held by the present owner for 30 years or more. Unpatented. There are 15 claims in all.

Description: Topog. & Geog. The claims cover an individual mountain, accessible on all sides--very rugged. The workings are close to the top of the mountain except on the north side which is undeveloped.

Mine Workings: Amt. & Condition Most of the ore was extracted by open cut work. The vein sinks on the west contact. Balance is a flat vein varying in thickness from 2 to 3 feet to 18 feet and covers an area of many acres. Has overburden of varying thickness. Workings on the contact are shallow.

Geology & Mineralization

See U. S. Bulletin 397 - F. C. Schrader; on page 215; under head "Virginia District."

Ore: Positive & Probable, Ore Dumps, Tailings

Cannot be determined with present development.

VEIN WIDTH, LENGTH, VALUE, ETC.

The smaller vein on the contract--about 4 feet thick, dipping westerly, runs about \$15.00 per ton--gold. The flat vein to the east covering at least 20 acres with a verticle width from 2 to 18 feet averaged approx-

Mine, Mill Equipment & Flow Sheet

imately \$8.59 on about 20,000 tons milled. Government ruling stopped further production. The flat vein was mined by powder and bulldozer. Balance would probably be mined by pillar and room system.

No equipment on property. Two fair buildings to accomodate a crew of perhaps 12 workmen.

Road Conditions, Route

From Kingman the road is paved (Highway 93) to Pleasant Valley Station--about 32 miles. Balance 18 miles over good road, but steep grade for about 3 miles, making hauling east from the mine a problem. By reason of this, the mill should be down towards the river.

Water Supply

A well on the property is piped to the buildings. Water for milling must be taken from the river.

Brief History

Outside of sampling and surface work, the only production record known was made some six months before gold mines were closed down by Government edict.

Special Problems, Reports Filed

Remarks

The production from this property should be connected with the Portland Mines production and at least one other large property in the near vicinity with perhaps a 6 miles haul from each towards the River. Roads are in except to the Portland. Power should be taken from the power line at

If property for sale: Price, terms and address to negotiate.

Searchlight across the River to secure low power rate.

Long term lease. See E.A. McVicar
Kingman, Arizona

Signed.....(signed).....E.A. McVicar,.....

Kingman, Arizona

Use additional sheets if necessary.

NAME OF MINE: GOLDEN DOOR
OWNER: Kean St. Charles - Deceased

COUNTY: Mohave
DISTRICT: Weaver
METALS: Au

OPERATOR AND ADDRESS		MINE STATUS	
Date:		Date:	
4/45	Kean St. Charles, Kingman	4/45	Developing
8/45	R.M. Sanderson, Huntington Hotel, Pasadena, Calif.	11/45	Idle

GOLDEN DOOR
Au, Ag
Mohave 8 - 7 T 24 N, R22 W
Golden Door Mines Co., Kingman 144

Min Jour 6/41



Northern Miner 12/5/74

A smaller, solid grey rectangular redaction located below the handwritten note on the right side of the page.

February 16, 1948

Mr. James Prasil
2115 South Home Ave.
Berwyn, Illinois

Dear Mr. Prasil:

We have yours of February 13th and while we have not examined the Golden Door Mine we know that it has a good reputation.

It has always seemed to us that a mill located in that vicinity, but down near the river, could draw ore from several properties and thereby be more economical. We hope you can work out such a plan.

We would not be too confident of geophysics detecting gold in that formation. The amount of gold in even very good ore is very small and unless associated with much iron or metallic sulphide it is hard to see how present day geophysics could be very accurate.

We are sending you a copy of our last annual report which will answer some of the questions you bring up. Gold mining has been inactive because the price of gold is not in parity with costs. However the labor situation is improving.

Most of the increase in production of gold in 1947 was due to an increase in production of base metals of which it is a by-product. 1946 base metal production was low on account of strikes (as far as Arizona is concerned).

Yours very truly,

Chas. H. Dunning
Director

CHD:mh

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

GOLD MINE SURVEY

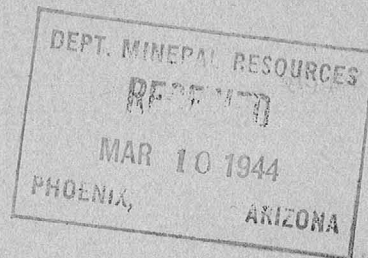
Date March 7, 1944.

