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BIG BEND (A)



## MINERALS CORPORATION

ONE TAMARAC SQUARE BLDG. • 7555 EAST HAMPDEN AVENUE, SUITE 413  
DENVER, CO 80231-4835 • PHONE (303) 695-6976  
TELEX 45-0162 BLACK GOLD DVR

May 28, 1985

Re: Big Bend Property

Dear Bill:

As we discussed yesterday over the phone, Gerber Minerals Corporation is forced to withdraw from this project due to shortage of staff.

If you should be able to find a partner capable of operating the project, we will certainly be interested in a joint venture.

The property retains its potential as none of those parties that visited the property recognized the possibilities of the Big Bend instead of the Organ Grinder.

Enclosed with the notice of termination is our check for permit rental. As the property is in your name you have to file with the corresponding authorities. Please make the labor allocations as you see fit.

Very truly yours,

GERBER MINERALS CORPORATION

Bernhard Free  
President

BF/gv

GERBER MINERALS CORPORATION

PROJECT REPORT

by: Dr. B. Free

Denver, Colorado

November 6, 1984

Big Bend Gold Property

Yavapai County, Arizona

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## SUMMARY

The Big Bend gold prospect is located 45 miles north of Wichenburg, Arizona, a short distance to the west of a major highway and major power line.

Gold and associated silver occurs in quartz veinlets and fractures of volcanics, but mainly in a highly sheared Precambrian granite. Strong oxidation alteration envelopes the gold/silver mineralization.

The prospect was in an early stage of ore development and exploration during 1983 and the first half of 1984 by the Himac/New Tye joint venture of Vancouver, Canada when the venture was forced to terminate its option due to cessation of funding.

Indicated and potential gold/silver ore at an average grade of 0.05 oz. Au/ton and 1.2 oz. Ag/ton occurs on surface and in drill holes in the oxidized host rocks predisposed to heap leaching. The naturally fractured and jointed host rock may not require blasting and may yield direct pad-feed ore.

A potential of several million tons of ore is indicated. One laboratory column leach test indicated gold recovery to be over 70%.

The Big Bend property is now controlled by Gerber Minerals Corporation.

## INTRODUCTION

The property was first visited by this writer in May, 1984 while it was still under option to the Himac/New Tye joint venture.

An offer by Gerber Minerals to farm-in was disregarded by the joint venture, apparently for lack of interest in ownership dilution.

The joint venture was then in the midst of a fairly extensive drilling and surface work program with encouraging results. These results were enhanced by the discovery of a large geochemical gold anomaly in soils a short distance away from the original "discovery zone".

When, due to a sudden and unexpected withdrawal of the joint venture, the property reverted to the owner during September, 1984, this writer investigated into the reasons for the pull-out of the joint venture but could not find any geologically adverse conditions for terminating the project. It appears that the joint venture experienced an unexpectedly sudden financial problem forcing it to withdraw from all further expenditures.

Immediately, negotiations on the subject property were begun with the owners, Rambo, Inc.

Check sampling by the writer of surface exposures duplicated the results obtained by Rambo and the joint venture as well as by the state geologist of the State Land & Mineral Department in Phoenix.

#### LOCATION & ACCESS

State of Arizona

Sec. 35, 36, T. 13 N

Yavapai County

Sec. 1, 2, 11, 12, T. 12 N

Ararastra Mountains

(Figure 2)

The property is located approximately 100 miles northwest of Phoenix or 45 miles northwest of Wichenburg (Figure 1).

The main highway to Kingman/Las Vegas passes within 3 miles east of the property opposite the intersection of the Hillside Mine and Bagdad Mine road. The property is crossed by field roads and trails and can readily be traveled by field vehicles.

#### PHYSIOGRAPHY

The Arrastra Mountains are one of the mountain ranges typical of the Basin/Range physiographical complex. Trending in a general north-south direction, they protrude from surrounding basins.

The topography is rugged to moderately rugged.

Relief in the property area is moderately rugged with elevation differentials of 300 - 500 feet. Mean elevation is 2900 ft.

The topography of the property itself does not represent a problem with regard to moving equipment. Minor road preparation is required.

Situated in central Arizona, the climate supports Sonoran desert type vegetation consisting of succulents and desert shrub. Soil development is poor. Rock exposure is excellent.

Seasonal run-off supports ephemeral streams. High yield, moderately deep aquifers are indicated by active water wells. Elevation and temperature permit year-round operations very conducive to heap leaching processes.

#### OWNERSHIP & TENURE OBLIGATIONS

The property comprises 2,040 acres more or less in a mix of contiguous Arizona State Prospecting Permits and unpatented lode mining claims.

all the rights with 4 mining claims subject to a total minimum advance royalty payment of \$1,000 per month.

Annual assessment work and lease rental cost are as follows:

68 mining claims @ \$100/claim	\$6,800.00
680 acres Prospecting Permits @ \$1.00/acre	\$ 680.00
Total	\$7,480.00

The state of Arizona requires a \$10,000 surface reclamation bond.

The option agreement between Rambo and New Tye Resources was terminated on August 1, 1984 with the joint venture claiming to have spent \$107,000 on the property since August 24, 1983.

Gerber Minerals Corporation leased the property from Rambo for an annual minimum royalty succeeded by a 15% net profit royalty once the property is in production and after Gerber Minerals recovered its investment.

## HISTORY

No written record exists for the time before the involvement of Rambo, Inc. and the operations of the New Tye/Himac joint venture. Apart from old surface trenches and a small adit, no work other than sporadic sampling of dumps and outcrops was conducted by various individuals. The results of more extensive work obtained by the recent operators are appended to this report.

## GEOLOGY

The area was never mapped in any detail, and the geology observed is best described by Mr. Trenholme of New Tye and confirmed

through field checks by this writer.

In general, large parts of the property are underlain by a very coarse-grained granite to granodiorite with phases consisting almost exclusively of large (2") euhedral feldspar crystals. Pegmatitic veins and dikes criss-cross this complex.

This "granite" is thought to be Precambrian in age and possibly a metamorphic derivative of an earlier like intrusive. Younger volcanic lithologies are "draped" over this granite and preserved in discontinuous segments. These lithologies are cut by younger basic dikes.

Faults and other structural features appear to conform to typical Basin/Range tectonism.

The most intriguing features are hematitic alteration zones within an even broader alteration envelope of silification expressed by a stockwork of stringers, veinlets and occasional veins of several feet thickness of massive quartz, that are either barren or mineralized with gold. But, gold also occurs within this hematitic alteration zone as a pervasive constituent in both the altered "Granites" as well as in the volcanics.

Although significant but sporadic gold values in the range of 0.3 to 0.9 oz. Au/ton occur occasionally within the quartz veins, the true potential lies in the low grade but widespread gold mineralization within these alteration envelopes, especially in the Big Bend Zone (Figure 2).

Secondary oxidation has been determined to reach depths in excess of 100 feet but primary oxidation may be much more extensive. Only minor sulfide mineralization is indicated by spotty secondary copper and iron hydroxides.

Note: No exploration has been conducted outside the known zones of established and indicated mineralization.

### POTENTIAL FOR MINING

Indications and potential to establish several million tons of ore grading in the range 0.04 - 0.06 oz. Au/ton are rated "very good" for the Big Bend Zone. Known mineralization occurs from surface to as-yet-undetermined depth in gently rolling hills permitting removal downhill from apex to valley floor. The natural contours and topography are conducive to easy construction of leach pads including gravity flow of solutions.

Climate and elevation permit year-round operations and a high degree of leaching efficiency.

Access, energy and water are readily available; so are labor force and a mining-friendly state government.

### CONCLUSIONS

- i. Gold/Silver mineralization conducive to heap-leach recovery is indicated to occur in sufficient quantity to sustain a mining operation.
- ii. fracturing and jointing of the host rock may permit mine-run ore to be placed on leach pads without crushing.
- iii. neither mineralogical or lithological cyanides or reaction retardants are known to occur with the ore.
- iv. about \$100,000 worth of preliminary exploration work of acceptable quality has already been conducted.
- v. the property is unexplored to a large extent.
- vi. to test the already known development targets to indicate 2 to 3 million tons of ore will require a maximum of

\$450,000 in total including acquisition and maintenance of mineral rights.

- vii. no work commitments other than assessment work are required.
- viii. a rough and conservative cash flow model (Tables 1 and 2) indicates favorable economics based on realistic parameters and assumptions.
- ix. considering the risk level of the project, a joint venture partner should be sought.

#### RECOMMENDATIONS

It is recommended that:

- negotiations for the Big Bend (Organ Grinder) property be finalized.
- efforts be made to secure a joint venture partner.
- a two-year exploration/ore development program be funded with \$500,000 under the operatorship of Gerber Minerals Corporation.

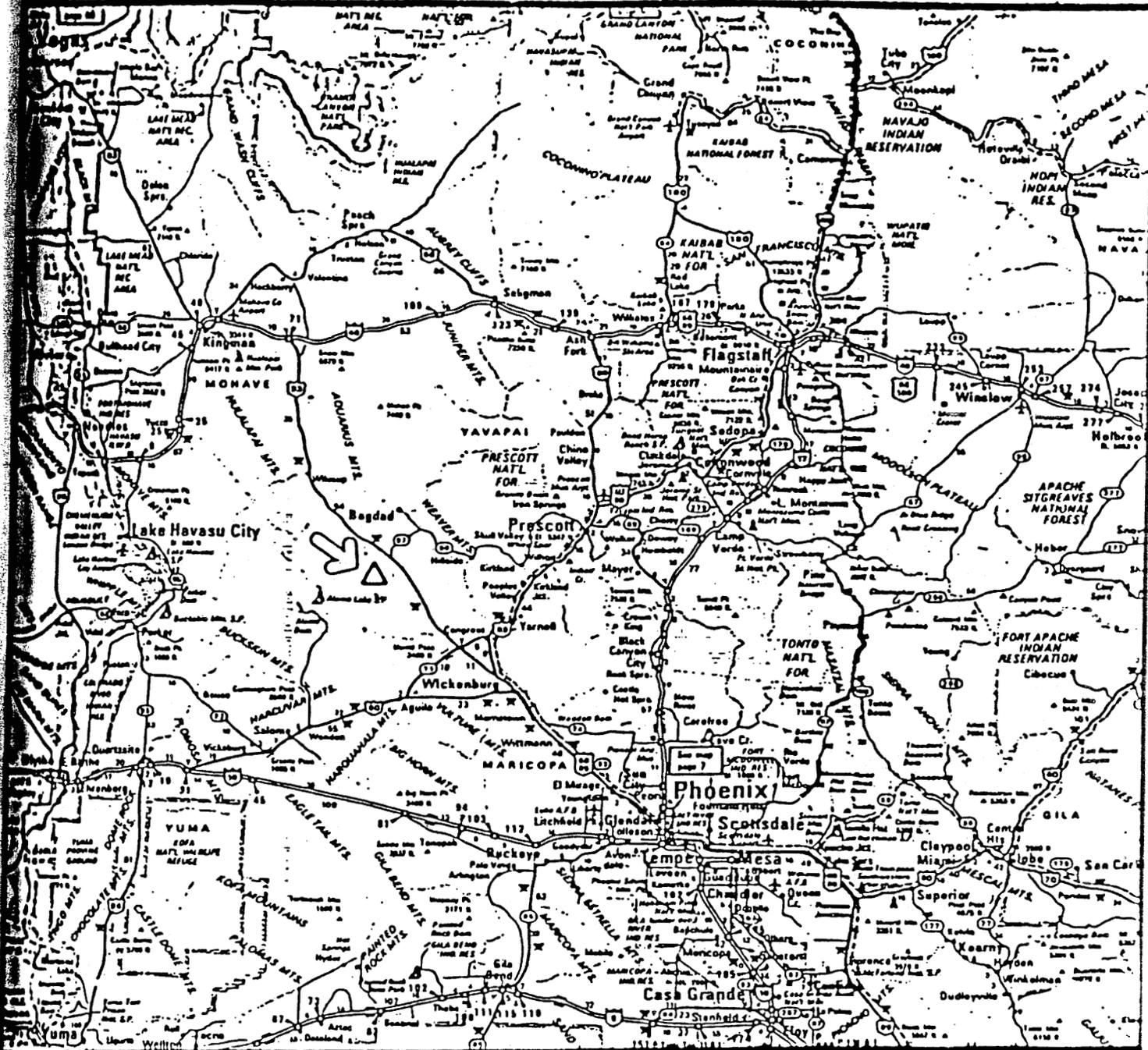
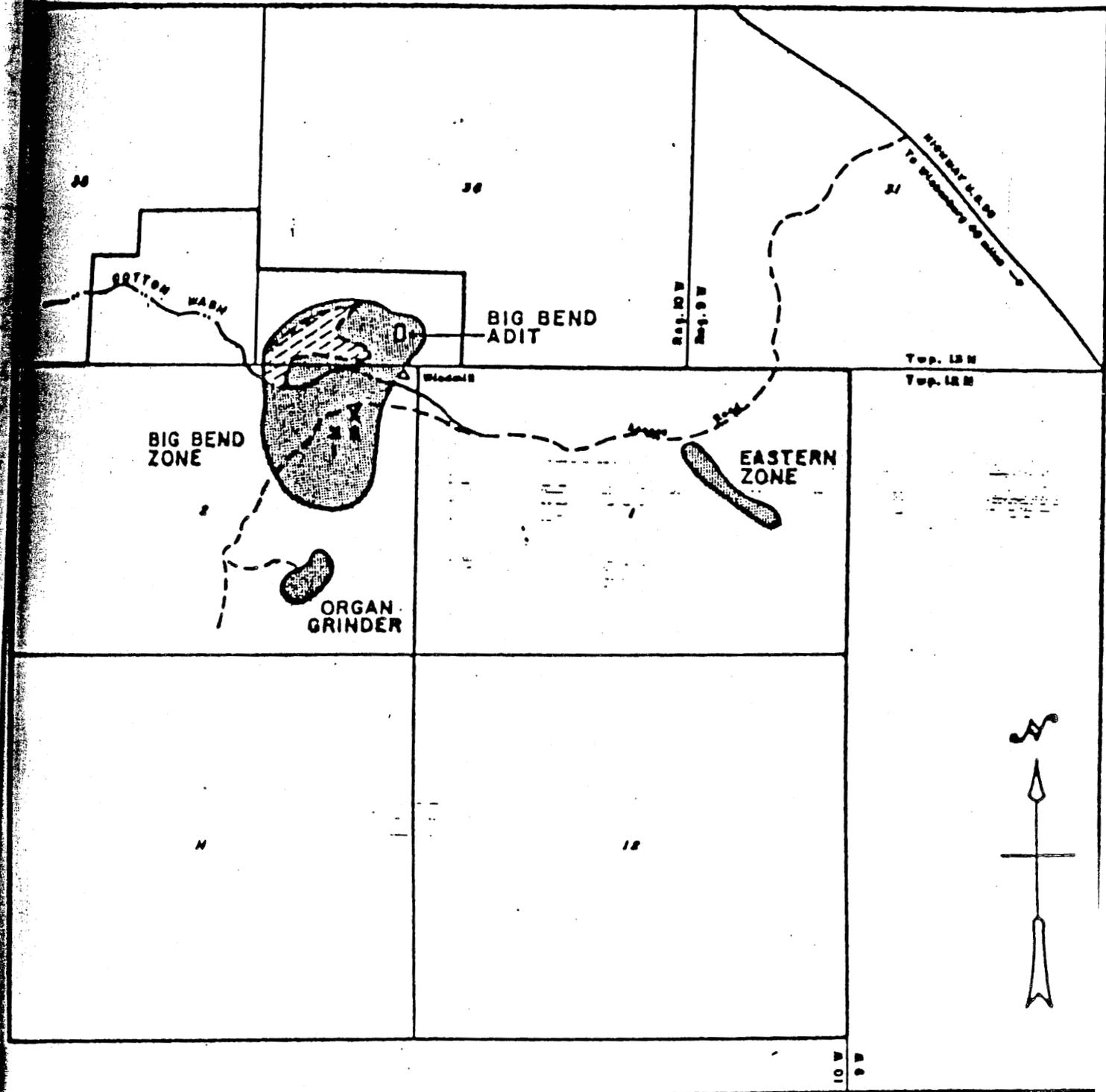


