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04/15/87

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: BROOKLYN GROUP

ALTERNATE NAMES:

YAVAPAI COUNTY MILS NUMBER: 766

LOCATION: TOWNSHIP 9.5N RANGE 4 E SECTION 31 QUARTER E2
LATITUDE: N 34DEG 09MIN 34SEC LONGITUDE: W 111DEG 58MIN 55SEC
TOPO MAP NAME: BROOKLYN PEAK - 7.5 MIN

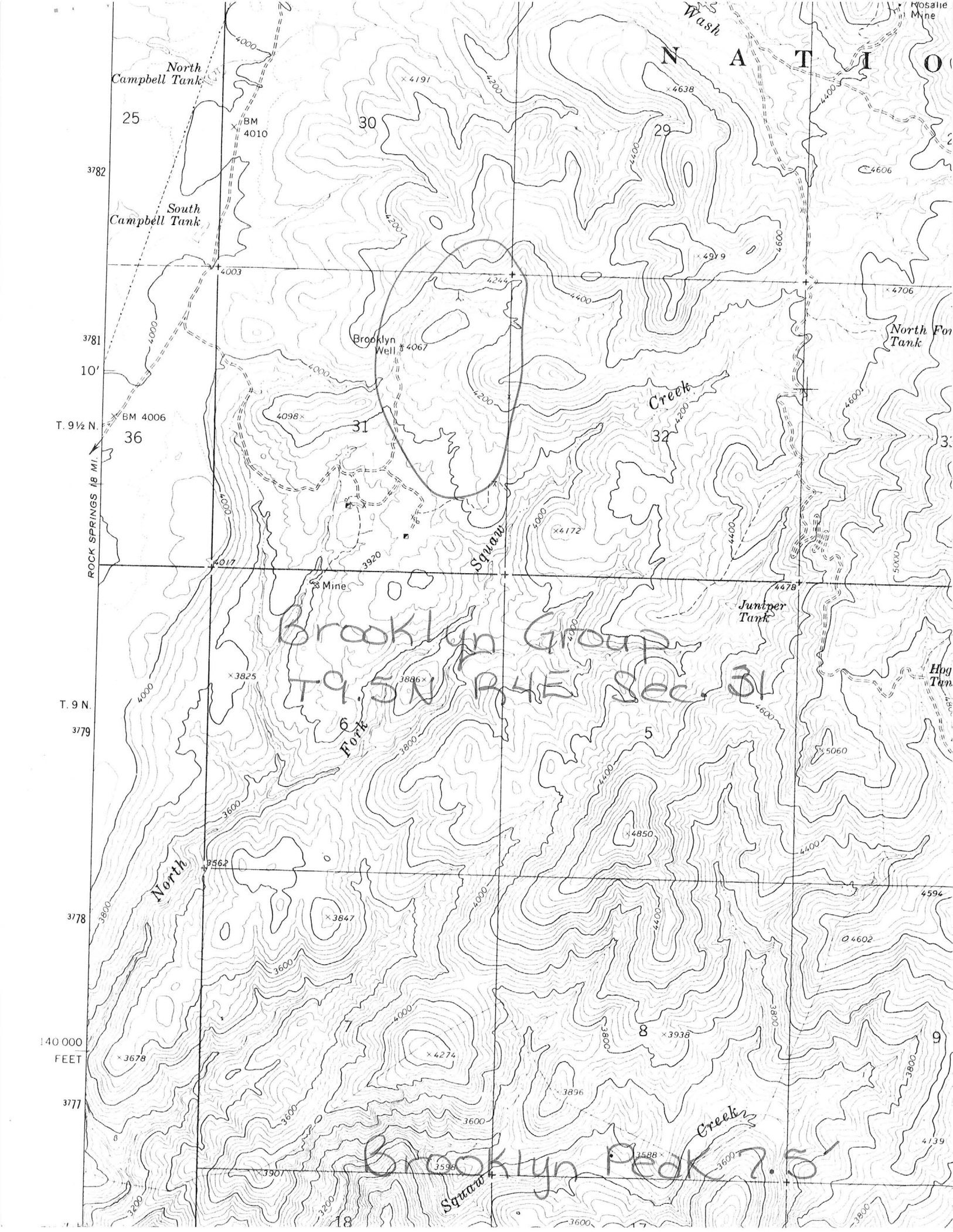
CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD
GOLD
SILVER