M 88-77

1. Mine GOLDEN DOOR
2. Mining District & County Weaver
In Mohave County
3. Former name RED GAP
5. Owner Golden Door Mines Company,
a corporation.
7. Operator
9. President
11. Mine Supt.
13. Principal Metals Gold & Silver
15. Production Rate
17. Power: Amt. & Type See remarks
18. Operations: Present None

4. Location About 6 miles east of the
Colorado River; about 1 mile north
of Searchlight Ferry Road.
6. Address (Owner) Kingman, Arizona.
8. Address (Operator)
10. Gen. Mgr.
12. Mill Supt.
14. Men Employed
16. Mill: Type & Cap.
Amenable to cyanide process.

19. Operations Planned



20. Number Claims, Title, etc. This property was staked and has been held by the present owner for 30 years or more: Unpatented. There are 15 claims in all.

21. Description: Topography & Geography The claims cover an individual mountain, accessible on all sides - very rugged: The workings are close to the top of the mountain except on the north side which is undeveloped.

22. Mine Workings: Amt. & Condition Most of the ore was extracted by open cut work: The vein sinks on the west contact: Balance is a flat vein varying in thickness from 2 to 3 feet to 18 feet and covers an area of many acres; Has overburden of varying thickness: Workings on the contact are shallow.

23. Geology & Mineralization See U. S. Bulletin 397 F. C. Schrader;
On Page 215: Under head "Virginia District":
24. Ore: Positive & Probable, Ore Dumps, Tailings Cannot be determined with present development.
- 24-A Vein Width, Length, Value, etc. The smaller vein on the contract - about 4 feet thick, dipping westerly, runs about \$15.00 per ton - gold: The flat vein to the east covering at least 20 acres with a verticle width from 2 to 18 feet averaged approximately \$8.59 on about 20,000 tons milled: Government ruling stopped further production. The flat vein was mined by powder and bulldozer: Balance would probably be mined by pillar and room system.
25. Mine, Mill Equipment & Flow Sheet
26. Road Conditions, Route No equipment on property: Two fair buildings to accomodate a crew of perhaps 12 workmen. From Kingman the road is paved (Highway 93) to Pleasant Valley Station - about 32 miles: Balance 18 miles over good road, but steep grade for about 3 miles, making hauling east from the mine a problem: By reason of this the mill should be down towards the River.
27. Water Supply A well on the property is piped to the buildings: Water for milling must be taken from the River.
28. Brief History Outside of sampling and surface work, the only production record known was made some six months before gold mines were closed down by Government edict.
29. Special Problems, Reports Filed
30. Remarks The production from this property should be connected with the Portland Mines production and at least one other large property in the near vicinity with perhaps a 6 miles haul from each towards the River: Roads are in except to The Portland: Power should be taken from the power line at Searchlight across the River to secure low power rate.
31. If property for sale: Price, terms and address to negotiate. Long term lease: See E. A. McVicar Kingman, Arizona.

32. Signed.....

E. A. McVicar
Kingman, Ariz

33. Use additional sheets if necessary.

Nov 11th, 1933

Mr. T. E. Campbell,
Phoenix, Ariz.

Dear Mr. Campbell:

Complying with your request I will give you an outline of the opinions I formed of the Golden Door Mine in Mohave County, during my recent visit to same.

My inspection of the Golden Door was wholly of a preliminary nature. No samples were taken by me and no notes made of details. However much in regard to the value of the ore and the characteristics of the vein and formation are self evident. Furthermore I studied the very extensive report made by Mr. Ross Householder, Mining engineer, particularly observed how and where his samples were taken and have very great confidence in the results he obtained.

One fact however regarding Mr. Householder's report and results should be noted. I observed that more than an average number of the samples he took were in the poorer portions of the vein. Thus the true average of the territory he sampled would be somewhat higher than the numerical average of his samples.

The economic condition at the Golden Door property consists of a fissure vein carrying gold, from two to eight feet in width. The vein is broken over at the surface, lying very flat, but straightens up below the surface to a dip of about 70 degrees, which will probably be the normal dip. The vein occurs in Rhyolite and Andesite and is comparable to the formation of the best producing mines in that portion of Arizona and Nevada.

The property is being operated at present by leasers who are taking out ore from the flat portion of the vein. They are milling this ore with a small cyanide plant which they have erected and are extracting about \$40.00 to \$50.00 per ton (at \$20.00 gold). The scarcity of water only allows them a very small production.

I do not believe that such values could be maintained for any great tonnage but do believe that the chances are excellent for opening up a considerable tonnage well above pay grade.

T. E. C. #2.

As to a general scheme of development I would advise following the ore with shafts or winzes until more is determined regarding its strike and dip. After some depth is reached with prospect shafts and the value and characteristics of the vein determined, a production tunnel could be run, which would attain a depth of about 200 feet, and mining operations would be thus greatly facilitated.