FIGURE 1

GERBER MINERALS CORPORATION  
 BIG BEND PROPERTY  
 YAVAPAI COUNTY, ARIZONA  
 LOCATION MAP

Scale : 1" = 36 Miles

November 8, 1984



**LEGEND**

BOIL GEOCHEM. ANOMALY

APPROX. OUTLINE OF MINERALIZED  
OXIDIZED GRANITE PORPHYRY

CHECK SAMPLE LOCATIONS

- .063 oz Au
- .181 oz Au

**GERBER MINERALS CORPORATION**

**BIG BEND PROPERTY  
YAVAPAI COUNTY, ARIZONA**

**LOCATION MAP**

Scale: 1" = 2000'

February, 1985

FIGURE 2





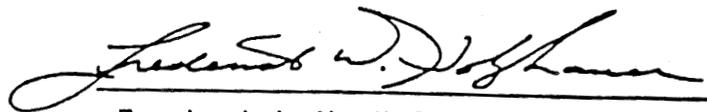
**A** CHEM ASSAY

15820 W. 8th Avenue  
Golden, Colorado 80401  
Phone 303-279-3611  
9/24/84

Gerber Minerals

Item	Sample No.	Au(oz/T)
1	GK: 1	.003
2	2	.045
3	BB: 1	.002
4	2	.057
5	3	.019
6	4	<.002
7	5	.063
8	6	.121
9	7	<.002
10	8	.958
11	9	.003
12	10	.016
13	11	.010

*B-g Band*



Frederick W. Holzauer

Mr. Bill Poe

March 31, 1960

PRELIMINARY TESTS

SAMPLE NO. 71 as received.  
Weight as received 5 lbs; Size, all minus 3/8 inch  
HEAD ASSAY: Gold 0.042 oz/T, Silver 0.20 oz/T  
GOLD/200 grams 0.256 mg; SILVER/200 grams 1.37

AMALGAMATION  
200 grams - 100 Mesh

80 cc water  
1 gram mercury  
1 gram sodium hydroxide  
Agitate 3 hours

	AMALGAM	TAILS
Oz/T	XXXXXXXX	
SILVER oz/T	XXXXXXXX	
Gold mg		
Silver mg		
Percent recovery		
gold =		
silver =		

CYANIDATION  
200 grams -- 100 Mesh

800 cc water  
2 grams sodium cyanide  
1,2 grams lime  
Agitate 4 hours

	SOLUTION	TAILS
Oz/T	XXXXXXXX	0.009
SILVER oz/T	XXXXXXXX	0.05
Gold mg	XXXXXXXX	0.062
Silver mg	XXXXXXXX	0.34
Free sodium cyanide lb/Ton Solution =	3.20	
Ore =	1.80	
Lime lb/Ton Solution =	2.10	
Ore =	2.10	

Percent recovery  
gold = 78.43  
silver = 75.19

pg 12

METALLICS  
200 grams - 100

10 minute screen time

	METALLICS	PULP
Iron mg		
Wt. g		
Oz/T gold		
Oz/T silver		
Wt. Gold mg		Wt. Gold mg
Wt. silver mg		Wt. silver mg

*M. Sigmund*

JACOBS ASSAY OFFICE  
 1435 South 10 th Avenue  
 Tucson, Arizona 85713

ALPO

c/o Mr. Bill Poe  
 P.O. Box 2498  
 Wickenburg, Ariz. 85328

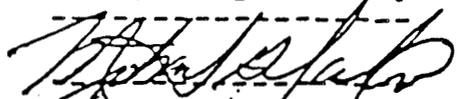
Date April 22 1982  
 Size Minus 3/4 Inch

COLUMN LEACH TEST

Grams Added		Sol. Titrations			Assays		Milligrams	
CaOH	NaCN	pH	lbs/Ton	NaCN	oz/tan		Au	Ag
Feed	2000 A.T.	to Account for	CaO	NaCN	Au	Ag	Au	Ag
		11.0	3.5	.80	.040	.15	72	600
			3.5	.70	.044	.15		
		11.0	3.4	.70	.044	.15		
			3.4	.70	.050	.20		
		11.0	3.4	.60	.054	.20		
			3.3	.60	.073	.20		
10			3.3	.60	.080	.20		
		11.0	3.0	.60	.085	.20		
			2.9	.50	.091	.20		
		11.0	2.9	.50	.094	.25		
			2.4	.40	.097	.25		
			2.2	.40	.100	.25		
		11.0	1.9	.40	.104	.30		
10		e	2.3	.70	.104	.30		
		11.0	2.4	.70	.103	.30		
			2.4	.70	.103	.30		
		11.0	2.4	.70	.101	.30		
Regent sol. Drained--8.17 liters 280.12 A.T.					.101	.30		
50 A.T. Wash Sol. Added								
Wash sol. Drained					.032	.05		
Leached Ore ( Tails) By Assay					.012	.20	24	400
A.T.- Assay Ton-29.166 Grams								

Conclusions: By results of Tail assays and Head assays, 66.67% Recovered on Gold, 33.34% Recovered on Silver. Perculation rate average was 340 ml/min. at 4'6" column with 9" diameter. Perhaps, a smaller crush might help in the recovery of the Gold & Silver.

Very Respectfully



Michael G. Jacobs  
 Registered Assayer  
 State of Arizona

Bulk. Crushed to  $\frac{3}{4}$ "

Results Fri. AM

A4.

3"	.012
2"	.032
1"	.026
$\frac{3}{4}$ "	.048
$\frac{1}{2}$ "	.067
$\frac{1}{4}$ "	.055
$-\frac{1}{4}$ "	.152

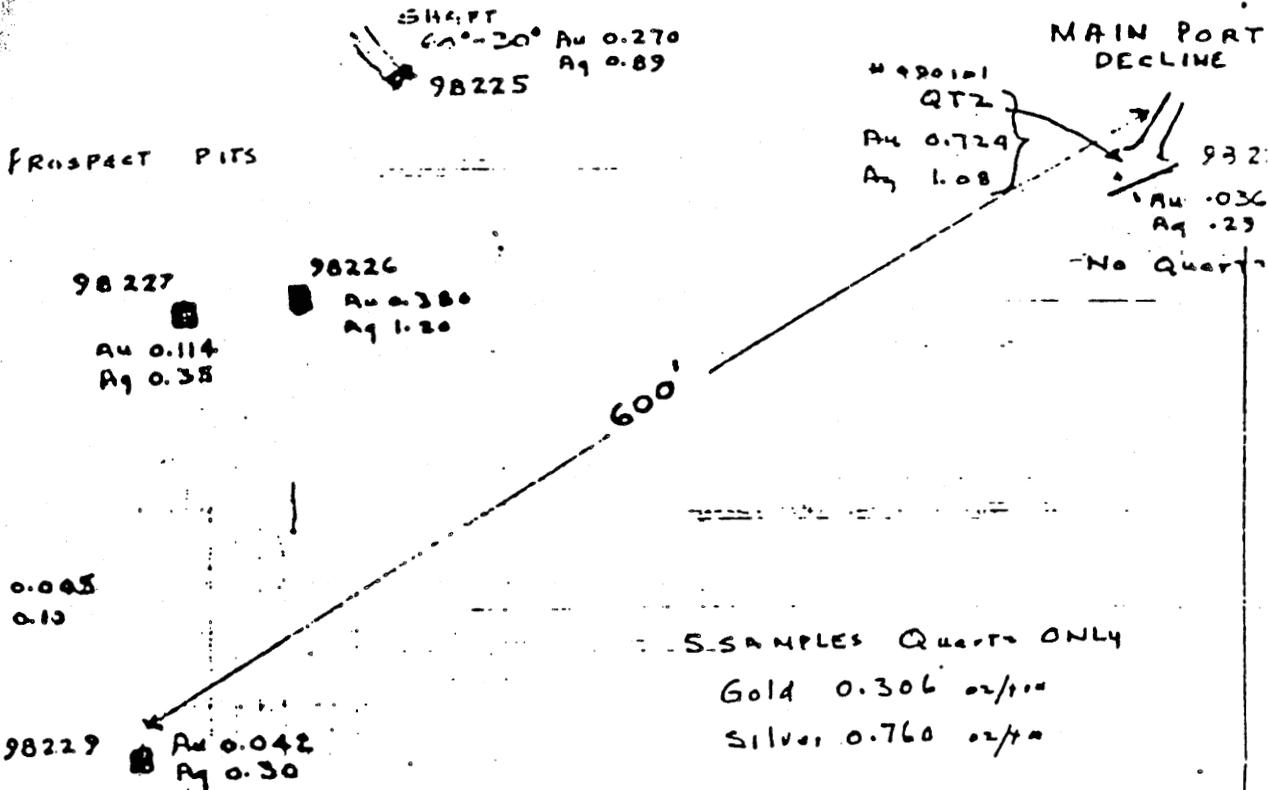
Results from Jacobs over  
phone. Mike stated he would  
rerun  $\frac{1}{4}$ " and  $-\frac{1}{4}$ " because he  
felt they might be too high

SECTION 36 TWP 13N R10W

ORGAN GRINDER

1" = 100'

11  
|  
|



<u>SILVER</u>	<u>GOLD</u>				
0.89	0.036	W.	WALL	98224	3' Footwall <del>Sample</del> - No QUARTZ
0.89	0.270		DUMP	98225	SELECT QTZ. STRS < 3"
1.20	0.380		DUMP	98226	QTZ STRS. RUSTY GRANITE
0.38	0.114		DUMP	98227	QTZ. STRS < 4"
0.10	0.005		DUMP	98228	RANDOM RED GRANITE PIECES
0.30	0.042		DUMP	98229	RANDOM QTZ. + RED GRANITE
0.52	0.141		AVERAGE.		(Bracking Q. Strs < 8" in Pit)

L.S.T.  
09. Dec. 83

SAMPLED L.S.T. 24-NOV-83  
FIRE ASSAY CHENEY LABS.  
NORTH VANCOUVER B.C.

# HIMAC RESOURCES, INC.

SUITE 508 - 475 HOWE STREET,  
VANCOUVER, B.C., CANADA  
V6C 2B3  
TELEPHONE (604) 688-6681  
TELEX 04-352848 VCR.

GMC	
RECEIVED	OCT 9 1984
FILED	BB <del>11-2</del>
TO:	1-1-20

October 4, 1984

Mr. Bernard Free,  
c/o Gerber Minerals Corp.,  
11 Tamarac Square Bldg.,  
Suite 413,  
7555 East Hampden Avenue,  
Denver, Colorado 80231

Dear Mr. Free:

Re: Rampo, Inc.,  
Big Ben Property,  
Yavapai Co., Az.

Further to our phone conversation of this date we enclose herewith one copy of the composite trench and soil sample plan (1"=50') together with a copy of the assayer's report.

This will confirm that we did not give up our option on the property because of any adverse physical conditions - we still think it deserves a good test.

We are sending the original of the map and one copy to Bill Poe and we wish both of you good luck.

Yours truly,

HIMAC RESOURCES, INC.

*L. S. Trenholme*

L. S. Trenholme  
Vice-President

LST/mgp  
encl. (2)

cc: Mr. Bill Poe,  
Rampo, Inc.

GEOCHEMICAL ASSAY CERTIFICATE

A .500 GM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.  
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : AG.  
SAMPLE TYPE : SAND  
AU\* - 10 GM, IGNITED, HOT AQUA REGIA LEACH MIBK EXTRACTION, AA ANALYSIS.

ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

NEW TYEE RESOURCES LTD

FILE # 84-0139

PAGE# 1

SAMPLE	AG PPM	AU* PPB
LO 150N	.2	5
LO 100N	.1	5
LO 50N	.1	85
LO 00S	.2	180
LO 50S	.2	10
LO 100S	.1	20
LO 150S	.1	15
LO 200S	.2	40
LO 250S	.2	5
LO 300S	.1	5
LO 350S	.1	5
LO 400S	.1	5
LO 450S	.1	5
LO 500S	.2	5
LO 550S	.1	5
LO 600S	.1	5
LO 650S	.1	5
LO 700S	.1	5

SAMPLE	AG PPM	AU* PPB
L1W 00S	.2	5
L1W 50S	.3	15
L1W 100S	.3	40
L1W 150S	.1	5
L1W 200S	.1	5
L1W 250S	.1	5
L1W 300S	.1	130
L1W 350S	.2	20
L1W 400S	.1	5
L1W 450S	.1	5
L1W 500S	.2	5
L1W 550S	.1	5
L1W 600S	.2	5
L1W 650S	.1	5
L2W 50S	.4	195
L2W 100S	.1	5
L2W 150S	.2	5
L2W 200S	.1	5
L2W 250S	.1	5
L2W 300S	.2	110
L2W 350S	.2	45
L2W 400S	.1	25
L2W 450S	.2	10
L2W 500S	.3	35
L2W 550S	.2	5
L2W 600S	.1	10
L2W 650S	.3	5
L2W 700S	.1	5

SAMPLE	AG PPM	AU* PPB
L3W 100N	.3	175
L3W 50N	.2	35
L3W 00S	.2	5
L3W 50S	.1	5
L3W 100S	.1	5
L3W 150S	.1	5
L3W 200S	.1	20
L3W 250S	.1	55
L3W 300S	.4	195
L3W 350S	.2	20
L3W 400S	.1	5
L3W 450S	.1	5
L3W 500S	.1	5
L4W 00S	.2	5
L4W 50S	.1	50
L4W 100S	.1	10
L4W 150S	.2	55
L4W 200S	.1	35
L4W 250S	.2	35
L4W 300S	.2	85
L4W 350S	.1	25
L4W 400S	.1	15
L4W 450S	.1	5
L4W 500S	.1	5
L5W 0S	.1	20
L5W 50S	.1	70
L5W 100S	.1	15
L5W 150S	.1	40
L5W 200S	.3	70
L5W 250S	.2	45
L5W 300S	.1	5
L5W 350S	.1	5
L5W 400S	.1	10
L5W 450S	.1	5
L5W 500S	.1	5

SAMPLE	AG PPM	AU* PPB
L6W 00S	.3	5
L6W 50S	.4	385
L6W 100S	1.0	480
L6W 150S	1.2	1550
L6W 200S	.5	280
L6W 250S	.3	40
L6W 300S	.2	30
L6W 350S	.3	5
L6W 400S	.3	5
L6W 450S	.2	5
L7W 00S	.2	5
L7W 50S	.2	80
L7W 100S	.2	25
L7W 150S	.4	100
L7W 200S	.1	40
L7W 250S	.1	5
L7W 300S	.2	5
L7W 350S	.2	75
L7W 400S	.2	105
L8W 00S	.3	5
L8W 50S	.1	25
L8W 100S	.2	20
L8W 150S	.2	5
L8W 200S	.1	110
L8W 250S	.3	95
L8W 300S	.1	20
L8W 350S	.1	190
L8W 400S	.2	60

ARIZONA GOLD PROSPECTS

NAME ..... Organ Grinder ..... COUNTY. Yavapai ..... DISTRICT.....