BIBLIOGRAPHY:

ADMMR BROOKLY MINE FILE
MINES HANDBOOK VOL 11 P 153, VOL 12 P 258,
VOL X P 476
AZ HWY DEPT YAVAPAI CTY HWY MAP P 11
ADMMR "U" FILE, CU 27
ADMMR WHITE MULE GOLD PROP. INC. FILE



North Campbell Tank

25

South Campbell Tank

30

N A T I O

3782

BM 4010

x 4191

x 4638

29

4606

3781

Brooklyn Well 4067

x 4979

4706

North Fork Tank

T. 9 1/2 N

36

BM 4006

4098 x

31

Creek

32

ROCK SPRINGS 1/8 MI.

4017

Squaw

x 4172

Mine

Juniper Tank

Brooklyn Group
T. 9.5 N R. 4 E Sec. 31

T. 9 N

3779

x 3825

3846 x

6 Fork

5

Hog Tank

3778

North

x 3847

3800

4850

4400

4594

140 000 FEET

3777

x 3678

x 4274

x 3938

4602

Brooklyn Peak 4274

Creek

Squaw

9

4139

3200

3200

3600

3800

3800

BROOKLYN MINE

YAVAPAI
MARICOPA COUNTY

Mr. Frank Randall also has a property in Bloody Basin known as the Brooklyn where he has previously mined about 250 tons of Cu, Ag, Au ore and will go there soon to rebuild the road so the ore can be hauled out. GW WR 7-17-70

Mr. Randall is now working his mine in Bloody Basin but is living at Bumble Bee. Randall shipped 30 tons of 10.5% Cu to the Magma smelter. Heinrichs drilled seven 150' - 200' holes with a dry rotary rig. GW WR 10-26-70

Mr. Randall's watchman stated that Mr. Randall was doing considerable prospecting at the old Brooklyn mine in Bloody Basin where 3 men are employed. GW WR 5-10-71

9.5M 4/E Dec 31 E2

BROOKLYN MINE

YAVAPAI COUNTY

GBG WR 11/2/68: Visited the BLM office checking on the Old Brooklyn Mine
T9N R3½E. This was surveyed for patent. However, patent was never granted.

FROM WHITE MULE PROSPECTUS 1983

to conduct a second phase of drilling to determine the extent and quality of any mineralization discovered. In the case of the White Mule property, the estimated cost and extent of the second phase, if any, cannot at present be determined and will depend to a large degree on the results obtained during the initial phase.

As stated above, some of the leasehold properties consist of unpatented lode mining claims, which are subject to the same title risks as described with respect to the White Mule property.

Brooklyn Mine

Location:

The Brooklyn Mine is located in Yavapai County, Arizona, 10 miles in a northeasterly direction from ~~Black~~ Canyon City, on an unnamed tributary of the North Fork of Squaw Creek, one mile above its continuance to the North Fork of Squaw Creek, and is situated in the Tonto National Forest in sections 29, 30, 31, and 32, Township 9½ North, Range 4 East, Gila and Salt River Base and Meridian. The property is in the Copper Country Mining District and is 6 miles northeast of the White Mule mine.

Ownership:

The Brooklyn Mine consists of 47 unpatented Federal lode claims located by Stan Pellow and Peter Inc. and subsequently assigned to the Company. The quit claim deed and the location notices are recorded with the County Recorder of Yavapai County in Prescott, Arizona, and with the United States Bureau of Land Management (U.S.B.L.M.) in Phoenix, Arizona. Assessment work is up to date.

Access to the Mines:

The above mentioned properties may be reached in 25 minutes by helicopter from the Deer Valley Airport in Phoenix, or by vehicle by following Interstate #17 north from Phoenix, a distance of 57 miles to the Bloody Run Road turnoff, thence 14 miles southward to the Brooklyn Mine Road, thence one mile eastward to the Brooklyn Mine.

Background and History:

It is apparent from the remains of the buildings that the mine at one time supported a population of from 50 to 100 persons. The boarding house (in early day Arizona also a hotel) serviced at least 25 persons, and the rock foundations indicate a sizable camp. One old map classified Brooklyn as a town. The mine was at one time connected to Black Canyon City by stage coach.

