



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the Grover Heinrichs Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

RE: Dr Gaines' report on the Charleston Mine

Using a small block of proven ore, 285 feet long by 305 feet deep, Dr Gaines calculates 86,000 tons of sulphides and sericite, which he states that after mining, milling, shipping and taxes, will net \$1,050,000.00.

Quote from Page 10 of the Gaines report:

"Possible Ore:- The above computation only takes into account the ore present in a stretch of the mineralized zone 285' long and 305' deep. There is every reason to expect that this same formation should continue in depth, to double or more the 305 feet. In addition, it is known that Nash and Vogel intersected 18 feet of sericite (9' true width) in their hole No. 2, 340 feet west of Heron's hole # 10. Sericite is also visible in an out crop on the Connecting Links claim, over 1,100' N 75 degrees E of the pit. Obviously there is plenty of room for exploration, with the promise of multiplying the present reserves by several fold."

Charleston Mines

INCORPORATED

5008 West Weldon Avenue, Phoenix, Arizona 85031

CHAS. H. SUITER, President

February 24, 1972

Phone 278-7974

Mr Paul Eimon, Chief Geologist
Essex International Inc.
1704 West Grant Street
Tucson, Arizona 85705

SRM
FEB 28 1972
RECEIVED

Dear Mr Eimon:

On February 5th I mailed you quite a bundle of maps, engineers reports and other data with regard to the Charleston Mine south-west of Tombstone - I hope you have had the time to study them a bit although I understand that you have received many submittals.

The purpose of this letter is offer you a substantial reduction in our sale price of our corporation - In my letter of February 5th I suggested 3500 shares of your Essex stock for 100,000 shares of our Charleston Mines Corporation - I suggest now that you consider paying us \$60,000.00 cash and \$50,000.00 in one or two years to suit yourself for our Charleston Mines Corporation which includes all our twenty mining claims and our Charleston Mine - since the Stewart Company still owe us \$115,400.00 on their purchase agreement for the 12 claims (Mary Jo Group) you are not taking any risk of loss. Also the eight claims leased by the Charleston Mines from the State of Arizona are not included specifically in the agreement and no sale price has been agreed upon - it is on one of these State Claims (State No. 5) that the Stewart Company found 500 ft of 3 to 9% complex Cu, Zn and Pb ore at 1750 ft - apparently a sedimentary deposition. Then they discovered that their agreement did not cover the State Claims, but they are trying to bluff it through.

If you owned the Charleston Mines Corporation you would "have a foot in the door" to one of the best mining properties in all southern Arizona with plenty of copper at depth - our mine is very similar to the Butte, Mont. copper mines with the sericite as an associate mineral, and indicator.

Incidentally, the drill cores are preserved and stored at the Charleston Mine - Stewart Company want a deal with someone I think that through Clyde Davis you could get to see the cores. They have a family living at the mine in my house, he handled all the cores. He is a school teacher named Clark Hughes so Saturday might be the best day to see him and the cores.. Let me hear from you in a week or ten days.

Very truly yours,

Chas. H. Suiter
Chas. H. Suiter

RECORD OF METAL SEMI-CONCENTRATES
MINED, WASHED AND SHIPPED BY THE
CHARLESTON MINES, TOMBSTONE, ARIZ.

NOTE: The place of underground origin of each lot shipped is indicated on the attached map of the underground workings, by numbered circles corresponding to the lot number. This information should convey a general idea of the over-all quality of the ore as these shipments were mined from a number of widely separated places in the mine.

<u>LOT NO.</u>	<u>DATE</u>	<u>DRY TONS</u>	<u>Ag. oz.</u>	<u>Cu. %</u>	<u>Pb. %</u>	<u>Zn. %</u>	<u>MILL PAYMENTS</u>
1	10/47	125.50	1.30	0.70	7.40	12.7	\$ 1855.70
2	5/48	44.32	1.32	0.80	10.60	14.4	1448.97
3 ✓	6/48	82.16	1.20	0.85	10.20	12.0	2283.18
4	7/48	51.57	1.00	0.75	9.40	10.2	1438.91
5	8/48	47.15	1.20	0.70	9.40	9.0	1328.24
6	9/48	38.97	1.05	0.60	8.90	11.2	1059.33
7	10/48	44.64	1.20	0.37	6.85	12.20	1108.00
8	10/48	49.65	1.80	0.60	9.70	15.60	1865.74
9	11/48	33.51	1.60	0.62	9.90	14.60	1431.90
10	12/48	42.95	1.20	0.60	7.30	9.00	1085.61
11	12/48	37.62	1.30	0.75	9.10	14.8	1472.74
12	2/49	33.06	1.20	0.61	7.15	10.0	927.18
13	3/49	39.74	0.80	0.40	5.65	8.55	742.61
14	4/49	34.86	0.80	0.32	5.50	9.45	409.24
15	5/49	41.47	1.40	0.55	7.75	12.90	873.15
16 ✓	6/49	55.81	3.40	1.25	15.50	22.30	2125.14
17	8/49	38.01	1.70	0.75	7.30	11.50	546.93
18 ✓	9/49	10.13	1.70	1.05	10.40	15.2	915.28
19 ✓	9/50	58.10	1.20	1.05	11.00	15.9	2473.43
20 ✓	10/50	70.55	2.28	1.42	17.10	27.3	5326.52
21 ✓	10/50	26.90	1.32	0.97	10.36	11.5	913.89
22 ✓	10/50	32.17	1.80	1.25	13.80	21.0	1854.19
23	12/50	27.12	0.90	0.45	5.40	9.8	844.10
24	6/51	122.04	1.56	0.20	7.80	11.8	3825.87
25	5/52	28.48	1.68	0.60	10.80	16.2	1377.42
26	6/52	25.40	1.25	0.92	10.00	15.8	762.00
27	6/52	100.00 crude	0.65	0.46	4.60	3.20	950.00
<u>1371.08 tons</u>							<u>\$ 41243.27</u>