TOPO SHEET. Arrastra Mtn. N.E. SECT..2..... TWP...12 N... RANGE...10 W.....

ACCESS... 2 1/2 miles west from hwy 93  
44 miles north of Wickenburg  
Opposite Baghdad Road. ELEVATION..3,000'....

WATER...wells..nearby POWER..OK.....

Wm. Poe & Associates

Date of Visit. JAN. 29/30, '82 OWNERSHIP. Rte. #1 Downing, Mo. (816) 379-2540

DESCRIPTION Property = all of sect. 2 T12N )  
5 cl. sect. 35 T13N ) R10W  
4 cl. sect. 36 T13N )

Easy access after minor road work.  
Good topography and water available for heap leaching, etc.

~~EXPERIENCE~~

REMARKS..... Short geological reconnaissance

Coarse (feldspar) porphyritic granite cut by med grain granite and variety of felsic to basic dykes.  
In SE 1/4 Sect. 2 outcrop and backhoe trenches show mineralization over 600' diameter zone, Note N-S alignment of 5 mineralized zones.  
Trenches show steep to horizontal fractures, (some curved) with much limonite and bright red staining of quartz.

More or less random sampling of outcrops by Bill Poe has returned assays up to 0.36 oz/ton gold by A.A. analysis.

Select samples have assayed up to 1.8 oz. gold per ton.

Recommend:

Stage I: Bulldozer trenching<sup>at</sup> flanks, main showing; extensive bulk sampling  
Additional Reconnaissance and Mapping.

- 4) Irregular bodies of aplite and fine-grained granite. These are of fresh, reddish to pinkish colour; some appear to be low-angle knoll "cappings"
- 5) Pegmatite dike swarms trending E-W to WNW and essentially vertical; thickness varies from inches to tens of feet

B. Mesozoic volcanics with associated sediments generally at higher elevations and draped over very irregular paleo-topography.

#### STRUCTURE AND ALTERATION

- 1) Preliminary mapping and reconnaissance have located strong vertical faults trending NW to NNW with amount and direction of movement not determined.
- 2) On the Organ Grinder "Discovery Zone" gold-bearing quartz stringers occur in a schistose zone striking NNE and dipping SE at 20°.
- 3) On the Big Ben a similar association is seen with respect to shears striking WNW and dipping northerly. In addition, some quartz stringers have random orientations, suggesting joint fillings.
- 4) The shearing and veining are contained in a broad zone of oxide colouration extending north from the "Discovery Zone" for more than 4000 feet and achieving its maximum width and intensity on the Big Ben property.
- 5) Trenches and drill holes indicate complete oxidation of

sulphide minerals to at least 150 feet vertical depth.

- 6) The only visible gold noted to date was enclosed in quartz at the Big Ben portal.
- 7) The granite appears to be the only favourable host rock.

#### ECONOMIC POTENTIAL

1. It is postulated that one million tons grading 0.04 ounces of gold per ton within 150 feet of surface would support a profitable operation in this environment.
2. Trench sampling on the Organ Grinder gave an average grade of 0.054 oz/ton over a strike length of 450 feet where the zone was interrupted by a zone of heavily sheared and bleached granite.
3. Drilling indicates a true thickness of 10 to 15 feet. Mediocre assay results are at least partially due to intersecting dike material at the projected ore zone horizon. There is some evidence that gold values persist through the fault and that more drilling should be done to the east.
4. Of four known remaining untested alteration zones on the Organ Grider property, two have returned high values from selected samples.
5. Big Ben Property
  - a) Random samples of quartz from various dumps averaged 0.306 ounces gold per ton.

HIMAC RESOURCES LTD.  
 BIG BEN PROSPECT  
 YAVAPAI COUNTY, ARIZONA

ASSAY PLAN



Decline  
 #98225 0.270 Au  
 0.89 Ag

Main Decline  
 #090101 0.724 Au  
 1.08 Ag  
 #98224 0.036 Au  
 0.29 Ag

#98227 0.114 Au  
 0.35 Ag  
 #98226 0.380 Au  
 1.20 Ag

P I T S.

#98228 0.005 Au  
 0.10 Ag

#98229 0.042 Au  
 0.30 Ag

	<u>Average</u>	<u>Gold</u>	<u>Silver</u>
7 Samples		0.224	0.060
5 Samples (Qtz)		0.306	0.760

0 100 200 300 Feet

0 50 150 Metres

<u>Sample</u>	<u>Description</u>	<u>Gold</u> oz/ton	<u>Silver</u> oz/ton
090101	West Wall 10" Quartz	0.724	1.08
98224	West Wall 3.0' Granite	0.036	0.29
98225	Dump Random Quartz	0.270	0.89
98226	Dump Random Qtz & Granite	0.380	1.20
98227	Dump Random Qtz.	0.114	0.35
98228	Dump Random Red Granite	0.005	0.10
98229	Dump Random Qtz & Granite	0.042	0.30

- b) The oxide colour anomaly is larger and more intensive than on the Organ Grinder property.
- c) A preliminary soil sampling program has outlined a distinctly anomalous gold zone measuring approximately 400' x 800' and open to the west.
- d) Assuming that the granite host rock carries appreciable gold, an ore potential for 26,000 tons per vertical foot is indicated.

## GENERAL

### Adjoining Property

- a) New Tye has acquired by staking the greater part of 2 sections adjoining south of the Organ Grinder.
- b) New Tye has acquired a Prospecting Permit on all of Section 1 adjoining east of the Organ grinder (about 500 acres).
- c) Himac (for the Joint Venture) has acquired a Prospecting Permit for all of Section 36 not covered by the Big Ben property.

## RECOMMENDATIONS

### A. BIG BEN

- 1. Extend control grid, mapping and soil sampling
- 2. Diamond Drilling: for geological control, say 6

holes @ 200' = 1200 feet

3. Percussion Drilling: to outline ore zones, say 70 holes @ 150' = 10,500 feet
4. Reverse Circulation Holes for grade confirmation, say 30 holes @ 150' = 4,500 feet
5. Bulldozer trenching combined with drillsite preparation
6. Bench tests for leaching characteristics

B. ORGAN GRINDER

1. Establish control grid
2. Percussion drilling: to extend "Discovery Zone" and to test northern zones, 3000 feet.
3. Reverse Circulation Drilling: as warranted, say 1000 feet



July 29, 1979

Mr. Melvin H. Jones  
Box 1196  
Wickenburg, Arizona

Re: Organ Grinder Claims S.2 S.2 S.W., Sec. 36, T. 13N, R. 10W.,  
Salt River Basin Meridian, Yavapai County, Arizona.

Dear Sir:

On June 25, 1979, as per your request, I made a preliminary survey of the geology and economic minerals of the eastern part of the Organ Grinder Claims at the location described above. Additional information was gained from publications of the Arizona Bureau of Geology and Mineral Technology.

The geologic environment in the Organ Grinder Claims area appears deceptively simple. There are numerous exposures of plutonic intrusives (Yavapai Series (?)) of Precambrian (?) Age which appear to be either granite or quartz monzonite. Some of this rock is of unusual crystalline structure with phenocrysts ( $\frac{1}{4}$ " - 1") of feldspar in a coarse-grained ground mass of minerals typical of granitic-type rocks.

These phenocrysts fail to exhibit the striations generally found on at least one of the cleavage faces of oligoclase. For this reason and others (alteration debris, color), I prefer (in the absence of petrographic or spectrographic analysis) to identify the phenocrysts as orthoclase (or microcline?). Intruded into this granitic-type rock are numerous dikes or veins of fine-grained quartz, some of sufficient thickness to provide topographic expression because of their superior resistance to weathering and erosion.

To the west (as well as considerably south) of your claims are vast exposures of metamorphosed plutonic rock of unknown age (Precambrian (?)). The portion of this gneiss nearest the Organ Grinder Claims is covered with Cenozoic basalts. The same basalts extruded over large areas of granitic-type rocks north and east of the claims area. These basalts are discontinuous today but the large basalt dike which intersects the creek bed approximately 200 yards S.W. of the existing adit indicates the flows covered the entire region at some time in the past. The volcanics are probably of Late-Middle Tertiary age.

The margins of the siliceous veins in the plutonic rock are surprisingly difficult to delineate. As a result of this fact, the chip-channel sample I secured from the Adit was from a 40" vertical line which was central to and about one half the height of the adit. The sample location was approximately 30' from the portal of the 100' long adit and approximately 2' short of the end of the timbering on the left side of the adit. This sample was marked Number 1. The strike of the adit vein is N. 10° E. and the dip is approximately 15° E.

The second and third samples were taken in an exploration pit located approximately 175' N. 40° W. of the adit portal. The entire exposed section of quartzose rock (approximately 30") furnished 2 chip-channel samples. The sample from the southern end of the pit was marked Number 2. The third sample (Number 3) was taken from the N.W. side of the pit as a check on the consistency of the vein and assayer. The exposure was insufficient to establish strike and dip.

After nominal crushing and quartering, samples averaging about 12 oz. each were sent to Robert E. Craig & Co., Sun Valley, California, for fire assays for gold only. (The silver assay was done inadvertently--not at my request). I have enclosed the assayer's report.

The average assay of 0.116 oz. of gold per ton of rock is disappointing but not unexpected since this claim obviously has been investigated before. The fact that substantial values were found in all three assays, makes the Organ Grinder Claims an unusual mineralized area. If sufficient contiguous volume of gold-bearing rock can be established on the claims, a large-scale operation with ore of this value is economically feasible.

A search of the records of gold placers of Arizona, shows no successful placer mining operations in any portion of the drainage area down-stream from the Organ Grinder Claims. This suggests a study of the size of gold particles might be important in an evaluation of the claims. If free-milling gold that can be panned is present in the lode, this would be a negative indication for widespread gold mineralization.

I suggest and recommend the following:

1. Secure appropriate permits and leases from the state of Arizona. (This is a state-owned section.)
2. Map and sample all siliceous outcrops on the claims.

3. If steps 1 and 2 are encouraging, contract for limited exploration drilling.

If you have any questions concerning this report on the Organ Grinder Claims or would like a joint visit to the claims, please advise. I plan to be in Central Arizona near the end of August.

Sincerely yours,

1 Encl  
As stated

GEORGE E. FENNICK  
B.E. (Civil Engineering)  
M.S. (Geology)  
Mining Consultant

5814 Eaton Street  
Los Angeles, CA 90042

GER/lcb



Analysis No. 12329  
July 21, 1979

Samples submitted by;  
George E. Bundick  
5814 Eaton Street  
Los Angeles, California. 90042

Au - Gold .142 oz. per ton  
Ag - Silver .34 oz. per ton

SAMPLE MARK: #1 Vein Inside Adit  
= \$42.38 per ton  
= \$ 3.16 per ton

Au - Gold .097 oz. per ton  
Ag - Silver .21 oz. per ton

SAMPLE MARK: #2 Exploration Pit-S  
= \$28.95 per ton  
= \$ 1.95 per ton

Au - Gold .109 oz. per ton  
Ag - Silver .29 oz. per ton

SAMPLE MARK: #3 Exploration Pit-NW  
= \$32.53 per ton  
= \$ 2.69 per ton

Analysis and report; by  
ROBERT E. CRAIG & COMPANY

*Robert E. Craig*  
Robert E. Craig

GOLD @\$298.50 per oz.  
SILVER @\$9.30 per oz.



Box 17, Muncello, Nevada 89710

17 May 1975.

AMENDED REPORT

RECONNAISSANCE GEOLOGICAL INVESTIGATION OF THE BIG BEN GOLD CLAIMS, 47 1/2 miles NW Wickenburg, Archaean Mountains, Yavapai County, Arizona.

The undersigned, accompanied by Mr. D. D. Seely, box 74, Silver Lake, Kansas, 66539 and Mr. Henry Bain, 41711 Grand River, Novi, Michigan, 48050 (owners of the Big Ben claims), examined the nine (9) lode claims comprising the Big Ben group on February 27, 1975. Then again, visited the claims on May 1, 1975, with Mr. Seely, who was arranging to have some annual assessment work accomplished.

The claims are in Yavapai County and two(?) miles west of US highway 93 (on orite the turnoff to Pinal, Arizona). See attached map "A". The main reason for amending this report is, that the original mapping data was erroneous. Messrs. Seely and Bain spend their winters in Wickenburg, Arizona and use their spare time for prospecting. Mr. Seely, operated the Hidden Treasure mine, out of Salome, Arizona, many years ago.

The general area of the claims is Pre-Cambrian pluton granitic rocks. Some are graphic granites there, that are very interesting in that they have large phenocrysts and laths of feldspar. Some laths are several inches in length. In the mentioned formation, are faults, joints, and fissures containing auriferous bearing minerals megascopically identified as reddish feldspars, feldspars, and iron stained quartz. These minerals are much younger than the granitic rocks.

On claim, Big Ben No. 2 is an old inclined shaft dipping about 25 deg. to the North for about 200 feet and then drifting to the right about 50 feet (I am told). I am also told there is a winze therein. It was not explored by the writer, as the portal is caved in, with only a small opening. The shaft apparently follows about a 2 foot vein of reddish gold bearing quartz. Two (?) samples were taken from the portal area (see samples outlined below and map B)

The Big Ben claims generally trend to the west along Cottonwood wash and several outcrops of apparent gold bearing rock were noted. Several of these outcrops are in excess of six(6) feet in width. There are several old prospect holes on the hills on the side of the wash. Apparently these old workings are 40 or more years old. There is no evidence of recent mining operations.

Reference the Henry Bain assay reports which are attached for background information. (Exhibits C and D). The writer does not have specific information as to where each sample was obtained. All samples were "grab" samples, according to Mr. Bain:

SAMPLE ANALYSIS

Report 12-1-74  
 Report 12-31-74  
 Report 1-13-75  
 Report 1-27-75  
 Report 3-16-75 (See bank #1)

AVERAGE GRADE

.80 oz.	2.43 oz.
.42 oz.	1.29 oz.
.36 oz.	1.01 oz.
2.91 oz.	4.60 oz.
.24 oz.	.86 oz.
Average of above .95 oz.	2.05 oz.

W. Jones part owner 9-1-78

Grab sample taken by the undersigned Feb., 27, 1975 (see map Exhibit B):

#1 Composite grab sample of several small exploration pits on small hill N. of Cottonwood wash, Claim No. 8.	$\frac{Au}{.03}$ oz.	$\frac{Ag}{.03}$ oz.
#2 Grab sample on small pit on claim No. 7. Vein size obscured.	.20 oz.	.40 oz.
#3 Grab sample from 2 foot vein on inclined shaft portal, Claim No. 2.	.60 oz.	4.40 oz.
#4 Grab sample from 6 foot wide outcrop in Cottonwood wash, Claim No. 5.	.14 oz.	2.06 oz.

The average of the foregoing is: .25 oz. 1.94 oz.

Chip channel samples taken by the undersigned May 1, 1975 (see map exhibit B): (Sample location marked with white paint),

A. Inclined shaft collar sample. 2 1/2 foot vein.	$\frac{Au}{.22}$ oz.	$\frac{Ag}{1.78}$ oz.
B. Small open pit near top of small hill. 2 ft. vein. Sample from both sides of pit. Claim No. 1.	.42 oz.	1.12 oz.
C. Small pit on side of small wash. 2 foot vein. Near road. Claim No. 3.	.10 oz.	1.150 oz.
D. Cottonwood wash, n. side. 2 1/2 foot vein, claim No. 5.	.12 oz.	.48 oz.
E. Cottonwood wash, n. side. 2 1/2 foot vein, claim No. 7.	.04 oz.	.56 oz.

