Mining District File Summary Sheet

DISTRICT	Eastside
DIST_NO	1670 6000 0346
COUNTY If different from written on document	Mineral
TITLE If not obvious	Hughes Tool Co; Claims Offered for sale to Hughes Tool; Tonopah area claims — Copper King Mine
AUTHOR	L. Bunker; Eh Stephenson; C. Joseph
DATE OF DOC(S)	1951, 1970
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Basalt 7½'
P_M_C_NAME (mine, claim & company names)	Hughes Tool Co.; Copper King Mine; East Side Copper Original Mining Claim; Copper King Nos 1-2; Copper King No. 6; Copper Queen Nos 1-7; Copper King Nos. 8-9; Copper King No 12; Eastside Copper; Eastside Copper No. 1
COMMODITY If not obvious	Gold, silver, copper
NOTES	property report; geology; assays; correspondence; German Springs District

Keep docs at about 250 pages if no oversized maps attached
(for every 1 oversized page (>11x17) with text reduce
the amount of pages by ~25)

SS: DD 1/29/08
Initials Date

DB:
Initials Date

SCANNED: T.M. 3/6/09
Initials Date

Revised: 1/22/08

CLAIMS FOR SALE --TONOPAH AREA
HIMES AND JOSEPH

6006 634L

1670

HUGHES TOOL CO. 86
CLAIMS OFFERED FOR SALE TO HUGHES TOOL
TONOPAH AREA CLAIMS

The UTILITY Line No. 55-212

INTER-OFFICE CORRESPONDENCE

To Mr. A. J. Anderson Office

From L. Bunker Office

March 10, 1970

Subject 14 Unpatented Claims For Sale

Owner: Mr. Charles Joseph
P.O. Box 854
Tonopah, Nevada

Location:

7 miles North of Basalt, Nevada. (See map attached.) In the Basalt Mining District, Mineral County, Nevada. This district has produced small amounts of gold, silver, mercury, lead and tungsten. This area is 27 miles from Mina.

H. T. C. has 71 claims in the Gold Range Mining District and 62 claims in the Garfield Mining District. These districts are also located near Mina, Nevada.

History:

This group of 14 unpatented claims has had considerable bulldozer trinching work done which has exposed some ore bodies with values in copper and silver as shown on the attached assay sheet. There has been some drifting and raising. The attached geological reports by William L. de Carbonel and Sandy Sanderson indicate that this property is worthy of drilling and may have a possibility of an open pit operation.

Report:

It may be possible to secure this property under liberal terms for exploration and eventual purchase if it proves worthy. A report from geologist E. L. Stephenson would be helpful to evaluate the possibilities and worth of this prospect.

Respectfully,

L. Bunker

L. Bunker

April 3, 1970
Mr. E. L. Stephenson, H.T.C. Consulting Geologist, read the attached reports and being familiar with the area reported that it would not be wise to invest in this property at the present time.

Respectfully,

L. Bunker

INTER-OFFICE CORRESPONDENCE

To Mr. A. J. Anderson From L. Bunker Office

Office March 10, 19 70

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L. Bunker

04-

COPPER-KING-MINE

MINERAL COUNTY

STATE OF NEVADA

Copper King Mine

PROPERTY

Consists of twelve unpatented lode mining claims, namely the East Side Copper Original Mining Claim, the East Side Copper No. 1, and the Copper King Claims, and Queens Nos. 1 to [redacted] incl, comprising an area exceeding 300 acres.

claims

LOCATION, ROADS, RAILROAD and TOWNS

The property is located in the German Springs Mining District, Mineral County, Nevada, about 7½ miles northerly from Basalt, the distance from Basalt to Bishop is 59 mis. the same distance as from Basalt to Tonopah, Nevada. The nearest railroad is at Mina, Mineral County Nevada, a branch of the Southern Pacific Railroad.
The distance from the mine to Mina is approximately [redacted] miles, [redacted]

-27-

CLIMATE

Elevation of mine workings are approximately 6,300 ft. above sea level. The climate of the mine is that of the intermediate altitudes of Central Nevada. The mine being located on the southern slopes of the mountain the winters are characterised by moderate temperatures, and as a rule with only a few light falls of snow. In summer the days are moderately hot but the nights are comfortably cool, the rainfall is very light.

