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The following file is part of the John E. Kinnison mining collection

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3-14-7

Jek file

→ Ivan sea —

Jim Brooks

CF&I

Les Wahl Denver

[redacted]

MAR 12 1971

Jerry Irwin — states the above people handled CF&I drilling —

P. O. Box 3605
903 University Boulevard
Tucson, Arizona 85722

October 19, 1970

Mr. John Challinor
6360 East Rose Circle
Scottsdale, Arizona 85251

Blind Subject: Swansea Mine,
Yuma County, Arizona

Dear Mr. Challinor:

This will acknowledge our telephone calls regarding the data which you possess on the Swansea mine in Yuma County.

As you know, I had planned to drive to Phoenix and review this data early this month. However, we have been terribly busy with the duties of setting up a new office, and I hope you will patiently bear with me until I have some free time. Hopefully I will make an appointment to see you within the next two weeks.

Yours very truly,

John E. Kinnison
Regional Geologist

JEK/bl

b. c. c. Dr. T. F. O'Neil
File
Blue

WALKER Lithocraft PRINTING, INC.
1878 WEST GRANT ROAD
TUCSON, ARIZONA 85705
624-0443

~~Post-Mineral Cover rocks~~
~~Lavad~~
~~Lamicle or Mesozoic intrusives~~

Real Estate Tom Jackson
279-1671

Home 946-1124
6360 E Rose Circle Scottsdale 85251

John Challenor

$2000/Mo
while expl.
6 Mo go-up payments
2 Mill ~~upset~~ Royalty
$400,000 Upset
CFI

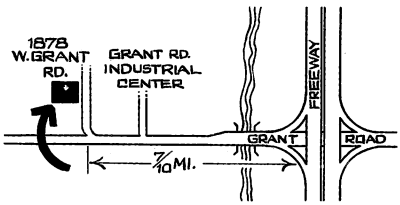
Swansea —

Underground Mine Maps
Geology — 38 drill holes.

100,000# Cu blocked in near surface zone

3 M @ 1% pit Bagled estimate

Asarco mined 2½%
regional est that 4% from longholing.
250 Tpd operation.
Dumps .6% 250 000 tons



Quality — Since 1958 — Now in Our New Plant

ORE

2% Cu 03 oz Au/ton .3 oz Ag/ton

Concentrate – 1 ton

25% Cu (500#) .29 oz Au , 2.9 oz Ag

Conc. Ratio 14:1
Assume 8% Moisture

Metal Fore Cast: Cu 50¢/lb
Au 35.00/oz
Ag 2.00/oz

Hayden Smelter Liquidation

Payments. Gold 9.70
Silver 4.50
Copper 210 –
224.20 / dry ton

Charges: Treatment 25.00
Freight 5.71

Net Smelter 193.49 / dry ton
x 92% = $178 – / ton Concen. as shipped from Vicksburg

178 ÷ 14 = $12.80 / ton Crude at Vicksburg

– Compared to GROSS VALUE of $19.15 @ 90% Rec Cu and 70% Rec Au, Ag.

Trucking Conc from Mill to Vicksburg say 10 Miles @ 10¢ 1.00 ÷ 14 = 7¢/ton Crude
Trucking Ore to Mill, Say 5 Miles @ 10¢ = 50¢/ton Crude
57¢

Value at Mine 12.80 − .57 = Say, $12.25 / ton ore
12.23