The little known facts are all attributed to a Frank Randall, at one time an Arizona Ranger, now deceased. A deep glory hole (now filled with water, but said to reach 175 feet), in addition to a dozen or more coyote holes of varying depths, all show copper stained rock. Sometime after the Brooklyn Co. abandoned the property, it was relocated by Frank Randall who held it for more than 20 years.

Property:

The main shaft, 8 feet by 8 feet, is at present filled to within 20 feet of the surface with water and the surface crosscuts have sloughed in. The tunnel was not located on the ground but is shown on the map as being on Lode Claim #18.

Utilities:

A hi-power line is located one mile west of the BM Lode Claim #1 and sufficient water has been developed in the main shaft, shown on the map as the Brooklyn Well, to indicate that sufficient water for a 50-100 ton pilot mill can be developed. There are also several springs, flowing year round, in the immediate vicinity that may also be utilized.

Rock Formations:

The Brooklyn Mine occurs within a geological structure known as the Bradshaw Granites, a complex formation of schist, gneiss and granites. The claims cover three domes or hills and wherever cut by any fracture (faults, veins, etc.) the rocks are heavily copper stained and if in quartz show copper iron sulfide, copper carbonate, and bornite.

Geologic studies and mapping will be performed prior to and during the initial phase of exploratory operations. The Company estimates that approximately two months will be required to perform such work and estimates that the cost of performing the initial phase of exploration will be approximately as follows:

Geologic mapping	\$10,000
Assaying	1,000
Provision for contingencies	<u>1,000</u>
Estimated total cost	\$12,000

If the results of the initial phase of exploration are encouraging, the Company intends to undertake a second phase of exploration in order to determine the quality and extent of mineralization on the property and, accordingly, whether a commercially minable deposit exists. It is anticipated that the second phase of the project would also involve some metallurgical work to determine the amenability to treatment and the milling characteristics of mineralization encountered. As in the case of the White Mule and Glory Anna properties, the estimated cost and extent of the second phase, if any, cannot at present be determined and will depend to a large degree on the results obtained during the initial phase.

As stated above, the leasehold properties consist of unpatented lode mining claims, which are subject to the same title risks as described with respect to the White Mule property.

ABANDONED PROPERTIES

All of the Company's properties consist of previously producing mines which have been abandoned. In all cases, the mines were abandoned due to the expense involved in further extracting minerals from the sites. There can be no assurance that the price of gold and silver will be high enough, assuming such metals are present, to enable the Company to operate at a profit.