The average of the foregoing is: .18 oz. 1.01 oz.

It is pointed out that the above sampling, by the writer, is too limited to be conclusive, and is inadequate to determine the potential value of the claims. It confirms to a degree, the sampling assays of Mr. Bain (which were also added to this report).

There is minor copper on the property, in a sporadic pattern, but insufficient to be of commercial value at today's prices. There is also minor silver as the above assays indicate.

From the cursory examination of the claims, as outlined above, the claims have much merit as a potential gold producer. While not so indicated by the above assays, the undersigned is of the opinion that claims nos. 7 and 8 merit more investigation as a possible large body of ore.

Recommend painstaking channel cut sampling, mapping of ore outcrops, followed by a drilling program.

*Melvin H. Jones*  
 MELVIN H JONES  
 Mining Geologist.

Box 406  
 Wickenburg, Arizona. 85358

25 February 1980.

MEMORANDUM FOR THE RECORD.

Organ Grinder Gold claims, <sup>North, Inc</sup> ~~Mustang~~ Mountains, <sup>Y30.1721</sup> Mojave County, S. of Wickieup, Arizona near Santa Maria river. Secs. 35-36. T-13-N, R-10-W, SR B&M.

This is to confirm other reports, and information, on the above mentioned gold claims. These claims contain Au veins in hard rock. Ore samples were taken by Henry Bains (Circle City, Arizona) and the writer, on January 3, 1980. Mr. Francis Campbell (Circle City, Az.) accompanied the samplers.

Samples and assay results follow (See Incls. #1 and #2):

Sample #1. Chip Channel cut of vein at portal of Adit. Assay Report gives 0.37 Oz. per ton Au. At today's prices, this ore is valued at \$238.65 per ton.

Sample #2. Composite grab sample of outcrop on claims some distance to the West of Sample #1 (along high ridge). Assay report shows 0.48 oz. per ton Au. At today's prices this is valued at \$309.60 per ton of ore.

Sample #4. Grab sample from outcrop to the South of Sample #1. Report shows 0.65 oz. Au per ton. At today's prices this ore is valued at \$419.25 per ton.

The above samples were taken by Mr. Bains.

Sample "Cottonwood W." was taken by the writer, from silicious outcrops (stained brown by small amounts of ferric iron). This was a composite sample taken from Cottonwood wash, below the claims to the South. The assay showed only a trace of Au.

The Organ Grinder claims merit extensive additional exploration

1601 Sandhill Rd. #36  
Las Vegas, Nev. 89104  
ph. 452 2175

# Arizona Testing Laboratories

817 West Madison • Phoenix, Arizona 85007 • Telephone 254-6181

For Mr. Henry Bain  
Post Office Box 297  
Morristown, AZ. 85342

Date January 16, 1980

## ASSAY CERTIFICATE

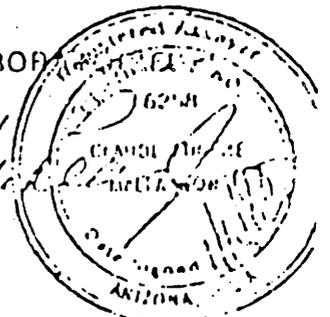
LAB NO.	IDENTIFICATION	OZ. PER TON		PERCENTAGES			
		GOLD	SILVER	COPPER			
3777	#1	0.37					
	#3	0.48					
	#4	0.65					

Respectfully submitted,

ARIZONA TESTING LABORATORIES

*Claude E. McLean, Jr.*

Claude E. McLean, Jr.







PREDOMINATELY LIGHT GRAYED  
PORPHYRY-ALTA QUARTZ  
Fe, SPAN OXIDE

PREDOMINATELY LIGHT  
GRAYED LAMINAR QUARTZ,  
SMALL PORPHYRY-ALTA

TRINCH 10'

PREDOMINATELY FINE TO  
MEDIUM GRAYED GRANITE

TRINCH 10'

NEW TYPE RESOURCES LTD

ORGAN GRINDER GOLD PROPERTY

Section 2, T12N, R11W  
Tussock County, Ontario

GEOLOGY & ASSAY MAP

Scale: 1" = 50' or 1:500

Geology by: D.A. Johnson, P. Eng.

Copyright © 1977, New Type Resources Ltd.



CADAN BRIDGE, YAVAPAI CO., ARIZONA

SUMMARY OF ROTARY DRILLING - JANUARY 1934

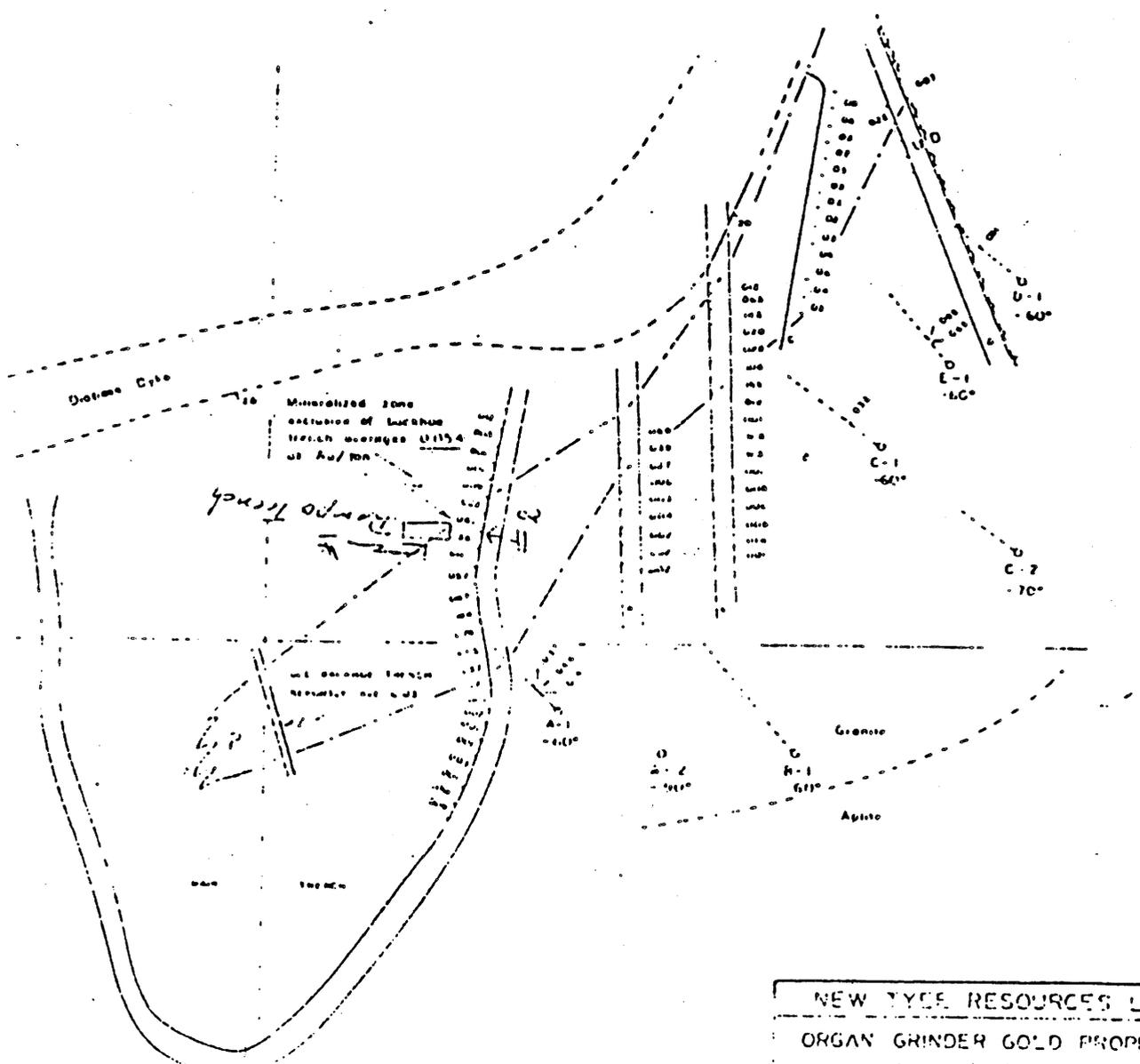
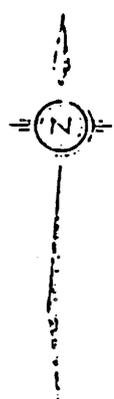
No.	Collar Co-ordinates			Bearing	Dip	Depth Feet	Inter-Sections	Assays oz/ton Gold (F.A. + A.A.)		Remarks All 1 Assay Ton
	North	East	Elev.					Lab A	Lab B	
1-1	2162	2167	2838	N45°W	-60°	160'	25-30 30-35 35-40	.009 .027 .022	.014 .044 .037	.031 15' In Dike
1-2	2138	2225	2837	-	-90°	125'	70-75 75-80 80-85	.015 .079 .069	.010 .006 .003	* 30-45 Dike * 85-100 Dike
1-1	2140	2237	2836	N40°W	-60°	165'	85-90 80-85	.001 <.001	.003 .001	Dike -40' to + 50' Dike 90 - 110
1-1	2125	2344	2893	N53°W	-60°	160'	40-45 45-50	.007 .025	.011 .032	No Dike
1-2	2145	2422	2894	N53°W	-70°	120'	105-110	<.001	-	60-65 Dike not checked
1-1	2212	2420	2898	N50°W	-60°	105'	60-65	.031	.051	8 -22 Dike
1-1	2163	2280	2887	N40°W	-60°	115'	35-40 55-60	.029 .074	.069 .098	No Dike

Lab "A" is North American Assay Co., Tempe, Arizona

Lab "B" is Pure Analytical Laboratories, Vancouver, B.C.

Total rejects shipped from Lab "A" to Lab "B" (Selected Samples) - Average 19 lb. per Sample.

Some samples to be re-run by Pure



Scale:  
1 inch to 100 feet

NEW TYCE RESOURCES LTD  
ORGAN GRINDER GOLD PROPERTY  
Section 2, T12N, R10W  
Teton County, Montana

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DRILL HOLE & ASSAY MAP

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Scale: 1" = 100'

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Geology by D.A. Howard & Co.

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EDM GEMANNMENT LTD

ORGAN GRINDER DRILL HOLES

JANUARY - 1984

SAMPLES retained for Bill Poe at his request for further testing;  
remainder to be discarded.

Gold Assays (F.A. + A.A.)

Hole	From	To	North American		Acme
			P.P.M	oz/ton	oz/ton
A-1	25	30	0.33	0.009	0.014
	30	35	0.93	0.027	0.044
	35	40	0.77	0.022	0.037
C-1	45	50	0.85	0.024	0.032
	60	65	0.01	-	0.001
D-1	60	65	1.08	0.031	0.051
	30	35	0.01	-	-
E-1	55	60	2.54	0.074	0.088
	30	35	0.01	-	-
*A-2	70	75	0.51	0.015	
	75	80	2.73	0.079	
	80	85	2.33	0.069	
*B-1	90	95	0.93	0.0003	
	95	100	0.93	0.0003	

*L. S. Greenhalgh*

\*North American shipping these to Bill Poe in Vancouver January 1984

Complete



WICKIEUP - US HWY 93

Placerville

26

Fed. Sec.

State Sec.

34

35

Cottonwood

A-35

T 13  
T 12

Spring

ROAD

State Sec.

Canyon

36

1,80

Negro B'n  
Pvt

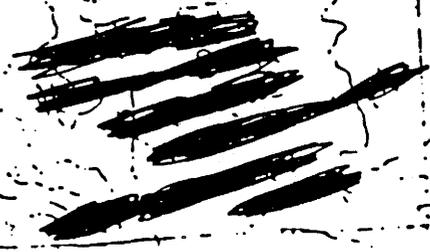
ORGAN-GRINDER CLAIM

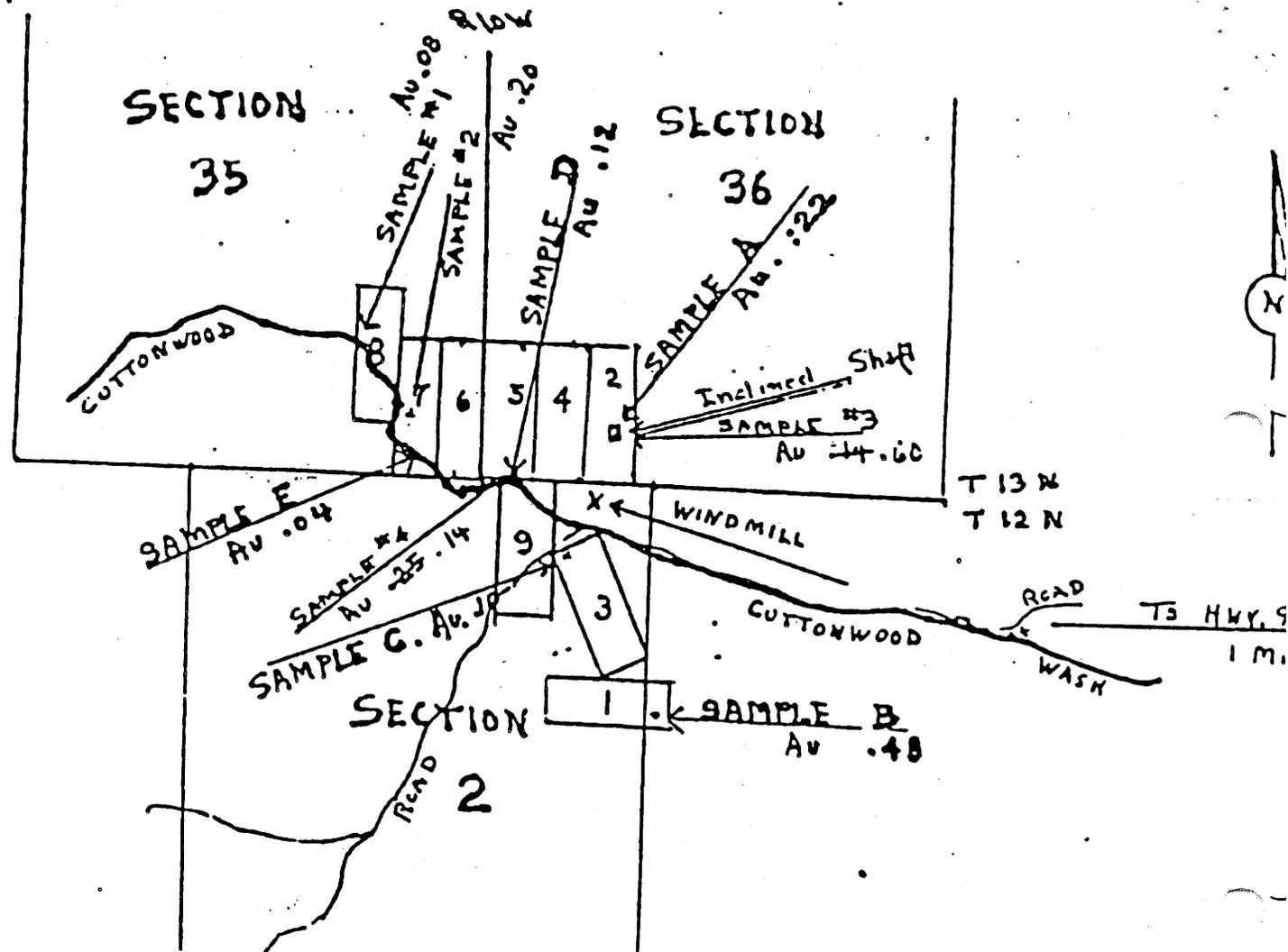
Yavapai County

ARIZONA

Negro B  
Spr.