WATER

There is no water at the mine; however, it can be anticipated that a shaft sunk to the four or five hundred ft. level should develop water sufficient for all mine and limited mill operations.
Water for domestic use and for all mining operations can be obtained at German Springs, five miles distant or at Basalt at the water tank owned by the State of Nevada Highway Maintenance Station.
Water for large scale milling and leaching operations can be developed at Teels Marsh, 8½ miles distant, by sinking one or more relatively shallow wells. The elevation of Teels Marsh is 4,900 ft.

POWER

It will be necessary to generate power for the mill and mine operations preferably with Diesel engines.

GEOLOGY AND ORE BODIES

The oldest rocks of the area in general are of Triassic age and comprise andesite, soda rhiolite-felsites and lime stones, with subordinate quartzite and shales. The Triassic rocks are intruded, probably in Cretaceous time, by diorites and porphyries, which metamorphored them strongly and converted relatively large volumes of limestone into calcium silicate rocks and allied silicates. After this metamorphism, dikes and bosses of various rocks were injected, subsequently faulting took place Tertiary volcanic rocks unconformaly upon the Mesozoic rocks. They consist of a lower division of quartz-latite and andesite breccia; a middle division of andesite flows and an upper division of conglomerate, capped by basalt. The ore bodies are believed to be contact-metamorphic replacement of comparatively

Geology and Orebodies----continued.

pure limestone, and are related to faulting. The principal ore consists of various copper sulphides, oxides, sulphate carbonates and silicate. Silver is present and to a lesser degree, gold.

There is no blocked out ore in the true sense of the term "blocked out ore". However several thousand tons of leaching ore can be mined from the existing mine workings. Mine dumps will furnish possible three thousand tons of leaching ore, of a good grade better than two percent.

Exploration of ore bodies has been accomplished in the existing mine workings, represented by drifts, cross-cuts, one winze and numerous raises, aggregating over 800 ft., and by many systematic surface exploration, consisting of pits, shallow shafts, trenches and other workings, and indicate that the chief ore body will attain a length of 500 ft. or more with width up to 75 ft., probably all in ore of mill or leaching grade, with an appreciable percentage of shipping ore, both oxidised and sulphides.
Sage brush soil covers the various outcrops followed by a few feet of barren capping and then follows an oxidized zone of the various copper ores, to an estimated depth of probably 300 to 400 ft. below the existing mine workings (elevation 6,300 ft. above sea level) on the East Side Original mining claim. This oxidises zone will be followed by the primary ore zone with secondary enrichment. Three known intersections or crossings will produce "high-grade" ore bodies. It is highly probable that the mineralisation will go to the depth of the quarts-monzonite sill, -what the depth of the sill is - I cannot state. However, taking into consideration the well established length of the ore body accompanied by an average width exceeding 60 ft. (sixty ft.) and favorable walls, lime hanging wall and porphyry foot wall, the depth of the primary ore zone should be considerable and should produce a large tonnage of both milling and shipping ore.
Application of shrinkage methods are possible due to the fact that the rigid requirements to shrinkage stoping as to dip (80 degrees), shape and strength and character of ore body and walls are all present.
Shrinkage stoping methods are desirable methods, because simple, requiring little timber and practically no shoveling in stopes, all features which tend to exceptionally low costs of mining.