GOVERNMENTAL REGULATION

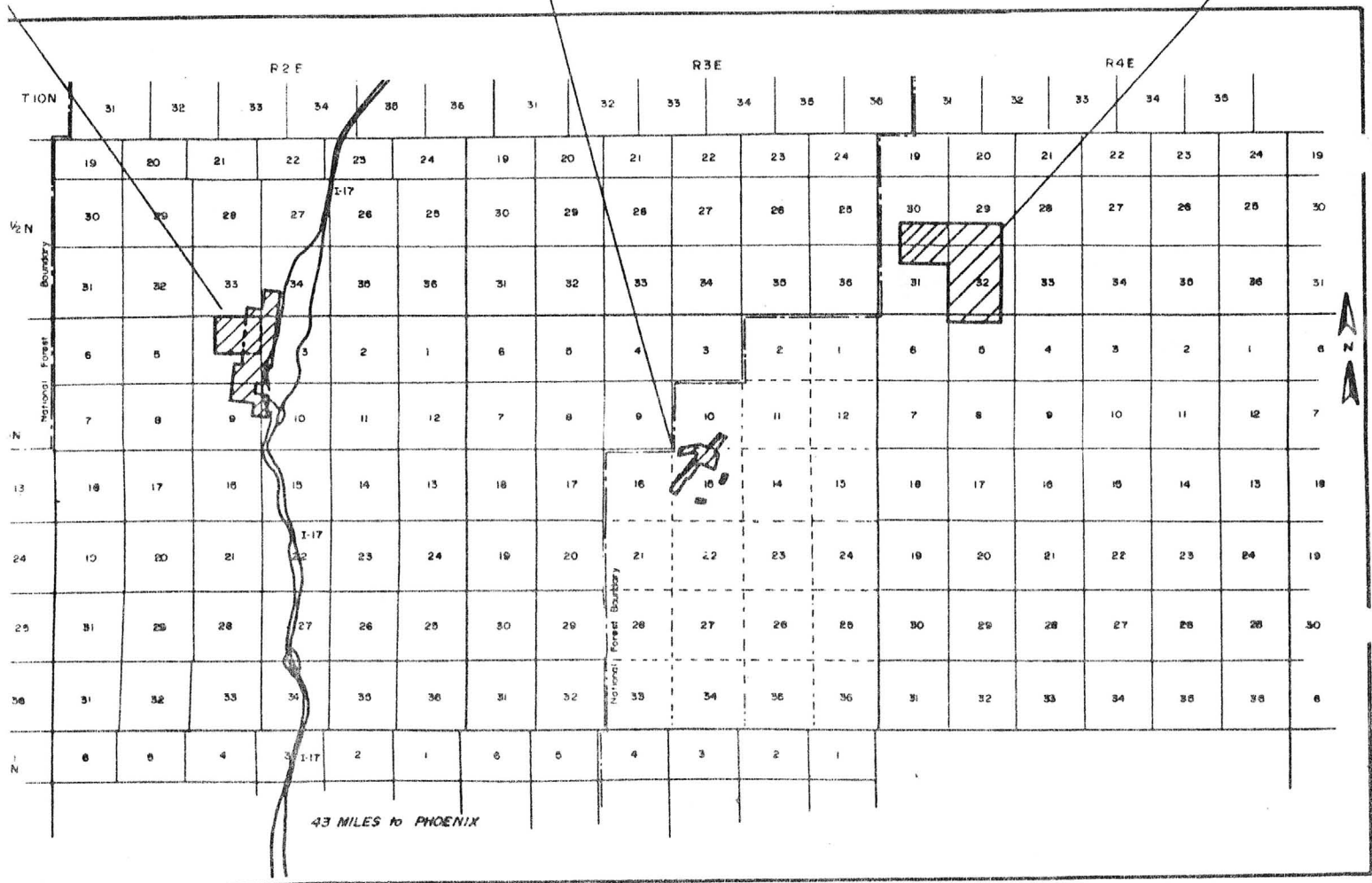
The exploration and production of gold and silver is generally subject to regulation by state regulatory authorities. In most states, the production of gold and silver is regulated by conservation laws and regulations. Compliance with state and federal statutory requirements respecting environmental quality, safety and recordation now existing or as amended in the future, may necessitate significant capital outlays and prevent or delay the commencement or continuance of given operations by the Company. These relate to exploration procedures, reclamation, safety precautions, employees' health and safety, explosives use, air quality standards, pollution of stream and fresh water sources, odor, noise, dust, and other environmental protection controls as well as the rights of adjoining property owners.

2400 East
3000 W

lory Anna Mine

White Mule Mine

Brooklyn Mine



engineer. Organized circa 1910, with capitalization \$225,000, shares \$1 par. Lands, 7 claims, about 5 miles west of Townsend, on the Radersburg road, showing strong outcrops, and developed by pits and shafts of 18' to 60', cutting a vein of 4' to 12' estimated width, carrying chalcocite assaying up to 60% copper and 6 oz. silver per ton.

BROMIDE COPPER CO.

NEW MEXICO.

Dead. Formerly at Tusas, Rio Arriba Co., N. M.

BROMIDE COPPER & GOLD MINING CO.

NEW MEXICO.

Dead. Lost lands circa 1904. Formerly at Tusas, Rio Arriba Co., N. M.

BROMIDE COPPER MINING CO.

NEW MEXICO.

Office: Bloomsburg, Pa. Mine office: Tusas, Rio Arriba Co., N. M. Lands, 42 claims, including the Pay Roll mine, opened to depth of 250', showing auriferous copper sulphides of good average tenor. Presumably idle.

COMPAÑIA ESPLOTADORA LOS BRONCES.

CHILE.

Mine office: Los Condes, Santiago, Chile. Has a long tunnel, driven in connection with Francisco de P. Perez. Ore is shipped to the Maitenes smelter for reduction. Production, 1903, was circa 400,000 pounds fine copper.

SOCIEDAD MINERA DE LOS BRONCES.

CHILE.