Spring  
Peoples





# BIG BEN CLAIMS

Approx. Locations

showing Sampling (initial)

B

NEW TYEE RESOURCES, INC.  
STATEMENT OF EXPENSES - ORGAN GRINDER PROPERTY  
JANUARY, 1984

Assay	\$ 2,178.25
Consulting	3,124.27
Supplies, Maps, Telephone	405.70
Labour	475.00
Rental 4W.D.	1,017.46
Motel & Meals	461.17
Travel	450.00
Drilling	10,000.00*
Site Preparation	2,305.00
Total Property Development	<hr/> 20,416.82
Advance Royalty, February	1,000.00
TOTAL EXPENDITURES for January, 1984	<hr/> <hr/> 21,416.82

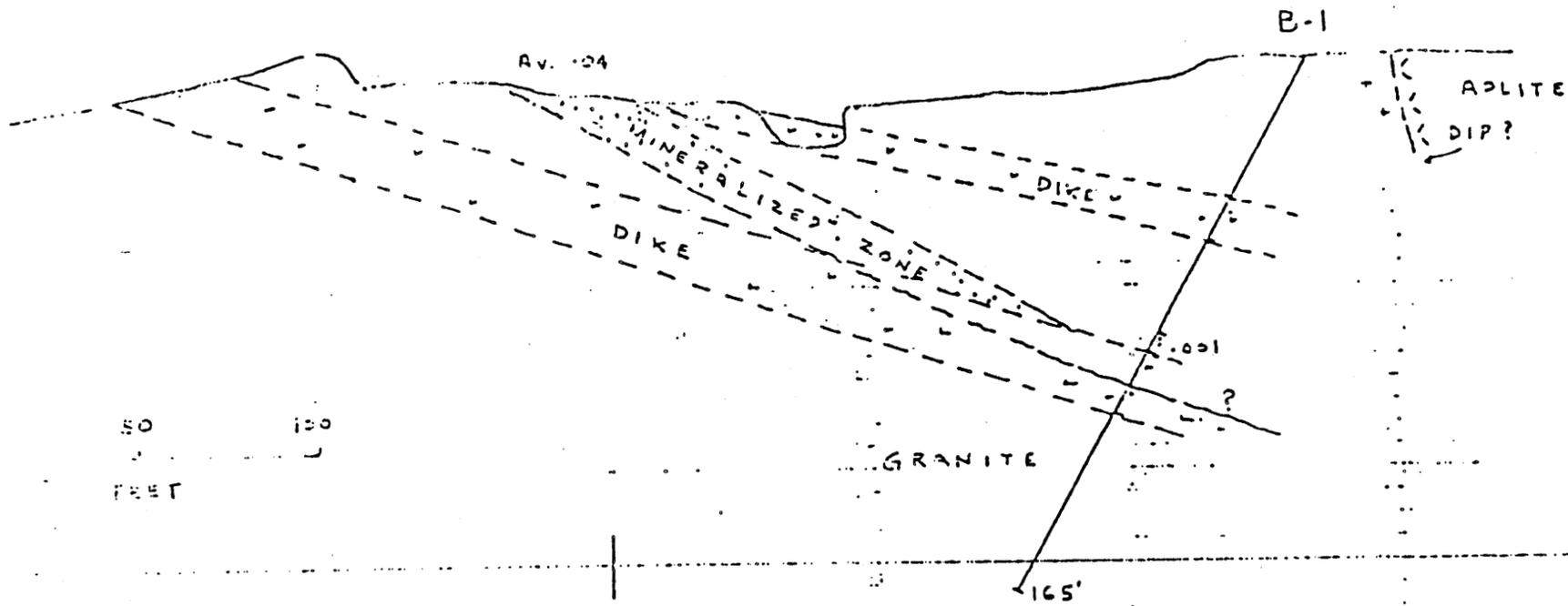
\* Possible small refund

STATEMENT OF EXPENSES - ORGAN GRINDER PROPERTY  
TO DECEMBER 31, 1983

Assay	\$ 1,380.00
Consulting	8,802.00
Crew Costs	1,400.00
Field Supplies	126.90
Maps and Reports	63.04
Miscellaneous	332.98
Transportation, Truck Rental and Operating Expenses	2,085.98
Travel and Accommodation	2,907.00
Trenching	5,675.00
	\$22,773.92
Total Property Development Expenses	\$22,773.92
Advance Royalties - October 1983 to January, 1984	4,000.00
Payments on acquisition per agreement	5,000.00
Legal Costs of acquisition (September, 1983)	400.00
	\$32,173.92
Total Expenditures	\$32,173.92



N 40° W



SECTION B  
Rotary Reverse Circulation  
Drill Holes  
January - 1984

New Tycce Resources, Inc.  
Organ Grinder Option  
S.E. ¼ Sect. 2, Twp. 12N R10W  
Yavapai County, Ariz.  
Assays: oz. gold/ton - feet

2100 E

STATE LAND DEPARTMENT OF THE STATE OF ARIZONA  
BEFORE THE STATE LAND COMMISSIONER

*Buyer*

IN THE MATTER OF STATE LAND DEPARTMENT )  
LAND TRANSFER TO THE BUREAU OF LAND )  
MANAGEMENT, THE STATE TRUST LAND )  
DESCRIBED IN EXHIBIT A, ATTACHED. )

CLASSIFYING AND CLOSING  
STATE LAND TO NEW APPLICATION

NOTICE IS GIVEN that the State Land Commissioner has determined that the lands described in Exhibit A, attached, should be classified as suitable for exchange with the Bureau of Land Management.

IT IS, THEREFORE, THE ORDER OF THE STATE LAND COMMISSIONER that the land described in Exhibit A, attached, be, and the same is hereby classified as suitable for exchange with the Bureau of Land Management.

IT IS FURTHER ORDERED that effective at 8:00 a.m. on the date of this Order, no applications will be accepted for surface or sub-surface leases, permits, sales or exchanges, except renewal applications, and oil and gas exploration leases, until further Order of the State Land Commissioner.

This Order shall become final and effective thirty (30) days from the date of this Order unless a request for hearing or review is filed prior to the expiration of that time pursuant to State Land Department Rule R12-5-01(R).

GIVEN under my hand and the official seal of the Arizona State Land Department this 8th day of October, 1986.

ROBERT K. LANE  
State Land Commissioner

by: *Gerald L. Smith*

STATE  
LAND  
DEPARTMENT  
SEAL

- Copy to: Attorney General's Office, Natural Resources Division
- Board of Appeals
- Federal Exchange Unit
- Public Notice Board
- Public Counter
- Hydrology Section
- Data Management
- Range Section
- Minerals

Appeal of this Order may be made to the State Land Commissioner, attention: Director, Contracts and Records Division.

Arizona  
State Land Department  
1624 WEST ADAMS  
PHOENIX ARIZONA 85007

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1	Certified No. 404863	John W. Peters 3711 East Superior Phoenix, Arizona 85040
2	Certified No. 404864	Sam Steiger 3250 Burro Drive Prescott, Arizona 86301
3	Certified No. 404865	APS P.O. Box 21666 Phoenix, Arizona 85036
4	Certified No. 404866	ADOT 205 South 17th Avenue Phoenix, Arizona 85007
5	Certified No. 404867	Loren N. DeRosier 16825 West Yuma Road Goodyear, Arizona 85338
6	Certified No. 404868	Alberta Wagner 707 East University Mesa, Arizona 85203
7	Certified No. 404869	Ethel Eunice Conley attn: C.J. Vincent 4522 East Cortez Street Phoenix, Arizona 85028
8	Certified No. 404870	A-Tumbling T. Ranches P.O. Box 1509 Goodyear, Arizona 85338
9	Certified No. 404871	Jim & Sandra Weatherford P.O. Box 547 Laveen, Arizona 85339
10	Certified No. 404872	Robert & Lois Millican 8711 East Pinnacle Peak, #197 Scottsdale, Arizona 85255
11	Certified No. 404873	John P. Anderson P.O. Box 1285 Wickenburg, Arizona 85358
12	Certified No. 404874	Charles & Mary Urrea Box 205 Wenden, Arizona 85357
13	Certified No. 404875	L. David Ekvall P.O. Box 765 Wickenburg, Arizona 85358

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- Certified No. 404876 Ohaco Sheep Co., Inc.  
Rt. 2, Box 108  
Buckeye, Arizona 85326
- Certified No. 404877 Patricia H. Rodgers  
and Olea Dora June  
P.O. Box 553  
Wickenburg, Arizona 85358
- Certified No. 404878 Phoenix Agro Invest. Inc.  
6560 North Scottsdale Road, Ste. G-208  
Scottsdale, Arizona 85253
- Certified No. 404879 Virginia A. Rose  
Eagle Eye Ranch  
Box 158  
Aguila, Arizona 85320
- Certified No. 404880 Simplot - Az. Cattle Co.  
P.O. Box 27  
Boise, Idaho 83704
- Certified No. 404881 Thomas and Iris Bonar  
P.O. Box 102  
Aguila, Arizona 85320
- Certified No. 404882 W. Carter Gable  
P.O. Box 150  
Arlington, Arizona 85322
- Certified No. 404883 Espil Sheep Co.  
c/o Edward E. Williams, Atty.  
444 West Camelback Road, S-303  
Phoenix, Arizona 85013
- Certified No. 404884 Catherine A. Stevens  
P.O. Box 650  
Congress, Arizona 85332
- Certified No. 404885 B. J. Farms  
c/o Wayne A. Smith  
3300 North Central Avenue, #1800  
Phoenix, Arizona 85012
- Certified No. 404886 Crowder-Weisser Cattle  
902 West Monte Vista  
Phoenix, Arizona 85007
- Certified No. 404887 TransAmerica Title TR. 5553  
c/o Continental Service Corp.  
P.O. Box 500  
Phoenix, Arizona 85001

1 Certified No. 404888 1st Interstate Bank  
c/o 1st Interstate Bank of AZ  
2 P.O. Box 53435  
Phoenix, Arizona 85072

3 Certified No. 404889 Maverick Cattle Co.  
4 P.O. Box 702  
Peoria, Arizona 85345

5 Certified No. 404890 Wm. Howard O'Brien  
6 4350 East Camelback Road, Ste. 120B  
Phoenix, Arizona 85018

7 Certified No. 404891 M. S. Horne  
8 c/o Edward Cudahy, Jr.  
3033 North Central Avenue, #707  
9 Phoenix, Arizona 85012

10 Certified No. 404892 The Fullmer Company  
22632 East Golden Spring, Ste. 280  
11 Diamond Bar, California 91765

12 Certified No. 404893 Elladeen Bittner, et al  
13 P.O. Box 128  
Congress, Arizona 85332

14 Certified No. 404894 Harcuvar Cattle Co.  
15 c/o Ronald D. Hall  
Box 147  
Aguila, Arizona 85320

16 Certified No. 404895 International Rogersol  
17 c/o Warren C. Gable  
Box 150  
18 Arlington, Arizona 85322

19 Certified No. 404896 Francis E. Gilsdorf  
1045 North 24th Street  
20 Phoenix, Arizona 85008

21 Certified No. 404897 Palomas Ranch  
c/o James Stewart Co.  
22 3033 North Central Suite 707  
Phoenix, Arizona 85012

23 Certified No. 404898 Artex Ranch  
24 attn: Ward C. Mikkelson  
128 East Katella Avenue S-3  
25 Orange, California 92667

26 Certified No. 404899 James Stewart Co., DBA Palomas Ranch  
3033 North Central Avenue  
27 Phoenix, Arizona 85012

28

- 1 Certified No. 404900 Anavisca Land/Cattle  
951 Bell Avenue  
Yuma, Arizona 85364
- 2
- 3 Certified No. 404901 C. L. and E. M. Wolfswinkel  
1855 East Southern  
Mesa, Arizona 85204
- 4
- 5 Certified No. 404902 First American Title  
c/o Head & McCoy TR 1347  
3500 North Central Avenue #224  
Phoenix, Arizona 85012
- 6
- 7 Certified No. 404903 Wm. and Nannette Aker  
P.O. Box 1633  
Wickenburg, Arizona 85358
- 8
- 9 Certified No. 404904 Jack K. Kleine  
P.O. Box 2310  
Wickenburg, Arizona 85358
- 10
- 11 Certified No. 404905 Warren C. Gable  
Box 150  
Arlington, Arizona 85322
- 12
- 13 Certified No. 404906 Earl H. Billingslea  
and Frederica Billingslea  
P.O. Box 630  
Wickenburg, Arizona 85358
- 14
- 15
- 16 Certified No. 404907 Marion Woolf, et al  
1419 North 44th Street  
Phoenix, Arizona 85008
- 17
- 18 Certified No. 404908 Dudley Davis, Mining Consultant  
8023 Calle De La Plata  
La Jolla, California 92037
- 19
- 20 Certified No. 404909 Bruce Alsup  
Box 145  
Wenden, Arizona 85357
- 21
- 22 Certified No. 404910 Henry Bain & Anna Marie Jones  
P.O. Box 1196  
Wickenburg, Arizona 85358
- 23
- 24 Certified No. 404911 Kent D. Miller  
12431 North 65th Street  
Scottsdale, Arizona 85254
- 25
- 26 Certified No. 404912 Jane P. Wald  
139 West 2nd Street, Suite 200  
Casper, Wyoming 82601
- 27
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Certified No. 404913 Jack Lake  
18832 North 32nd Avenue  
Phoenix, Arizona 85027

Certified No. 404914 Elmo L. Pateet  
P.O. Box 27  
Farmington, New Mexico 87499

Certified No. 404915 Robert L. Clayton  
4449 East Monte Vista  
Tucson, Arizona 85712

Certified No. 404916 Mahlon L. Gerrow  
4211 East Aquarius Drive  
Tucson, Arizona 85712

Certified No. 404917 Ana Maria & Melvin Jones  
P.O. Box 1196  
Wickenburg, Arizona 85358

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Certified No. 404918 Jerry Lee Jones  
c/o D. K. Martin & Assoc.  
4728 North 21st Avenue  
Phoenix, Arizona 85015

Certified No. 404919 Maurice James  
c/o D. K. Martin & Assoc.  
4728 North 21st Avenue  
Phoenix, Arizona 85015

Certified No. 404920 Mobile Mining  
2916 North 7th Avenue  
Phoenix, Arizona 85013

X

Copy to: Southern Pacific Pipeline  
610 South Main Street  
Los Angeles, California 90014

TRC Resources  
c/o Sawyer Consultants  
675 West Hastings Street, Ste. 1201  
Vancouver, B.C., Canada V6B 1N2

X

American Tel & Tel Co.  
P.O. Box 121  
Pleasanton, California 94566

Bureau of Reclamation  
Region 3  
Boulder City, Nevada 89005

U.S. Telecom Inc.  
Park View Plaza, Suite 230  
1121 East 3900 South  
Salt Lake City, Utah 84124