copy of — Report -
by - Sandy Sanderson
EM - 1951 -

ASSAYS

No.	Assays by	Gold oz.	Silver oz.	Copper %	Type of sample	Total Assay Value
1	CCMC	0.06	15.62	2.10	trench	$ 36.12
2	SAML	trace	10.00	9.90	trench	59.52
3	UAOI	trace	3.10	1.11	cut	5.45
4	do	0.02	4.70	6.47	cut	27.43
5	do	trace	1.70	1.77	grab, dump	10.30
6	do	none	0.60	3.08	" "	15.54
7	do	trace	1.10	1.31	" "	7.60
8	do	none	1.30	3.44	cut	18.10
9	do	none	0.60	----	cut, wall	.51
10	CCMC	0.03	0.46	3.40	cut	18.36
11	do	0.01	0.66	3.80	dump	19.81
12	do	0.01	0.55	3.60	cut	18.46
13	do	0.01	1.10	4.75	cut	25.50
14	USBM	trace	0.80	1.73	grab, dump	9.21
15	do	0.005	2.35	2.77	" "	15.40
16	USBM	trace	0.70	7.17	" "	35.61
17	USBM	0.01	0.66	25.60	cut	115.89
18	AVHL	----	----	5.10	cut	24.38

	Ozs. Per Ton Au Gold	Ozs. Per Ton Ag. Silver	Per Cent Cu Copper	Per Cent SiO2 Silica	Per Cent Fe Iron	Per Cent CaO Lime	Per Cent Al2O3 Alumina	Per Cent S Sulphur	
One Sample	none	47.46	7.64	60.5	10.0	0.9	5.4	0.1	$87.30 gross ton

Total in dumps, estimate tonnage, about 2,000 tons.