Office and mine: La Serena, Coquimbo, Chile. Organized Apr. 12, 1902, under laws of Chile, with capitalization 60,000 pesos, shares 250 pesos par. Mine is about 14 kilometers from La Compañía, with ore carriage charges of 3 pesos per metric ton, and is opened to depth of 630 meters, on dip of vein, equal to 550 meters vertical depth, and for length of about 550 meters.

BRONZE MONARCH MINING CO., LTD.

WASHINGTON.

Dead. Was merged in Mount St. Helens Consolidated Mining Co. Mine, near the Sweden group, on Mount St. Helens, had a 300' tunnel, and produced about 1,000 tons of auriferous and argentiferous copper sulphides. Formerly at St. Helens, Skamania Co., Wash.

BROOKLYN-ARIZONA MINING CO.

ARIZONA.

Office: 75 State St., Boston, Mass. Mine office: Mayer, Yavapai Co., Ariz. Frederick E. Small, president and general manager; Jas. A. Gerry, first vice-president; Irving G. Miller, second vice-president; Benj. G. Tuttle, third vice-president; Percy B. Spofford, secretary; A. Calvin Cruchet, treasurer; Frank H. Knight, superintendent; John Crosby, foreman. Organized March 22, 1907, under laws of Maine, with capitalization \$2,000,000, shares \$10 par, nonassessable; fully issued. Was promoted by the American Securities Co. of which Mr. Small is also treasurer. Company reports having no indebtedness. Annual meeting, first Wednesday in April.

Lands, 82 claims, area circa 1,600 acres, including the Brooklyn group, of 14 claims, in the Squaw Creek district, about 20 miles southeast of Mayer. Property carries auriferous and argentiferous copper sulphides, apparently with gold values predominating.

The official statements of the company claim a 15' outcrop averaging 15% copper, \$4.20 silver and \$10 gold per ton, which is not believed. Company also claims to have 24 large quartz veins carrying heavy values in copper, gold and silver, with 11 under development, and Mr. Small is authority for the statement that massive dykes and veins converge and run into the Brooklyn-Arizona mine from every point of the compass, which reminds the reader of Heinze's celebrated "umbrella" apex theory, in Butte. Mr. Small also states that every indication points to the fact that underlying the Brooklyn-Arizona mine is one vast ore body, anywhere between 1,500' and 2,500' in width, Mr. Small presumably being gifted with second-sight to have determined this "fact." In a prospectus, of November, 1908, Mr. Small claimed that the shaft, then 225' deep, was bottomed in ore averaging 9.5% copper, 15 oz. silver and 2 oz. gold per ton. The company's prospectus contains a considerable number of misstatements of fact, signed by Frederick E. Small, M. E. The company's prospectus, of date

Nov. 5, 1908, states that some of the leading mining engineers and experts of this country and Europe had visited the property, and each and every one joined in a general statement that the Brooklyn-Arizona would prove to be the richest and greatest gold and copper producer of the world. It would be interesting to learn the names of some of these great experts, who joined in this remarkable statement, and verify this statement, if possible, direct from them.

The 3-compartment Jasper shaft was reported by the company, April 1, 1910, to be over 400' deep, opening a 26' body of high grade ore, and a report to the stockholders, by Mr. Small, on that date, stated that the Jasper shaft would be 1,000' deep by Oct. 1, 1910, but it was reported by the company to be 700' deep, on Dec. 14, 1910. The Oak claim is said to have a 100' shaft with two 100' crosscuts, and an 85' shaft with 2 crosscuts, said to show good ore values. The Ella group is said to have a 40' shaft. The Trinity group is said to have some work showing an ore body. Company reports workings, Dec. 14, 1910, to include shafts of 700', 125', 150', 100', 85', 50', 40', 35', 30' and 25', with tunnels of 1,500', 300', 300', 450', 350' and 100', estimated to show 1,600,000 tons of ore, averaging 9% copper, 40 oz. silver and \$15 gold per ton. These figures are entirely too good to be true.