EXHIBIT A

	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SECTION</u>	<u>LEGAL</u>	<u>ACRES</u>
1	5N	6W	31	Lots 1 - 4; E2; E2W2	639.48
2	6N	6W	6	Lots 1 - 9; S2NE; SENW	358.58
3	1N	7W	36	SW	160.00
4	4N	7W	16	A11	640.00
5			36	A11	640.00
6	5N	7W	2	Lots 1 - 4; S2N2; S2	641.12
7			10	A11	640.00
8			11	A11	640.00
9			14	A11	640.00
10			15	A11	640.00
11			16	A11	640.00
12			32	A11	640.00
13			36	A11	640.00
14	6N	7W	2	Lots 1 - 4; S2N2; S2	686.00
15			3	Lots 3 and 4; SENW; NESW; SWNW; W2SW	302.70
16			4	Lots 1 - 4; S2N2; S2	684.48
17			5	Lots 1 - 4; S2N2; S2	682.36
18			16	A11	640.00
19			32	A11	640.00
20			36	A11	640.00
21	1N	8W	36	A11	640.00
22	3N	8W	32	SESE Less CAP	40.00
23	4N	8W	2	Lots 1 - 4; S2N2; S2	581.92
24			4	Lot 1; SENE	65.98
25			16	A11	640.00
26			32	A11	640.00
27					
28					

	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SECTION</u>	<u>LEGAL</u>	<u>ACRES</u>
	5N	8W	2	Lots 1 - 4; S2N2; S2	640.56
1			16	A11	640.00
2			22	N2N2; SENE; E2SE	280.00
3			32	A11	640.00
4			36	A11	640.00
5	6N	8W	16	A11	640.00
6			20	A11	640.00
7			32	A11	640.00
8			36	A11	640.00
9	11N	8W	6	That Portion Swly of Hwy 93	36.00
10			7	That Portion Swly of Hwy 93	276.08
11			8	That Portion Swly of Hwy 93	89.00
12			17	That Portion Swly of Hwy 93	511.00
13			18	Lots 1 - 8	291.20
14			19	Lots 1 - 8	290.12
15			20	N2	320.00
16			21	NW Swly of Hwy 93	53.00
17	6N	9W	2	Lot 4; SWNW; SW; S2SE	321.96
18			5	Lots 1 - 4; S2N2; S2	654.16
19			6	Lots 1 - 7; S2NE; SENW; E2SW; SE	647.42
20			7	Lots 1 - 4; E2; E2W2	635.52
21			8	A11	640.00
22			16	A11	640.00
23	8N	9W	2	Lots 1 - 4; S2	525.32
24	9N	9W	16	A11	640.00
25			32	Lots 1 - 10; E2E2; NWNW; SWSW; SWSE	541.18
26					
27	10N	9W	16	A11	640.00
			18	E2	320.00
28			32	A11	640.00

	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SECTION</u>	<u>LEGAL</u>	<u>ACRES</u>
	11N	9W	1	That Portion Swly of Hwy 93	585.04
1			2	Lots 1 - 4; S2N2; S2	639.64
2			11	A11	640.00
3			12	A11	640.00
4			13	E2; E2NW; SWNW; SW	600.00
5			14	A11	640.00
6			16	A11	640.00
7			23	NE	160.00
8			24	N2	320.00
9			30	Lots 1 - 4; E2; E2W2	638.72
10			32	A11	640.00
11	12N	9W	5	That Portion Swly of Hwy 93	10.39
12			6	That Portion Swly of Hwy 93	387.31
13			7	Lots 1 - 4; E2; E2W2	627.04
14			8	That Portion Swly of Hwy 93	404.60
15			16	That Portion Swly of Hwy 93	371.55
16			17	A11	640.00
17			18	Lots 1 - 4; E2; E2W2	626.00
18			19	Lots 1 - 4; E2; E2W2	625.20
19			20	A11	640.00
20			21	A11	640.00
21			26	That Portion Swly of Hwy 93 except Patent	213.11
22			27	W2NW; S2	400.00
23			28	A11	640.00
24			29	Lots 1 - 6; NENE; W2W2; SESW; SWSE	593.72
25			30	Lots 1 - 4; E2; E2W2	626.16
26					
27					
28					

	<u>TOWNSHIP</u>	<u>RA</u>	<u>SECTION</u>	<u>LEGAL</u>	<u>ACRES</u>
1	12N	9W	31	Lots 1 - 4; E2; E2W2	629.00
2			32	A11	640.00
3			33	A11	640.00
4			34	A11	640.00
5			35	That Portion Swly of Hwy 93	609.27
6			36	That Portion Swly of Hwy 93	154.32
7	13N	9W	31	That Portion Swly of Hwy 93	331.48
8	3N	10W	2	Lots 1 - 4; S2N2; S2	639.52
9			4	Lots 1 - 4	158.40
10	5N	10W	36	NESW	40.00
11	9N	10W	19	Lots 1 - 4; E2; E2W2	603.76
12			29	A11	640.00
13			30	Lots 1 - 4; E2; E2W2	603.92
14	10N	10W	2	SWNE; S2NW; S2	440.00
15			16	SESW	40.00
16			32	S2	320.00
17			36	A11	640.00
18	11N	10W	2	Lots 1 - 4; S2N2; S2	640.96
19			3	Lots 1 and 2; S2NE	159.55
20			16	A11	640.00
21			36	A11	640.00
22	12N	10W	1	Lots 1 - 4; S2	491.32
23			2	Lots 1 - 4; S2	490.44
24			3	Lots 1 - 4; S2	489.12
25			4	Lots 1 - 4; S2	487.28
26			5	Lots 1 - 4; S2	485.40
27			6	Lots 1 - 4; S2	241.95
28			10	E2	320.00

	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SECTION</u>	<u>LEGAL</u>	<u>ACRES</u>
	12N	10W	11	A11	640.00
1			12	A11	640.00
2			13	A11	640.00
3			24	E2	320.00
4			25	E2	320.00
5			34	N2; SW; N2SE; SWSE	600.00
6			35	A11	640.00
7			36	NE; S2NW; S2	560.00
8	13N	10W	32	A11	640.00
9			33	A11	640.00
10			34	A11	640.00
11			35	A11	640.00
12			36	A11	640.00
13	2N	11W	32	N2; SW; NWSE	520.00
14			36	N2; SW; E2SE	560.00
15	5N	11W	2	SE	160.00
16			16	Lots 1 - 5; NE; N2NW; SWNW	446.39
17	6N	11W	3	NWNW	40.00
18			5	E2; SW	480.00
19	7N	11W	2	Lots 1 - 4; S2N2; S2	640.00
20			9	A11	640.00
21			16	A11	640.00
22			26	W2	320.00
23			35	NW	160.00
24	8N	11W	2	Lots 1 - 4; S2N2; S2	525.12
25			16	A11	640.00
26			32	A11	640.00
27			36	A11	640.00
28					

	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SECTION</u>	<u>LEGAL</u>	<u>ACRES</u>
	9N	11W	16	SESE	40.00
1			24	A11	640.00
2			25	A11	640.00
3			32	Lots 1 - 4; N2; N2S2	642.08
4			36	Lot 4; N2	361.10
5	10N	11W	2	S2N2	160.00
6	11N	11W	13	N2	320.00
7	2N	12W	2	Lots 1 - 4; S2N2; N2SW; SWSW	439.24
8	6N	12W	2	SESE	40.00
9			11	E2SW	80.00
10	7N	12W	16	A11	640.00
11			36	A11	640.00
12	8N	12W	32	A11	640.00
13	1N	13W	2	Lot 1	39.90
14			16	N2; SW	480.00
15			36	N2	320.00
16	8N	13W	36	A11	640.00
17	10N	13W	16	SENW; SW	200.00
18	1N	14W	36	NWSE; S2SE	120.00
19	2N	14W	36	N2; S2SW	400.00
20	3N	14W	36	W2NE; NW; S2	560.00
21	4N	14W	16	A11	640.00
22	5N	14W	33	A11	640.00
23	7N	14W	36	NWNE; NW; E2SW; SE	440.00
24	9N	14W	2	Lots 1 - 4; S2N2; S2	634.20
25			32	NW; N2SW	240.00
26	5N	15W	2	Lots 1 - 4; S2N2; S2	622.16
27					
28					

	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SECTION</u>	<u>LEGAL</u>	<u>ACRES</u>
	6N	15W	27	E2; E2NW; NWNW	440.00
1			34	NE; E2SE	240.00
2			36	E2	320.00
3	9N	15W	2	Lots 1 - 4; S2N2; S2	639.16
4	4N	16W	36	A11	640.00
5	5N	17W	16	Lots 1 - 6; SENE; W2NW; S2	575.82
6			32	SWSW	40.00
7	6N	17W	32	N2	320.00
8	3N	18W	2	Lots 1 - 4; S2NE; SWSW; E2SE	358.96
9	4N	18W	36	N2; SESE	360.00
10	5N	18W	36	SESE	40.00
11	7S	3E	16	A11	640.00
12			36	E2SE	80.00
13	8S	3E	16	A11	640.00
14	8S	2E	32	A11	640.00
15	3S	1E	2	Lots 1 - 4; S2N2; S2	641.92
16	7S	1E	7	N2NE	80.00
17			27	SE	160.00
18	9S	1E	16	A11	640.00
19	4S	1W	22	W2NW	80.00
20	3S	2W	4	Lots 1 and 2; S2NE; S2	480.19
21	2S	5W	32	A11	640.00
22	13S	6W	36	A11	640.00
23	1S	8W	2	Lots 1 - 4; S2N2; S2	647.64
24			26	A11	640.00
25			32	W2; W2SE; NENE; E2SESE; S2NE; W2NESE; SENESE	570.00
26					
27	4S	8W	2	Lots 1 - 4; S2N2; S2	639.20
28			32	W2	320.00

	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SECTION</u>	<u>LEGAL</u>	<u>ACRES</u>
	5S	8W	4	NWSW	40.00
1			5	NESE	40.00
2			36	Lots 1 - 4; NWNW; S2NW; N2S2	444.48
3	4S	9W	2	All	640.00
4			4	S2	320.00
5			9	All	640.00
6			10	All	640.00
7			32	Lots 1 - 3; N2; NWSW; N2SE	572.84
8	5S	9W	32	All	640.00
9	6S	9W	4	SWNW; NWSW	80.00
10			5	Lots 1 - 4; S2N2; N2S2; SESW	491.28
11			36	All	640.00
12	1S	10W	16	E2SE	80.00
13			19	Lots 3 and 4; SE; E2SW	312.70
14			30	Lots 1 - 3; NE; E2NW; NESW; N2SE	469.16
15					
16	7S	10W	16	All	640.00
17			36	Lots 1 - 4; W2E2; W2	640.40
18	1S	11W	1	SW	160.00
19			2	SE	160.00
20			3	Lots 1 - 4; S2N2; S2	601.60
21			4	Lots 1 - 4; S2N2; S2	601.36
22			5	Lots 1 - 4; S2N2; S2	601.12
23			24	SE	160.00
24			25	N2; N2S2	480.00
25			26	S2N2; N2S2	320.00
26	3S	11W	17	SW	160.00
27			18	E2	320.00
28			19	E2	320.00

	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SECTION</u>	<u>LEGAL</u>	<u>ACRES</u>
1	3S	11W	20	W2NE; NW; S2	560.00
2			30	Lots 1 - 4; E2; E2W2	547.56
3	2S	12W	16	NW; S2	480.00
4			17	A11	640.00
5			20	NE	160.00
6			21	W2NW; SENW; SW	280.00
7	4S	12W	23	E2; E2W2	480.00
8			26	E2	320.00
9			25	Lots 2 - 4; NE; E2NW; NESW; N2SE	484.98
10	1S	14W	16	SESE	40.00
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Big Bend Gold (P) /  
Yavapai Co. *[Signature]*

GERBER MINERALS CORPORATION

PROJECT REPORT

by: Dr. B. Free

RECEIVED  
JUL 15 1985  
DEPT. MINERAL RESOURCES  
PHOENIX, ARIZONA

Denver, Colorado

November 6, 1984

Big Bend Gold Property

Yavapai County, Arizona

ARIZONA DEPT. OF MINES & MINERAL RESOURCES  
STATE OFFICE BUILDING  
416 W. CONGRESS, ROOM 161  
TUCSON, ARIZONA 85701

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## SUMMARY

The Big Bend gold prospect is located 45 miles north of Wickenburg, Arizona, a short distance to the west of a major highway and major power line.

Gold and associated silver occurs in quartz veinlets and fractures of volcanics, but mainly in a highly sheared Precambrian granite. Strong oxidation alteration envelopes the gold/silver mineralization.

The prospect was in an early stage of ore development and exploration during 1983 and the first half of 1984 by the Himac/New Tye joint venture of Vancouver, Canada when the venture was forced to terminate its option due to cessation of funding.

Indicated and potential gold/silver ore at an average grade of 0.05 oz. Au/ton and 1.2 oz. Ag/ton occurs on surface and in drill holes in the oxidized host rocks predisposed to heap leaching. The naturally fractured and jointed host rock may not require blasting and may yield direct pad-feed ore.

A potential of several million tons of ore is indicated. One laboratory column leach test indicated gold recovery to be over 70%.

The Big Bend property is now controlled by Gerber Minerals Corporation.

## INTRODUCTION

The property was first visited by this writer in May, 1984 while it was still under option to the Himac/New Tye joint venture.

An offer by Gerber Minerals to farm-in was disregarded by the joint venture, apparently for lack of interest in ownership dilution.

The joint venture was then in the midst of a fairly extensive drilling and surface work program with encouraging results. These results were enhanced by the discovery of a large geochemical gold anomaly in soils a short distance away from the original "discovery zone".

When, due to a sudden and unexpected withdrawal of the joint venture, the property reverted to the owner during September, 1984, this writer investigated into the reasons for the pull-out of the joint venture but could not find any geologically adverse conditions for terminating the project. It appears that the joint venture experienced an unexpectedly sudden financial problem forcing it to withdraw from all further expenditures.

Immediately, negotiations on the subject property were begun with the owners, Rambo, Inc.

Check sampling by the writer of surface exposures duplicated the results obtained by Rambo and the joint venture as well as by the state geologist of the State Land & Mineral Department in Phoenix.

LOCATION & ACCESS

State of Arizona	Sec. 35, 36, T. 13 N
Yavapai County	Sec. 1, 2, 11, 12, T. 12 N
Arrastra Mountains	(Figure 2)

The property is located approximately 100 miles northwest of Phoenix or 45 miles northwest of Wickenburg (Figure 1).