1271
Koni
#4029327

Lot No. 27 was 100 tons of newly mined crude sericite ore that was sold to the Tombstone Flotation Mill at \$10.00 per ton mine site less 5% for moisture, for the purpose of testing whether or not the unwashed crude ore could be milled by flotation - the test was not satisfactory for the reason that the talcose content caused uncontrollable frothing in the flotation circuit. The Sericite crude ore must be washed before the sulphides can be milled by flotation.

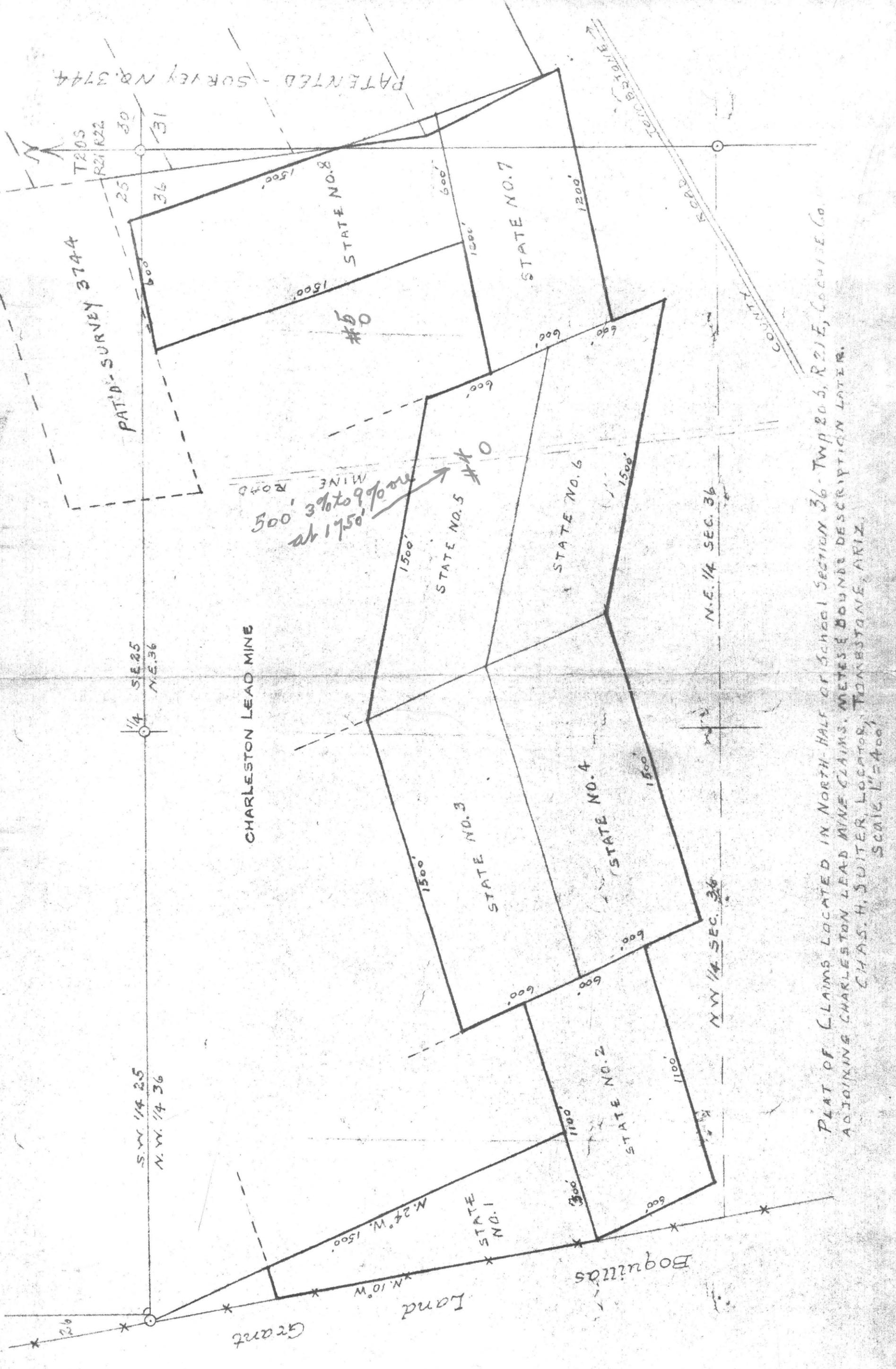
The other 26 lots totaling 1271 dry tons were washed bulk semi-concentrates resulting from approximately 4000 tons of crude sericite ore that was run through the washing plant and the sericite thus removed. These 26 shipments of washed semi-concentrates gave a NET mill return of \$40,293.27, an average of \$31.70 per ton, after deducts for freight, milling and smelting charges, which charges amounted to about 50% of the gross - the above figures represent about half the assay value of the ore shipped.