A prospectus by the company explains the geology and ore situation in such remarkably lucid, not to say lambent, language, that the following excerpts are extracted from the company's prospectus, with due acknowledgment: "The Squaw Creek mining district is of volcanic formation, belonging to the Tercerean geological age. * * * The copper ores bearing gold have been precipitated by static pressure from below into heavy ore veins. * * * Where the basalt has been scoured away by erosion shows the formation of the crystalline rocks, etc. * * * Numerous dykes of trachyte and diarite traverse this formation diagonally. * * * In them various forms of copper ore exist, appearing at and above the surface from 3' to 20'. * * * The ore in the numerous veins in the Brooklyn-Arizona mine consists of silicates and lime dyarites, carrying copper in oxides, native chrysacolla, malachite, azurite, chalcopyrite, redruthite and sulphide." It is obvious from the company's own statements that the Brooklyn-Arizona is a very remarkable mine, geologically and mineralogically. The opportunity of inspecting veins projecting 3' to 20' above surface is one that any conscientious geologist would greatly appreciate, and precipitation upward would be considered remarkable, were it not accounted for by static pressure. It should be borne in mind, however, that unusual geological conditions necessarily would pertain to anything connected with the Tercerean geological age. "Native chrysacolla" also is of great interest, occurring in this mine only, and if the property has large quantities of redruthite, which is a varietal form of chalcocite, the deposit will be valuable, as dealers in mineralogical specimens charge high prices for small crystals of this mineral.

Equipment includes boilers of 278-h. p., a 100-h. p. double-drum hoist, good for 1,000', a 25-h. p. single drum hoist, a 15-drill Sullivan air-compressor, and an electric light plant, reported by the company to be housed in a 50x150' power-house. Buildings include also a 20x36' smithy, office, store, cookhouse, 6 bunkhouses and 12 dwellings. Mr. Small reported to stockholders, April 1, 1910, that it was expected that the Prescott & Eastern railway would be built to the camp before the end of the year, but this was not done, also that it was to have a 500-ton matting furnace in operation during 1910, but latter failed to materialize. On this same date Mr. Small stated to his shareholders that he knew, as matters stood, every stockholder could feel that every share of stock in the Brooklyn-Arizona was equal to any gold bond ever issued by any corporation. Verbum sap.

BROOKLYN BRIDGE MINING & MILLING CO.

MONTANA.

Dead. Formerly at Clancey, Jefferson Co., Mont. Described Vol. VIII.

is now treating about 1,400 tons daily. 350 men employed in Greenwood mine and smelter.

Year	Production:			Year	Production:		
	Gold oz.	Silver oz.	Fine Copper lbs.		Gold oz.	Silver oz.	Fine Copper lbs.
1905....	26,226	95,410	5,601,309	1911....	31,144	134,266	9,944,987
1906....	20,238	82,193	5,820,651	1912....	25,863	142,025	11,146,811
1907....	24,967	101,114	8,643,133	1913....	26,640	137,052	8,296,902
1908....	13,597	58,204	5,567,355	1914*... 14,442	63,501	4,116,190	
1909....	18,244	64,234	6,325,000	1915....	5,417	23,002	1,734,385
1910....	24,962	84,180	7,143,456				

*Jan. 1, to Aug. 23.

The company cannot earn much money from its Mother Lode mine unless copper sells at about 15 cts. a lb., but its Copper Mountain properties will, when developed and equipped, have a production that should restore the company to the rank of dividend payers.

BRITISH COLUMBIA PHOENIX CO., LTD. BRITISH COLUMBIA

Secretary and office: H. W. Batty, 146 Bishopsgate, London, E. C., England. Geo. S. Waterlow, chairman, and L. C. F. Robson, directors. Company is a reorganization, July, 1914, of the British Columbia Phoenix Syn., Ltd. **Cap.**, £5,000 in 20,000 shares of 5s each; 6,205 shares issued and fully paid. Shareholders in the B. C. Phoenix Synd. Ltd., received 1 share of 5s fully paid in the new company for 10 shares, 1s each, of the old company.

Properties and interests taken over from the liquidator of the B. C. Phoenix Syn., Ltd., include an interest in the New Velvet-Portland Mine, Ltd., consisting of a mortgage debenture, loans to the receiver and accrued interest, an unsecured debt and also the equity of redemption. The mine was leased for one year from July, 1915. Other properties and interests include mining claims in British Columbia, real estate in Rossland and sundry shareholdings and other interests.