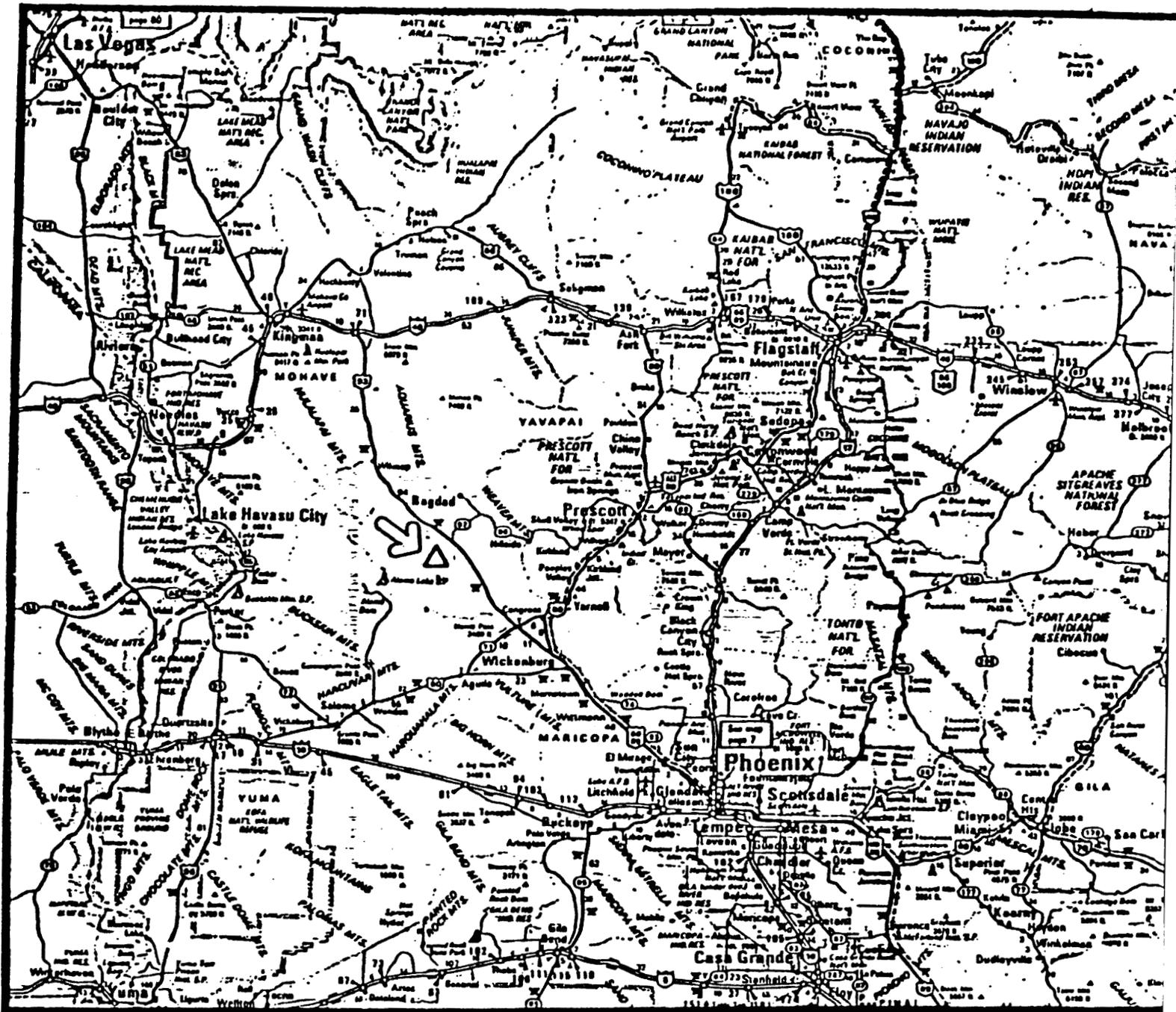


FIGURE 1

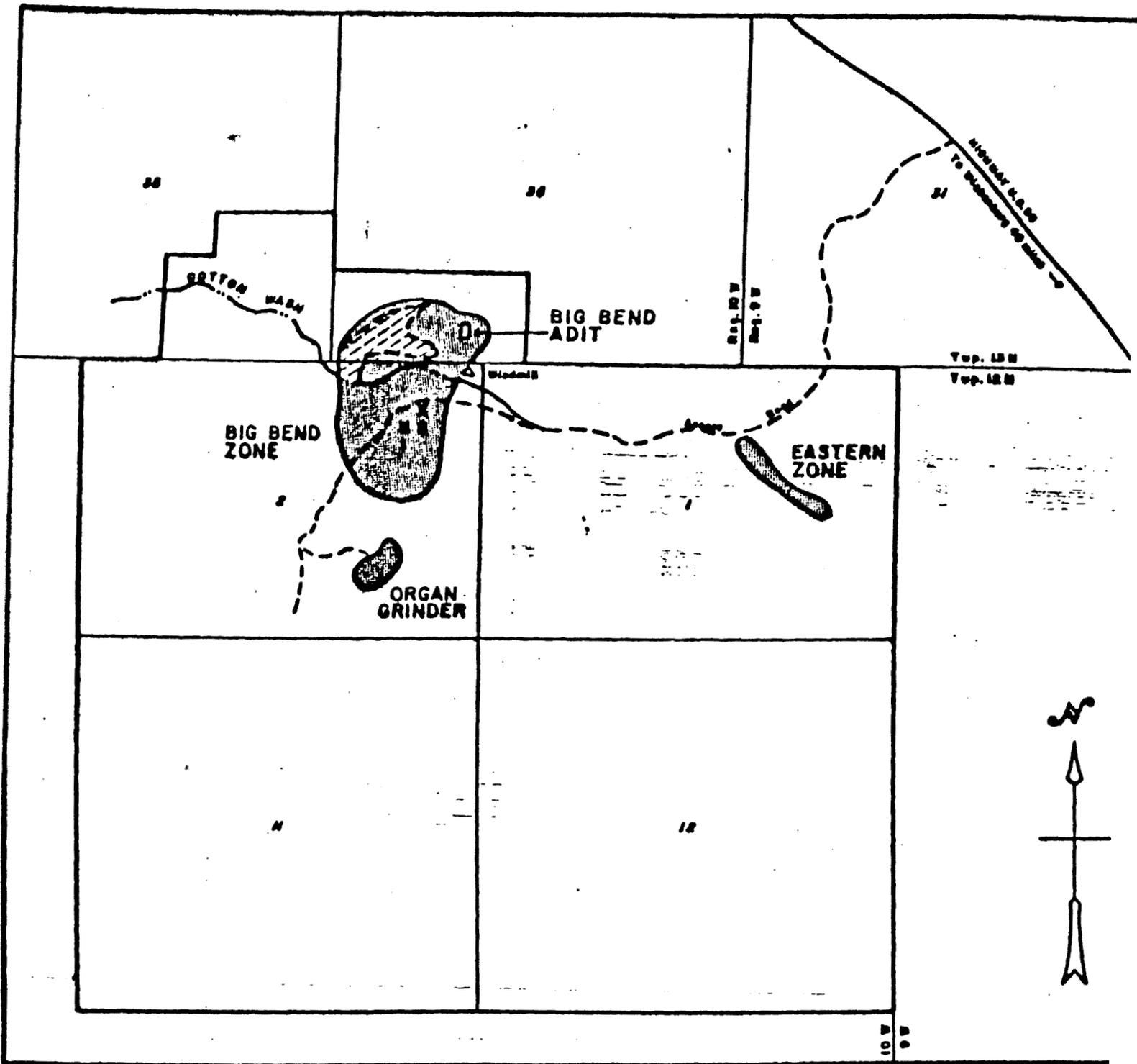
# GERBER MINERALS CORPORATION

BIG BEND PROPERTY  
 YAVAPAI COUNTY, ARIZONA

## LOCATION MAP

Scale: 1" = 36 Miles

November 8, 1984



**LEGEND**

-  SOIL GEOCHEM. ANOMALY
-  APPROX. OUTLINE OF MINERALIZED OXIDIZED GRANITE PORPHYRY
- X** CHECK SAMPLE LOCATIONS
- 1** = .063 gr Au
- 2** = .181 gr Au

**GERBER MINERALS CORPORATION**

**BIG BEND PROPERTY  
YAVAPAI COUNTY, ARIZONA**

**LOCATION MAP**

Scale: 1" = 2000'

February, 1985

**FIGURE 2**

The main highway to Kingman/Las Vegas passes within 3 miles east of the property opposite the intersection of the Hillside Mine and Bagdad Mine road. The property is crossed by field roads and trails and can readily be traveled by field vehicles.

#### PHYSIOGRAPHY

The Arrastra Mountains are one of the mountain ranges typical of the Basin/Range physiological complex. Trending in a general north-south direction, they protrude from surrounding basins.

The topography is rugged to moderately rugged.

Relief in the property area is moderately rugged with elevation differentials of 300 - 500 feet. Mean elevation is 2900 ft.

The topography of the property itself does not represent a problem with regard to moving equipment. Minor road preparation is required.

Situated in central Arizona, the climate supports Sonoran desert type vegetation consisting of succulents and desert shrub. Soil development is poor. Rock exposure is excellent.

Seasonal run-off supports ephemeral streams. High yield, moderately deep aquifers are indicated by active water wells. Elevation and temperature permit year-round operations very conducive to heap leaching processes.

#### OWNERSHIP & TENURE OBLIGATIONS

The property comprises 2,040 acres more or less in a mix of contiguous Arizona State Prospecting Permits and unpatented lode mining claims. Rambo, Inc. of Lake Havasu City, Arizona controls

all the rights with 4 mining claims subject to a total minimum advance royalty payment of \$1,000 per month.

Annual assessment work and lease rental cost are as follows:

68 mining claims @ \$100/claim	\$6,800.00
680 acres Prospecting Permits @ \$1.00/acre	<u>\$ 680.00</u>
Total	\$7,480.00

The state of Arizona requires a \$10,000 surface reclamation bond.

The option agreement between Rambo and New Tye Resources was terminated on August 1, 1984 with the joint venture claiming to have spent \$107,000 on the property since August 24, 1983.

Gerber Minerals Corporation leased the property from Rambo for an annual minimum royalty succeeded by a 15% net profit royalty once the property is in production and after Gerber Minerals recovered its investment.

No work commitments are due.

#### HISTORY

No written record exists for the time before the involvement of Rambo, Inc. and the operations of the New Tye/Himac joint venture. Apart from old surface trenches and a small adit, no work other than sporadic sampling of dumps and outcrops was conducted by various individuals. The results of more extensive work obtained by the recent operators are appended to this report.

#### GEOLOGY

The area was never mapped in any detail, and the geology observed is best described by Mr. Trenholme of New Tye and confirmed

through field checks by this writer.

In general, large parts of the property are underlain by a very coarse-grained granite to granodiorite with phases consisting almost exclusively of large (2") euhedral feldspar crystals. Pegmatitic veins and dikes criss-cross this complex.

This "granite" is thought to be Precambrian in age and possibly a metamorphic derivative of an earlier like intrusive. Younger volcanic lithologies are "draped" over this granite and preserved in discontinuous segments. These lithologies are cut by younger basic dikes.

Faults and other structural features appear to conform to typical Basin/Range tectonism.

The most intriguing features are hematitic alteration zones within an even broader alteration envelope of silification expressed by a stockwork of stringers, veinlets and occasional veins of several feet thickness of massive quartz, that are either barren or mineralized with gold. But, gold also occurs within this hematitic alteration zone as a pervasive constituent in both the altered "Granites" as well as in the volcanics.

Although significant but sporadic gold values in the range of 0.3 to 0.9 oz. Au/ton occur occasionally within the quartz veins, the true potential lies in the low grade but widespread gold mineralization within these alteration envelopes, especially in the Big-Bend Zone (Figure 2).

Secondary oxidation has been determined to reach depths in excess of 100 feet but primary oxidation may be much more extensive. Only minor sulfide mineralization is indicated by spotty secondary copper and iron hydroxides.

Note: No exploration has been conducted outside the known zones of established and indicated mineralization.

### POTENTIAL FOR MINING

Indications and potential to establish several million tons of ore grading in the range 0.04 - 0.06 oz. Au/ton are rated "very good" for the Big Bend Zone. Known mineralization occurs from surface to as-yet-undetermined depth in gently rolling hills permitting removal downhill from apex to valley floor. The natural contours and topography are conducive to easy construction of leach pads including gravity flow of solutions.

Climate and elevation permit year-round operations and a high degree of leaching efficiency.

Access, energy and water are readily available; so are labor force and a mining-friendly state government.

### CONCLUSIONS

- i. Gold/Silver mineralization conducive to heap-leach recovery is indicated to occur in sufficient quantity to sustain a mining operation.
- ii. fracturing and jointing of the host rock may permit mine-run ore to be placed on leach pads without crushing.
- iii. neither mineralogical or lithological cyanides or reaction retardants are known to occur with the ore.
- iv. about \$100,000 worth of preliminary exploration work of acceptable quality has already been conducted.
- v. the property is unexplored to a large extent.
- vi. to test the already known development targets to indicate 2 to 3 million tons of ore will require a maximum of

\$450,000 in total including acquisition and maintenance of mineral rights.

- vii. no work commitments other than assessment work are required.
- viii. a rough and conservative cash flow model (Tables 1 and 2) indicates favorable economics based on realistic parameters and assumptions.
- ix. considering the risk level of the project, a joint venture partner should be sought.

#### RECOMMENDATIONS

It is recommended that:

- negotiations for the Big Bend (Organ Grinder) property be finalized.
- efforts be made to secure a joint venture partner.
- a two-year exploration/ore development program be funded with \$500,000 under the operatorship of Gerber Minerals Corporation.





216 057 000 B  
K 4/11/85

REPORT ON

**ORGAN GRINDER AND BIG BEN PROPERTIES**

**YAVAPAI COUNTY, ARIZONA**

**PREPARED FOR**

**NEW TYEE RESOURCES LTD.**

**AND**

**HIMAC RESOURCES LTD.**

**BY**

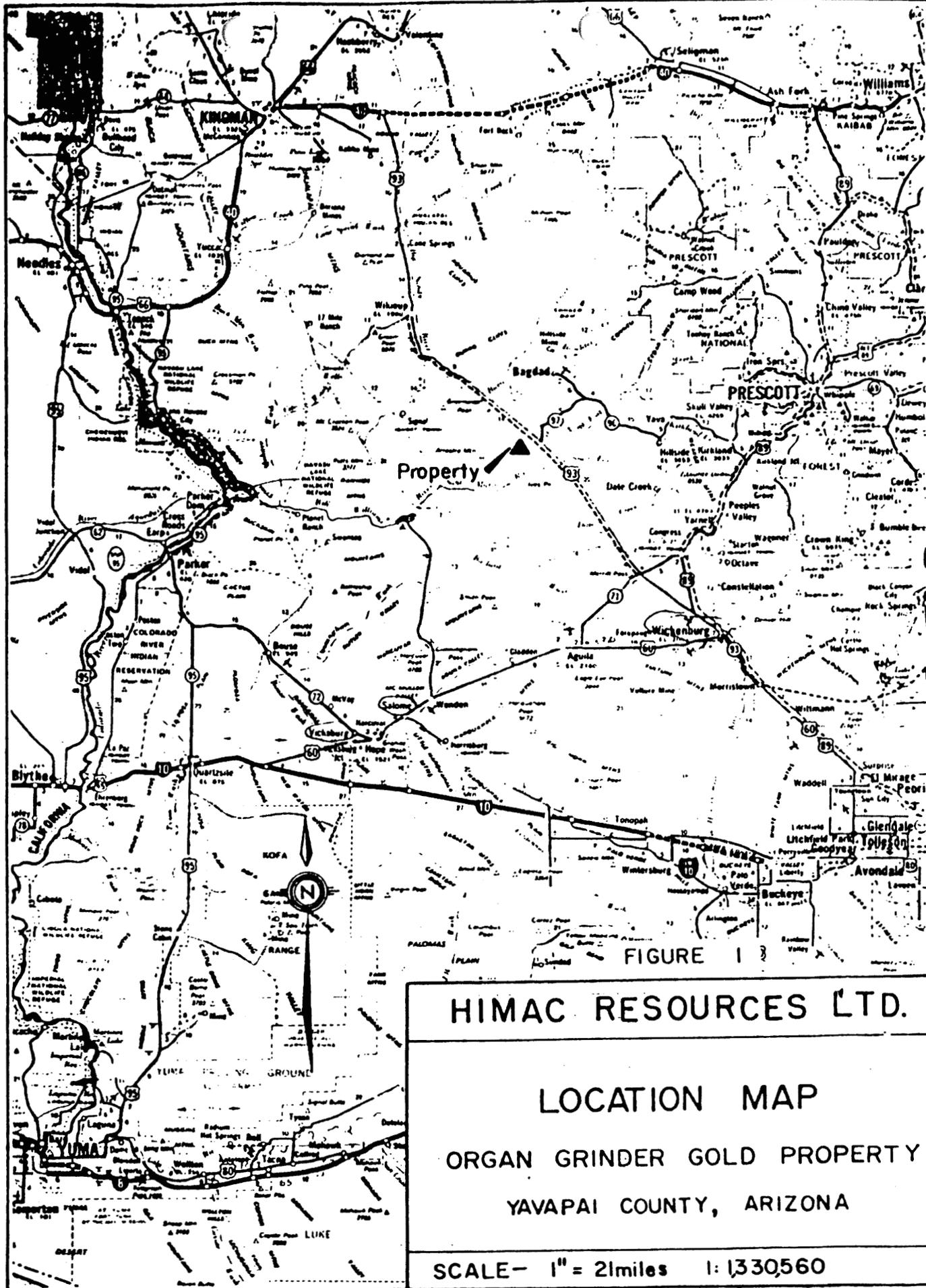
**L.S. TRENHOLME, P.Eng.**

**VANCOUVER, B.C.**

**MARCH 7, 1984**

**RECEIVED**  
JUL 15 1985  
DEPT. MINERAL RESOURCES  
PHOENIX, ARIZONA

ARIZONA DEPT. OF MINES & MINERAL RESOURCES  
STATE OFFICE BUILDING  
416 W. CONGRESS, ROOM 161  
TUCSON, ARIZONA 85701



**HIMAC RESOURCES LTD.**

**LOCATION MAP**

**ORGAN GRINDER GOLD PROPERTY**

**YAVAPAI COUNTY, ARIZONA**

**SCALE - 1" = 2miles 1:1330560**

**TABLE OF CONTENTS**

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INTRODUCTION.....	1
SUMMARY.....	1
LOCATION, ACCESS, HISTORY.....	2
SUMMARY OF AGREEMENTS.....	3
LOCAL GEOLOGY.....	6
ECONOMIC POTENTIAL.....	8
RECOMMENDATIONS.....	9
BUDGET 1984.....	11