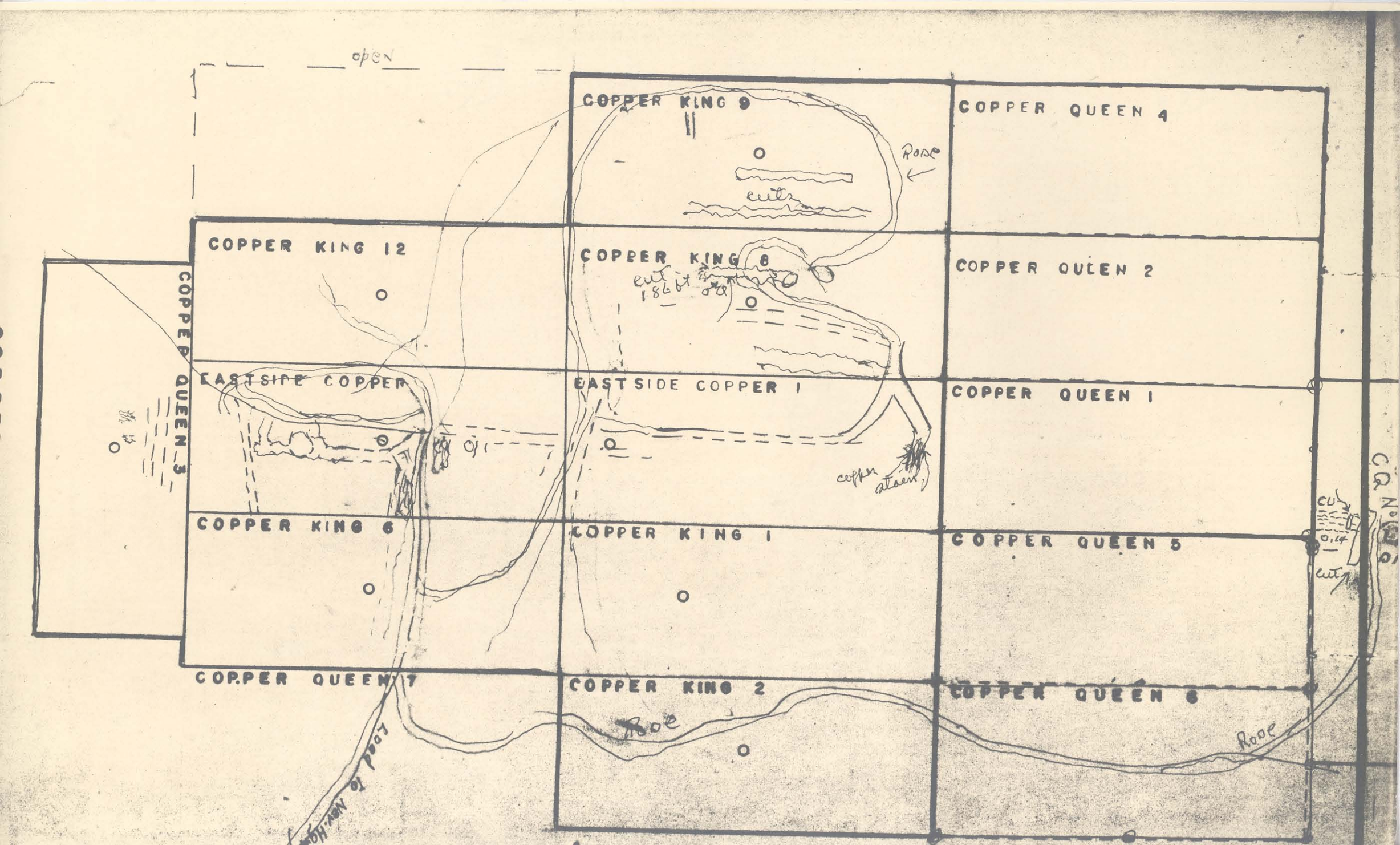
~~NOTE; Gold $5~~

Gold, $35.00 per ounce
Silver, .90 per ounce
Copper, .24½ per pound

Union Assay office Jor-A Sand R. 9.33
gold - silver - lead - copper - SiO2
0.020 - 5.6 - nil 4.64 percent 68.8 percent
grab on large south side dump on east end of dump

COPPER KING MINE

SANDY SANDERSON
-EM- 1951


open
COPPER KING 9
COPPER QUEEN 4
Road
cuts
COPPER KING 12
COPPER KING 8
cut 1864
COPPER QUEEN 2
COPPER QUEEN 3
EASTSIDE COPPER
EASTSIDE COPPER 1
COPPER QUEEN 1
copper stain
COPPER KING 6
COPPER KING 1
COPPER QUEEN 5
cut
0.14
COPPER QUEEN 7
COPPER KING 2
COPPER QUEEN 6
Road
Road to New Hope

COPY

P.O. Box 529 Phone 2232

Chas. A. Joseph
P. O. Box 854
Tonopah, Nevada 89049

WM. L. deCARBONEL
Mining Engineer and Geologist
Tonopah, Nevada
July 29, 1960

Mr. A. H. Delareuelle
P.O. Box 1535
Las Vegas, Nevada

Dear Art:

I have recently examined the Copper King property situated in the German Springs Mining District, Mineral County, Nevada. This property is located 7 miles north of Basalt, at the intersection of U.S. Highway 6 and Nevada Highway 10A, thence 2.8 miles northwesterly via all-weather gravel road to the mining area. Highway 10A leads to a railroad at Mina, Nevada, 27 miles.

The property consists of ten [redacted] lode mining claims held by discovery and annual labor, all of which has been done and recorded up to and including the year 1960.

The area consists of an unusual east-west grauben, a continuation of the Candeleria structure, which has been intruded by Cretaceous or early Tertiary granitic rocks. The Paleozoic rocks of the intruded mass consist of Ordovician (?) and Permian sediments which have been overthrust and highly folded before the block faulting and intrusions. The Paleozoic sediments consist of shales, mudstones, dolomites, cherty dolomites, iron manganese rich chert beds, sandstones, and quartzites.

The high degree of shattering of the more brittle cherts, cherty dolomites and almost quartzitic sandstone have provided favorable sites for the circulation and deposition of mineral bearing solutions. Later faulting and fracturing during the Tertiary have reopened these channels, permiting the leaching of the upper zones, the formation of gossans, and deposition of secondary copper mineralization.