BROADWATER COUNTY MINING CO. MONTANA

Idle. Officers: J. J. Fisher, pres., Harlowton, Mont.; Len Jobb, sec.; John A. Matthews, treas. **Inc.** 1910. **Cap.**, \$225,000; shares \$1 par. **Property:** 7 claims, includes the Evening Star, Copper Gance and Lombard, about 5 miles west of Townsend, on the Radersburg road. Claims show good outcrops and development is said to disclose veins 4 to 12' wide, with chalcocite assaying up to 60% copper, 6 oz. silver with gold and lead values. Management plans having property prospected and reported on with a view to resumption of operations in near future.

BROOKLYN ARIZONA MINING CO. ARIZONA

Address: c/o J. B. Hill, sec. Andover, Mass. Mine near Mayer, Yavapai Co., Ariz. **Benj. B. Tuttle, v. p.;** Jas. S. May, treas. **Inc.** March, 1907, in Me. **Cap.**, \$2,500,000; shares \$10 par; nonassessable; fully issued. Bonds authorized \$500,000; about \$75,000 outstanding. Was promoted by the American Securities Co. Annual meeting, first Wednesday in April.

Property: 82 claims, about 1,600 acres, including the Brooklyn group of 14 claims, in the Squaw Creek district, about 20 miles S. E. of Mayer, carries auriferous and argentiferous copper sulphides. **Development:** by 750' main shaft and 2,500' tunnel. **Equipment:** includes compressor, double-drum hoist, 3,000' cable and Partridge smelter. Former mismanagement fully described in Vols. X and XI. Company reported in new hands, 1915, and operations likely to be resumed.

BROOKLYN MINING CO. CALIFORNIA

Mine at Dale, San Bernardino Co., Cal. **Development:** by 800' shaft,

at which depth a rich f... power and a 3-stamp r... \$190,000, who were dev... **BROOKLYN MINING** Idle. E. S. Shields near Contact, Elko Co. **Inc.** 1898, in Montana. Has no debts.

Property: 7 claims occurring on the conta is about 18' wide, run is said to contain 8% c

Development: by oped 2,000 tons of o Equipped with 25-h. p. from railway.

BROWN BEAR MINING CO. MONTANA

Address: Reddin Thos. McDonald, pres. land, 200 patented, an mine, on north side o and worked ever since and as a whole has l rangle and the most a production of \$7,000

Geology: there : Chance 200' south of slate formation, but a parallel, and strike N. the Last Chance dips commonly about 6", shoots are several hu pitch at a flat angle walls, so it is rare th cial gangue mineral senopyrite. Pyrite l where galena and sp \$100 per ton, but the

Development: 7 the lowest being 1.0 underground working tables and water pov ditch.

At present the co ing the mine.

See Mines & Mi p. 141; and U. S. G.

BROWN MOUNTAIN MINING CO. MONTANA

T. B. Crawford, office: Ouray, Oura York, v. p.; A. E. Ac shares \$1 par; issues

Property: the 432 acres mineral la The Guadalupe mine

BRI H MINING CO.**WASHINGTON**

Office: care R. M. Richards, Inc., 509 Bankers' Trust Bldg., Tacoma, Wash. Main office in England, but address unknown. Incorporated in Washington. Acquired the properties of the Puget Sound, Chelan & Spokane Railway Co., including the Skagit Queen Consolidated Mining Co. and the Thunder Creek Transportation & Smelting Co. Company is securing patent on 40 claims, comprising the Skagit Queen group. No development work at present, owing to difficulties of transportation. No securities for sale. Mining claims show 2 parallel veins, carrying bornite and other copper and lead minerals.

BROADWATER COUNTY MINING CO.**MONTANA**

Probably dead. Letters to Townsend, Broadwater Co., Mont., unanswered. J. J. Fisher, pres.; Jas. Marks, vice-pres.; Len Jobb, sec.; John A. Matthews, treas.; preceding officers and Albert Fisher, directors, at last accounts. Organized 1910, capitalization \$225,000, shares \$1 par. Lands, 7 claims, about 5 miles west of Townsend, on the Radersburg road, showing good outcrops and developed by pits and shafts of 18 to 60', cutting a vein of 4 to 12' estimated width, carrying chalcocite assaying up to 60% copper and 6 oz. silver per ton.

BROMIDE COPPER MINING CO.**NEW MEXICO**

Idle. Office: Bloomsburg, Pa. Mine office: Tusas, Rio Arriba Co., N. M. Lands, 42 claims, including the Pay Roll mine, opened to depth of 250', showing auriferous copper sulphides of good average tenor.