During the preliminary operations a small portable outfit would be all that is necessary, and the water problem would be merely a matter of hauling water a few miles for camp purposes and drills. For a production basis it would probably be better to locate a mill at the Colorado River about six miles north and haul the ore that distance. Such a haul would not cost over \$.50 per ton.

I can advise the preliminary development of the property if a proper deal and terms can be obtained from the owners. In this regard I would not advise any payment on a purchase price until sufficient time had elapsed to permit the preliminary work outlined above.

Yours Very Truly,

March 7, 1945

Mr. Mark Gemmill
423 Perry Street
Prescott, Arizona

Dear Mark:

The only information we have in our files on the Golden Door Mine is a "Mine Owner's" report and we are sending you a copy of same. Too much confidence cannot always be placed in that type of report.

I have personally heard of the mine from time to time and it has been well spoken of.

I believe your trip would be worth while and if you get any information that is not confidential, we would appreciate having a copy for our files.

Yours sincerely,

Chas. H. Dunning
Director

CHD:LP
Enc.

Chicago

Feb. 12, 1948

Mr. Charles Dunning
Director, Dept of Mineral
Resources, Fairgrounds
Phoenix, Arizona

Dear Sir:

We are planning on leasing
the 15 claims of the Golden Door Group of the
Golden Door Mines Co. Inc. in the Heaver
District Mohave County, located about 40
miles south of Boulder Dam and about 6 miles
east of the Colorado River in the Black
Mountains Area. We are to start a geophysical
survey on the 20th of February, and after this
survey if proven satisfactory as to the quantity
of oil, the quality has been derived from a
previous report, then there may be possibilities of
us to take a lease. Privately also that a
mill could be purchased, nearly or what ever
way possible or convenient.

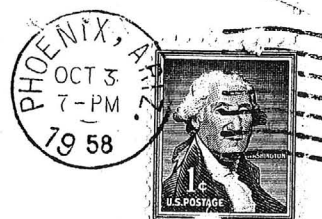
My purpose in writing is to ask of you
Mr. Dunning in furnishing whatever information
you have regarding the mineral resources,
activities, and the labor problems. Also would
like to know why the mining of gold is
rather inactive at the present time. Although
has shown a 33 1/3% increase in 1947 over 1946
and 119% over 1945
"At the present time we have a 3 month option
to lease this property!"
2115 So. Home Ave
Berwyn Illinois

yours truly
James Brasil
James Brasil &
associate,

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

October 3, 1958

DEPT. OF MINERAL RESOURCES
State of Arizona
Mineral Building, Fairgrounds
PHOENIX, ARIZONA



REASON CHECKED
Unclaimed
Unknown
Insufficient address
Moved. Left no address
No such wife in state
Do not remove from this envelope
POSTAGE PAID 2 CENTS



RECEIVED
OCT 7 1958
DEPT. MINERAL RESOURCES
PHOENIX, ARIZONA

Golden Door Mines Company
Kingman
Arizona

OUT OF BUSINESS

FRANK F. BRIGGS,
Director.

Enc: Mine Owner's Report



GOLDEN DOOR (A) MOHAVE

2

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Governor Jane Dee Hull

Jacqueline E. Schafer, Director

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

November 19, 1999

REF#: EU99-0661

Combined Metals Reduction Co., a revoked Arizona Corporation
Attention: John C. Lacy
2525 E. Broadway #200
Tucson, AZ 85716

RE: Mohave Project
Inventory #102083
T25N, R21W, Section 20, 21, 28, 29

NOTICE OF VIOLATION

The Arizona Department of Environmental Quality (ADEQ), Water Quality Division, Water Quality Enforcement Unit, has determined that Combined Metals Reduction Co., a revoked Arizona Corporation, of Tucson, AZ, is in violation of the Arizona Revised Statutes (A.R.S.), Title 49-101 et seq. and applicable rules.

I. FINDINGS OF FACT AND DESCRIPTION OF VIOLATION(S)

1. Combined Metals Reduction Co., a revoked Arizona Corporation, is the owner and/or operator of the Mohave Project, a discharging facility, operating pursuant to Groundwater Quality Protection Permit, G-0067-08.
2. The owner/operator of the Mohave Project has failed to submit monitoring data for the second (2nd) quarter of 1999, as required by the Groundwater Quality Protection Permit issued for the facility. The monitoring data for the second (2nd) quarter of 1999, was due to ADEQ by July 28, 1999. Failing to monitor or report as required by a Groundwater Quality Protection Permit is a violation of the permit and A.R.S. §49-261.A.