✓ Lots 18 and 28 came from a winze sunk in the floor of the 72 foot level at a point about 30 feet east of the bottom of No. 5 Brother George shaft. It appears that the ore and the sericite improve in quantity and quality with depth.

The above shipments was ore that was produced from development work of a period of several years. A few other shipments made by Lessees were made in more recent years of which there is no record. It has been determined in recent years that the Sericite product of the Washing plant has a value of approximately \$60-\$70.00 per ton. It has been estimated that at least 500,000 tons of recoverable sericite ore exists in the vein.

Charleston Mines

The Sericite ore contains 36% of finely ground muscovite mica that has a market value of \$140.00 per ton....



PATENTED - SURVEY NO. 3744

PAT'D SURVEY 3744

500' 3% to 9% grade
MINE ROAD

CHARLESTON LEAD MINE

1/4 S.E. 25
N.E. 36

S.W. 1/4 25
N.W. 1/4 36

N. 24° W. 1500'

N. 10° W. 1500'

Grant

Land

Boguitas

STATE NO. 1

STATE NO. 3

STATE NO. 4

STATE NO. 6

STATE NO. 5

STATE NO. 8

STATE NO. 7

STATE NO. 2

N.W. 1/4 SEC. 36

N.E. 1/4 SEC. 36

PLAT OF CLAIMS LOCATED IN NORTH HALF OF SCHOOL SECTION 36. Twp 20S, R. 21E, Coconino Co. ADJOINING CHARLESTON LEAD MINE CLAIMS. METES & BOUNDS DESCRIPTION LATER. CHAS. H. SWITER, LOCATOR, TOMBSTONE, ARIZ. SCALE 1"=400'

November 30, 1971

Mr. M. S. Horne, President
James Stewart Company
707 Mayer Central Bldg.
3033 N. Central Avenue
Phoenix, Arizona 85012

Dear Mr. Horne:

This will acknowledge your letter of November 24, 1971.

I am sending a copy of your letter to Mr. Helming and asking him to make contact with Mr. Hughes to log your most recent Hole #7. After Mr. Helming has logged the hole I will review the data with him and contact you again.

Very truly yours,

Paul I. Eimon
Manager of Exploration

ESSEX INTERNATIONAL, INC.

PIE:td

cc: B. Helming

JAMES STEWART COMPANY

REAL ESTATE INVESTMENTS AND DEVELOPMENT

707 MAYER CENTRAL BUILDING

3033 NORTH CENTRAL AVENUE • PHOENIX, ARIZONA 85012

602-264-2181

November 24, 1971

Mr. Paul Eimon
Manager of Exploration
Essex International
1704 West Grant Road
Tucson, Arizona 85705

Dear Mr. Eimon:

This will confirm our telephone conversation of today that you are hereby authorized to enter onto the Charleston Mine Property, and will be granted access to our various cores for the purpose of examining and logging same. It is understood that your Mr. Robert Helming will log our most recent hole, Hole #7.

Mr. Clark Hughes and his family live on the premises. Mr. Hughes teaches school at the St. David High School. He does not have a telephone number at home, but you can get in touch with him during the day at the high school.

All of the core is under lock and key. Therefore, arrangements should be made by Mr. Helming with Clark Hughes for access to the cores.

We appreciate your interest in our property, and will look forward to seeing your recommendations.

Very truly yours,



M. S. Horne
President

MSH:ef

cc D. Clark Hughes
H. Clyde Davis
Clarence A. Cosgrove