A great deal of bulldozer trenching, some drifting and raising, and open pitting demonstrates the structural and mineralogical features of the property. Consistently richer assays in copper have been found in the larger open cut zones, with the copper content increasing from 0.35% to 3.5% in 16 feet in depth. Large areas of gossan exist. Further trenching will only show an increase in areal extent of the showings. What the property needs is a drilling program of 10 or more drill holes to define the depth of the ore body.

Sufficient geology has been done by various persons to more or less delineate the areal extent of the ore bearing area. Insufficient structural details are known or mapped in the ore area and are considered extremely important for the location of drill holes.

Sites for preliminary drilling have been discussed by several geologists and all seem in good agreement.

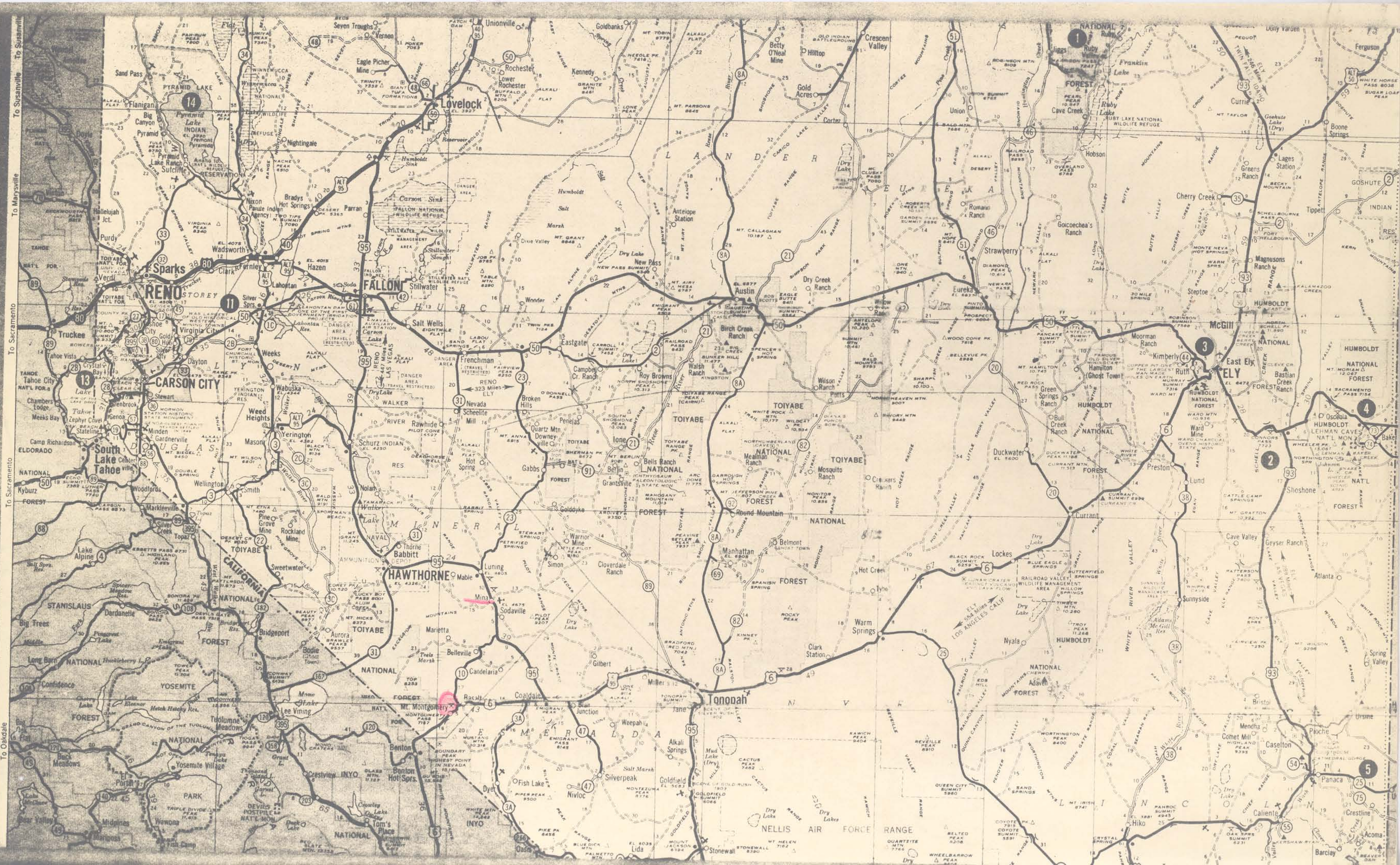
The terms desired by the owners are liberal, six months with option to continue for an additional six months should work be kept up on exploration by drilling or other means. After the six month or one year period a royalty of [redacted] on the [redacted] production with a minimum payment of [redacted] per month is asked. or 10% net smelter or mill returns.