II. CITATIONS OF AUTHORITY

1. The Arizona Department of Environmental Quality (ADEQ) shall prevent and abate all water pollution. [A.R.S. §49-104.A.11.]
2. The ADEQ shall adopt, by rule, an aquifer protection permit program to control discharges of any pollutant or combination of pollutants which are reaching or may with reasonable probability reach an aquifer. [A.R.S. §49-203.A.4.(1986)]
3. The ADEQ shall prescribe in the aquifer protection permit the monitoring, record keeping and reporting requirements. [A.R.S. §49-243.F.(1986)]
4. If the director of ADEQ determines that a person is in violation of any condition of a Groundwater Quality Protection Permit, the director may issue an order requiring compliance within a reasonable timeframe. [A.A.C. R18-9-130 and A.R.S. §49-261.A.]

III. REQUIRED CORRECTIVE ACTIONS

Within ten days of receipt of this Notice

1. The owner/operator of the facility shall submit completed Self-Monitoring Report Forms as required by the Groundwater Quality Protection Permit for the second (2nd) quarter of 1999; or
2. The owner/operator of the facility shall submit a written explanation for failing to submit the Self-Monitoring Report Forms as required by the Groundwater Quality Protection Permit for the second (2nd) quarter of 1999.

IV. REQUIRED DOCUMENTATION

1. Adequate documentation of compliance shall consist of completed Self-Monitoring Report Forms as required by the Groundwater Quality Protection Permit for the second (2nd) quarter of 1999. Although ADEQ has previously provided the owner/operator with Self-Monitoring Report Forms for the facility, additional Self-Monitoring Report Forms can be obtained from the Water Quality Data Unit by contacting Julie Collins at (602) 207-4688 or within Arizona 1-800-234-5677 x4688.
2. All Self-Monitoring Report Forms and/or written explanations for failing to report, shall be sent to ADEQ at the following address:

Arizona Department of Environmental Quality
Attn: Lynn Ott

Water Quality Compliance Section
3033 N. Central Avenue, M0501B
Phoenix, AZ 85012

3. The above documentation shall be deemed "submitted" when received by ADEQ.
4. Any facility updates including owner/contact/operator name, address and phone number changes should be submitted as soon as the information is available.

V. STATEMENT OF CONSEQUENCES

Failing to adequately respond to this notice in a timely manner will result in an ADEQ referral to the Arizona Attorney General's Office for an escalated enforcement action. At ADEQ's request, the Arizona Attorney General shall file a civil complaint in superior court to recover substantial civil penalties up to twenty-five thousand dollars (\$25,000) per day per violation. [A.R.S. §49-262.C.]

Achieving compliance and/or providing an explanation for noncompliance does not preclude ADEQ from seeking civil penalties through the Attorney General for the above-cited violations.

VI. OFFER TO MEET

ADEQ personnel are willing to schedule a meeting to discuss the violations and corrective actions. Prior to the meeting, please submit the following: 1) an agenda that specifies the issues that you wish to discuss and 2) the names and affiliations of the participants that will be accompanying you.

If you would like to meet, or feel that this notice has been sent in error, please contact Lynn Ott at (602) 207-4816, or 1-800-234-5677 x 4816, within five days of receipt of this notice.

M. Reza Azizi

M. Reza Azizi, Manager,
Water Quality Enforcement Unit

cc: Facility Operator/Engineer: Larry Atkinson 1508 E. Gentry Way Reno, NV 89502-4406
Combined Metals Reduction Co. % Ian Watson, President/CEO
17 Peninsula Rd. Belvedere, CA 94920
Mohave County Health & Social Services
ADEQ Northern Regional Office Regional Office

Arizona Department of Mines and Mineral Resources
Verbal Information Summary

Mine: Golden Door, Klondyke, Dixie Queen
County: Mohave
Location: T25N, R21W, Sec. 20,21,29,28,33

Date: December 3, 1995
Engineer: Nyal Niemuth

Combined Metals Reduction reports that they have identified 44,000 to 50,000 ounces by close spaced drilling (40 feet centers) in three deposits Klondyke, Jim and Jerry, and the Golden Door. At an average grade of 0.06 opt this would be contained in about 750,000 tons. The gold mineralization occurs in the contact area of an andesite dike with a relatively flat fault. Higher grades of mineralization occur near base of the contact. Similar potential exists undrilled at the Dixie mine.

Permitting is reported as complete for the known resource. Earthwork for heaps and ponds have been completed. Liners were installed circa winter 1995-96. See photos of June 1996 in files and the site map attached to this report.