BRONZE MONARCH MINING CO., LTD.**WASHINGTON**

Merged in Mount St. Helens Consolidated Mining Co. Described Vol. X.

BROOKLYN ARIZONA MINING CO.**ARIZONA**

Office: 75 State St., Boston, Mass. Mine near Mayer, Yavapai Co., Ariz. Jas. A. Gerry, pres.; I. G. Miller, vice-pres.; Benj. G. Tuttle, vice-pres.; Percy B. Spofford, sec.; F. H. Knight, supt. Organized March, 1907, under laws of Maine, capitalization \$2,000,000, shares \$10 par, nonassessable; fully issued. Was promoted by the American Securities Co. Annual meeting, first Wednesday in April. F. E. Small and A. Calvin Cruchet, former president and treasurer, respectively, of the company, were indicted in Boston, May, 1913, by the Federal Grand Jury for using the mails to defraud, and both were arrested shortly afterward. F. E. Small has been general manager for several years, but an investigation in April by eastern stockholders resulted in a suspension of operations and indictment on 15 counts for promoting a fraud.

Property, 82 claims, about 1,600 acres, including the Brooklyn group of 14 claims, in the Squaw Creek district, about 20 miles southeast of Mayer.

Property carries auriferous and argentiferous copper sulphides. Very fully described and suspicious character pointed out Vol. X. Property shut down.

BROOKLYN MINING CO.**CALIFORNIA**

Idle. Mine office: Dale, San Bernardino Co., Cal. H. H. Ames, supt., at last accounts. Ores carry gold and copper. Has gasoline power and a 3-stamp mill. Closed down several years and apparently moribund.

BROOKLYN MINING CO.**NEVADA**

E. S. Shields, sec.-treas.; 19 W. Granite St., Butte, Mont. Mine P. O.: Contact, Elko Co., Nev. S. V. Kemper, pres.; T. M. Hodgens, vice-pres. Organized in Minnesota 1898, capitalization \$500,000, shares \$1 par; 213,000 shares issued. Assessment of one-half cent per share due Jan. 13, 1912. Has no debts.

Property, 7 claims, 75 acres in the Contact district, with ore deposits occurring on the contact between limestone and porphyry. This ore belt is about 18' wide, runs east-west for several thousand feet, dips at 75° and is said to contain 8% copper, with about 2 oz. of silver and \$1 gold per ton.

Development is by 196' shaft with 600' of workings, developing 2,000 tons of ore. Property idle, waiting the advent of railway. Equipped with 25-h. p. boiler, 15-h. p. gasoline engine and hoist. Is 40 miles from railway.

BROOKS CONSOLIDATED COPPER CO.**MEXICO**

Succeeded, 1909, by Cerrito Mining Co. Described Vol. VIII.

BROWN-ALASKA COPPER CO.**ALASKA**

Address: 817 Alaska Bldg., Seattle, Wash. Formerly owned Mamie mine at Hadley, Prince of Wales island, Alaska. In liquidation. See Vol. X.

BROWN MOUNTAIN SMELTING CO.**COLORADO**

Office: Denver, Colo. Mine office: Ouray, Ouray Co., Colo. W. E. Kreamer, pres.; P. J. York, vice-pres.; T. B. Crawford, sec.-treas.; G. S. Love, supt.; A. E. Ackerson, mine supt. Organized 1911, under laws of Colorado, capitalization \$300,000, shares \$1 par; issued, 280,000.

Property, the Hill, or Ouray smelter and the Guadalupe mine with 432 acres mineral land and 25-acre mill site in the Red Mountain district. The Guadalupe mine is reported to show an 18' vein of copper ore averaging 3% copper, 5 oz. silver and \$5 gold per ton in sulphide ore. Development aggregates 3,000', including a 2,000' tunnel and a 500' crosscut blocking out 50,000 tons of ore. Equipment at mine 350-h. p. water power.

Smelter, 250 ton capacity, is 6 miles from Ouray, has 2 blast furnaces of the Loder type turning out 40% matte, shipped to the Garfield smelter for further treatment.

Company reported to have closed contracts with Wanakah Mining Co. and the Rico Wellington and Rico Consolidated for 25 tons of ore

The Copper Handbook VOL. XI 1912-1913