I feel that this property merits your examination and further exploration by drilling by rotary or churn drilling, and that the results will lead to continued exploration and exploitation.

Sincerely yours,

(Signed) William L. deCarbonel
W.L. deCarbonel

WLdeC/er



To Susanville
To Marysville
To Sacramento
To Oakdale
Lovelock
Unionville
Rochester
Lower Rochester
Seven Troughs
Vernon
Eagle Picher Mine
Kennedy
Goldbanks
Betty O'Neal Mine
Hilltop
Crescent Valley
Gold Acres
Cortez
NATIONAL
FOREST
Jiggs
Ruby Valley
Franklin Lake
Cave Creek
Ruby Lake
RUBY LAKE NATIONAL WILDLIFE REFUGE
Hobson
Union
Currie
Ferguson
Boone Springs
Goshute Lake (Dry)
Lages Station
Greens Ranch
GOSHUTE
Tippett
INDIAN
Cherry Creek
Sand Pass
PYRAMID LAKE
Flanigan
Big Canyon
Pyramid
Pyramid Lake Ranch
Sutcliffe
Pyramid Lake INDIAN RESERVATION
Nightingale
Humboldt Sink
Carson Sink
FALLON NATIONAL WILDLIFE REFUGE
Nixon
Paiute Indian Agency
Bradys Hot Springs
Parran
L A N D E R
E U R E K A
Humboldt Salt Marsh
Dixie Valley
Anteloepe Station
Dry Lake
New Pass
Romano Ranch
Goicoechea's Ranch
Strawberry
Hallelujah Jct.
Purdy
Wadsworth
Sparks
Clark
Fernley
Hazen
Lahontan
Verdi
RENO
STOREY
Silver Sprs.
Soda
FALLON
Stillwater
Stillwater Slough
Austin
Dry Creek Ranch
Eureka
Steptoe
Magnusons Ranch
HUMBOLDT
McGill
Ely
East Ely
Kimberly
Ruth
Moorman Ranch
Hamilton (Ghost Town)
Green Springs Ranch
Bull Creek Ranch
Bastian Creek Ranch
Truckee
Tahoe Vista
Crystal Bay
Tahoe City
Chambers Lodge
Meeks Bay
Camp Richardson
ELDORADO
South Lake Tahoe
Stateline
Zephyr Cove
Glenbrook
Genoa
Minden
Gardnerville
CARSON CITY
Stewart
Dayton
Virginia City
Gold Hill
Silver City
Weeks
Wabuska
Yerington
Weed Heights
Mason
Wellington
Smith
Woodfords
Markleeville
Topaz
C H U R C H I L L
Salt Wells
Carson Lake
Frenchman
Eastgate
Campbell Cr. Ranch
Walsh Ranch
Roy Browns
Birch Creek Ranch
Wilson Ranch
Potts
TOIYABE
NATIONAL
FOREST
Kingston
Ione
Berlin
Grantsville
Bells Ranch
Mealman Ranch
Mosquito Ranch
Crockers Ranch
Round Mountain
Manhattan
Belmont
Duckwater
Currant
Preston
Lund
Shoshone
Osceola
HUMBOLDT
LEHMAN CAVES NAT'L MON.
Baker
NAT'L FOREST
Nevada Scheelite Mill
Rawhide
Schurz INDIAN RES.
WALKER RIVER
Hot Spring
Broken Hills
Quartz Mtn
Downeyville
Penelas
Gabbs
Goldyke
Nolan
Walker Lake
Thorne
Babbitt
HAWTHORNE
Mabie
Luning
Mina
Sodaville
Simon
Warrior Mine
Cloverdale Ranch
Pine Grove Mine
Rockland Mine
Sweetwater
Lake Alpine
STANISLAUS
Dardanelle
Big Trees
Long Barn
Confidence
NATIONAL FOREST
Bridgeport
YOSEMITE
Tuolumne Meadows
Lee Vining
Mono Lake
Bodie (Ghost Town)
Aurora
Marietta
Belleville
Candelaria
Basalt
Mt. Montgomery
Coaldale
Blair Junction
Millers
Tonopah
Gilbert
Lockes
Warm Springs
Clark Station
Hot Creek
Tybo
Nyala
Sunnyside
Adaven
Cave Valley
Geyser Ranch
Atlanta
Spring Valley
Bristol
Ursine
Pioche
Panaca
Caselton
Comet Mill
Caliente
Crestline
Acoma
Barclay
Benton
Benton Hot Sprs.
INYO
Crestview
Yosemite Village
Wawona
Mariposa
Midpines
Fish Camp
Bear Valley
Jane
Weepah
Alkali Springs
Silverpeak
Goldfield
Fish Lake
Nivloc
Dyer
Oasis
Lida
Stonewall
Mud Lake (Dry)
NELLIS AIR FORCE RANGE
Hiko
CALIFORNIA
NEVADA
E S M E R A L D A
N Y E
L I N C O L N
M I N E R A L
L Y O N
D O U G L A S

Assays — taken from Sanderson Report

ASSAYS

No.	Assays by	Gold oz.	Silver oz.	Copper %	Type of Sample	TOTAL ASSAY VALUE
1	CCMC	0.06	15.62	2.10	trench	$ 36.12
2	SAML	trace	10.00	9.90	Trench	59.52
3	UAOI	trace	3.10	1.11	cut	5.45
4	do	0.02	4.70	6.47	cut	27.43
5	do	trace	1.70	1.77	grab, dump	10.30 N dump
6	do	none	0.60	3.08	" " (upper)	15.54
7	dO	trace	1.10	1.31	" "	7.50
8	do	none	1.30	3.44	Cut	18.10
9	do	none	0.60	----	cut, wall	.51
10	CCMC	0.03	0.46	3.40	cut	18.36
11	do	0.01	0.66	3.80	dump	19.81
12	do	0.01	0.55	3.60	cut	18.46
13	do	0.01	1.10	4.75	cut	23.50 S side
14	USBM	trace	0.80	1.73	grab, dump	9.21 small ½ uphill
15	do	0.005	2.35	2.77	" "	15.40 S dump
16	do	trace	0.70	7.17	" "	35.61
17	do	0.01	0.66	23.60	~~cut~~ ore grab.	115.89
18	AVHL	----	----	5.10	cut	24.38

RUN BY KENNICOTT, McGILL, NEVADA

	Ozs. per ton Au Gold	Ag. Silver	Per Cent Cu Copper	PerCent S102 Silica	PerCent Fe Iron	PerCent CaO Lime	PerCent A1203 Alumina	PerCent S Sulphur	
ONE SAMPLE	None	47.46	7.64	60.5	10.0	0.9	5.4	0.1	$87.30 gross ton

Union Assay offices for A.S. and R. smelter 9 33 — Jan 8 - 1957.
grab east end of ~~main~~ big dump south side Trench.

Total in dumps estimate tonnage, about 2,000 tons

gold — silver, lead copper SiO2
0.020 — 5.6 — none — 5.64 percent 68.8 percent

NOTE: Gold 35

Gold $35.00 per ounce
Silver, 90¢ per ounce
Copper, 24½ cts per pound

COPPER KING MINE

SANDY SANDERSON
-EM- -1951-