**MAPS**

**FOLLOWING PAGE**

1. General Location		Front
2. Property	1"=2000'	1
3. Local Geology	1"=1000'	3
4. Drill Holes & Assays (Organ Grinder)	1" = 50'	In Pocket
5. Big Ben Assay Plan	1" = 100'	4
6. Big Ben Geochem	1" = 50'	In Pocket

**APPENDIX**

**EXPENDITURES TO DATE**

## **INTRODUCTION**

The writer is Vice-president of both New Tye Resources Ltd. and Himac Resources Ltd., and has conducted metal exploration for both companies since 1978.

The subject properties were examined early in 1982 in company with Mr. Bill Poe, President of Rampo Inc., who had leased certain claims and permits from the original owners.

At the time of the examination it was Poe's intention to proceed with a small heap leaching operation for his company's account. However, the writer advised him to do some preliminary bulldozer trenching, which was carried out in 1982.

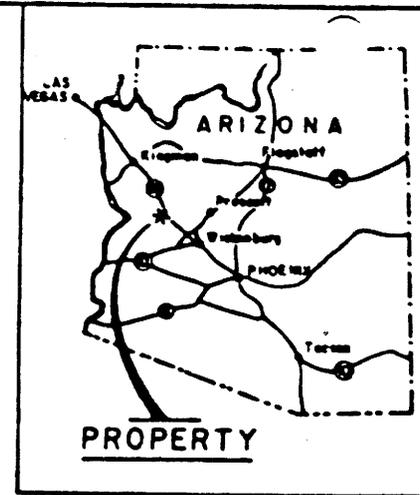
In August 1983, he invited New Tye to a second examination. This resulted in a letter agreement, followed by formal option agreements on the Organ Grinder in December 1983, and on the Big Ben in January 1984.

Exploration of these properties has been supervised by the writer with the co-operation and advice of Mr. Dave Howard, P.Eng., consulting geologist.

## **SUMMARY**

The Organ Grinder and Big Ben properties are located 45 miles north of Wickenburg, Arizona and are favourably situated with respect to transportation and water.

Gold, with associated silver (about 1:2.7) occurs in quartz veinlets cutting sheared Precambrian granite within extensive alteration zones marked by strong to intense soil colouration. Sampling of trenches and drill holes to date indicates that the granite host rock is also gold-bearing.



HIMAC RESOURCES INC.  
(100 %)

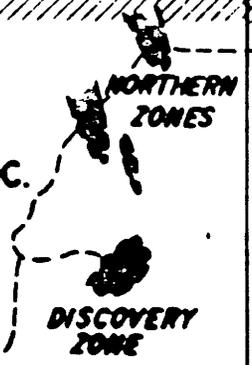
staked

R. 10 W.  
R. 9 W.

HIGHWAY U.S. 93

TWP. 13 N.  
TWP. 12 N.

NEW TYEE  
RESOURCES INC.  
(70 %)



ACCESS

ROAD

EASTERN  
ZONE

NEW TYEE  
RESOURCES INC.  
(100 %)

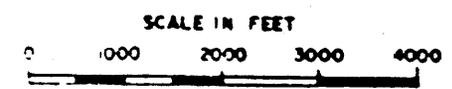
NEW TYEE  
RESOURCES INC.  
(100 %)

staked

NEW TYEE  
RESOURCES INC.  
(100 %)

To Wickenburg 40 miles

NEW TYEE RESOURCES INC.  
ORGAN GRINDER PROPERTY  
YAVAPAI COUNTY, ARIZONA  
**PROPERTY MAP**



DECEMBER, 1983

NOTE: This map subject to legal survey.

M 6 21  
R. 10 W.

Recent soil sampling on the Big Ben property has partly delineated an anomalous zone which suggests an open-pit potential for upward of 2 million tons to a depth of 100 feet in this area alone.

Acquisition and exploration costs to date total about U.S. \$ 103,000.

An exploration budget of U.S. \$ 300,000 for 1984 is recommended and is considered adequate for making a production decision.

## GENERAL

### LOCATION

Section 2, Twp. 12 N., R 10 W.

Section 35, 36, Twp. 13 N, R 10 W

Topo Reference: Prescott 1:250,000

Arrastra Mtn. NE 1: 24,000

Elevation 2700' - 3,000'

### ACCESS

Phoenix to Wickenburg, 55 miles on Route 60

Wickenburg to Bagdad Road, 45 miles on Route 93

Highway to Organ Grinder, 3 miles, 4WD road

### HISTORY

Early work (no written records)

1. Big Ben adit reported to be 200 fet, now caved about 150 feet from portal.
2. About 20 old kpits on Big Ben on narrow gold-bearing quartz veins and stringers.
3. On Organ Grinder -
  - a) old backhoe trench
  - b) "Main Trench" by Rampo Inc., in 1982
  - c) extensive trenching by New Tyee in 1983
  - d) 925 feet reverse circulation drilling by New Tyee in January 1984
4. On Rig Ben -
  - a) geochemical survey by Himac and New Tyee in February 1984
5. Reconnaissance mapping by Howard & Trenholme 1983-84

#### **SUMMARY OF AGREEMENTS**

##### **ORGAN GRINDER:**

State of Arizona grants Prospecting Permits (P.P.) convertible to Mining Leases subject to 5% Royalty (Net Metal Proceeds)

1. P.P. 800565 granted to Henry Bain & Melvin Jones, September 24, 1980 on 40 acres, being SW 1/4 Sec. 2, T 12 N, R 10 W.

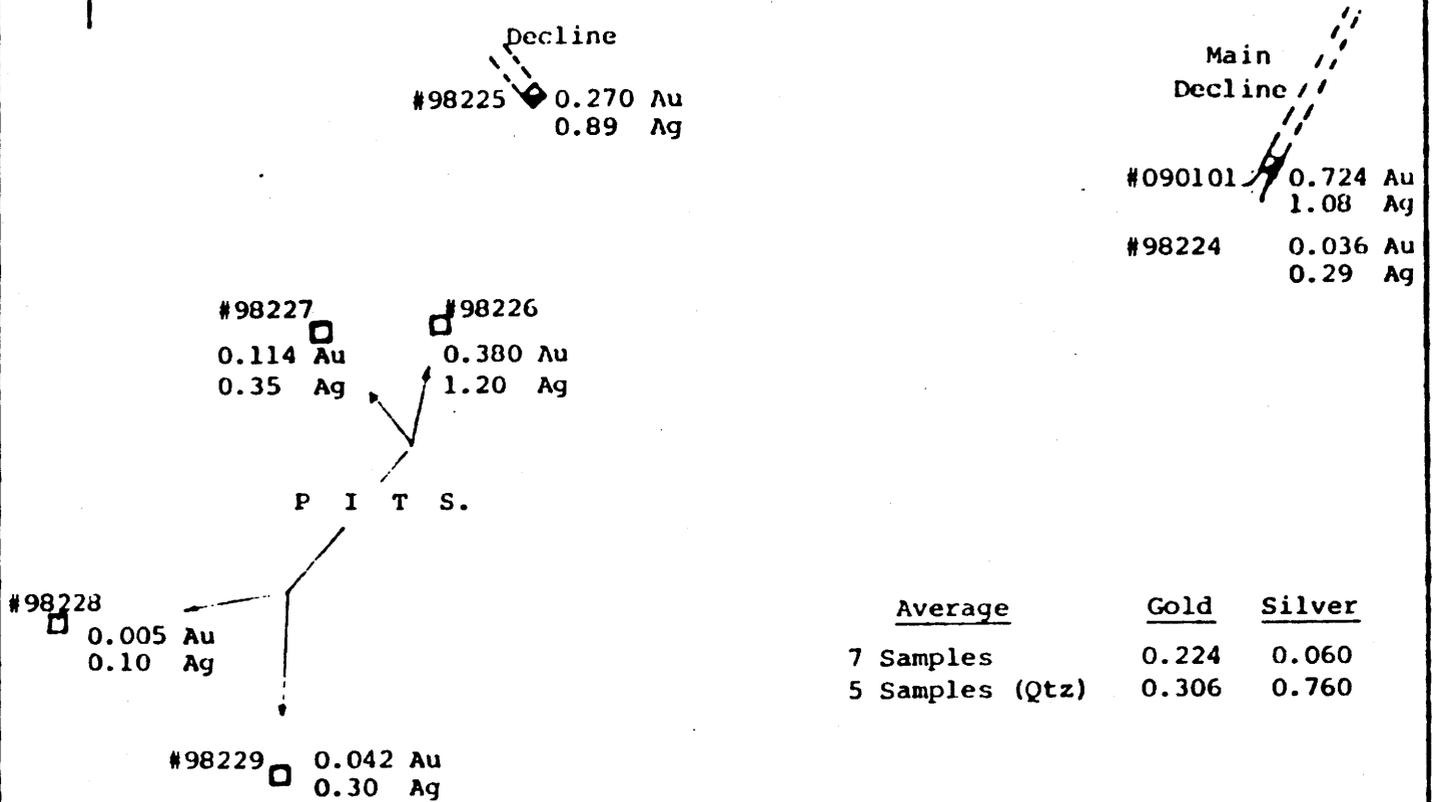
2. P.P. 84462 granted to Rampo Inc., July 21, 1982, being remainder of above Section 2, approximately 450 acres.
3. \* Rampo acquires rights from Henry Bain and Ana Marie Jones (successor to Melvin Jones) by Contract dated February 23, 1982, amended October 1, 1983.
  - a) Production Royalty 8% N.S.R. in total amount of \$ 300,00 including -
  - b) Advance (minimum) royalties of \$ 1,000 per month
4. August 24, 1983. Letter Agreement between New Tye and Rampo leading to:
5. Exploration and Option Agreement December 9, 1984
  - a) Option exercisable to December 31, 1985 to obtain 70% interest in New Company
  - b) (i) \$ 1,000 per month commencing October 1, 1983, plus  
(ii) \$ 30,000 by June 30, 1985, plus  
(iii) \$ 50,000 by December 31, 1985
  - c) New company assumes Rampo's obligations to Bain & Jones
  - d) Work commitments, total \$ 115,000

**BIG BEN (Ownership, contd)**

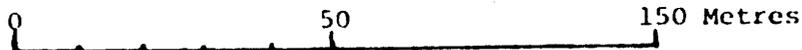
1. Prospecting Permit 79467 August 30, 1980, 40 acres

HIMAC RESOURCES LTD.  
BIG BEN PROSPECT  
YAVAPAI COUNTY, ARIZONA

ASSAY PLAN



	<u>Average</u>	<u>Gold</u>	<u>Silver</u>
7 Samples		0.224	0.060
5 Samples (Qtz)		0.306	0.760



<u>Sample</u>	<u>Description</u>	<u>Gold</u> oz/ton	<u>Silver</u> oz/ton
090101	West Wall 10" Quartz	0.724	1.08
98224	West Wall 3.0' Granite	0.036	0.29
98225	Dump Random Quartz	0.270	0.89
98226	Dump Random Qtz & Granite	0.380	1.20
98227	Dump Random Qtz.	0.114	0.35
98228	Dump Random Red Granite	0.005	0.10
98229	Dump Random Qtz & Granite	0.042	0.30

2. Prospecting Permit 73810 May 3, 1979 comprising 40 acres in Section 36, T 13 1N, R 10 W.
3. \* Five Located Mineral Claims (about 100 acres) in Section 35, T 13 N, R 10 W.

(4 by Bain & Jonese, 1 by Rambo Inc.)

**November 1, 1983 - Joint Venture Agreement between New Tye Resources Ltd., (60%) and Himac Resources Inc. (40%) re: acquisition of property in T 13 N, R 10 W.**

**December 9, 1984 - Exploration and Option Agreement on above property between Rambo Inc., and Himac Resources Inc., (on behalf of the Joint Venture).**

**Principal Terms:**

1. Option to acquire 80% interest in New Company to December 31, 1985 with Rambo retaining 20% carried interest in New Company.

2. **Option Payments**

- a) On execution \$ 10,000 plus 15,000 shares Himac Resources Ltd.
- b) \$ 1,500 per month comencing April 1, 1984, plus,
- c) \$ 50,000 by June 30, 1985, plus,
- d) \$ 50,000 by December 31, 1985

3. **Work Commitments - \$ 115,000**
4. **Production Royalties (payable by New Company)**
  - a) **On State Land**
    - i) to State of Arizona - 5%
    - ii) to Rambo - 8% up to \$ 300,000, thereafter 2%
  - b) **On Federal Land**
    - i) to Rambo - 5%

#### **LOCAL GEOLOGY**

##### **A. Precambrian**

The principal country rock is coarse to medium-grained granite which has been intensely metamorphosed with remarkable and widespread development of large (<2") feldspar porphyroblasts, locally with hematite staining.

The granite has been intruded, in approximate age sequence by:

- 1) vein quartz, generally gold-bearing
- 2) grey-green basic dikes ("diabase") which appear to follow low angle shear planes (thrusts) of various orientations
- 3) pendants or down-faulted remnants of sedimentary and volcanic origin

- 4) Irregular bodies of aplite and fine-grained granite. These are of fresh, reddish to pinkish colour; some appear to be low-angle knoll "cappings"
- 5) Pegmatite dike swarms trending E-W to WNW and essentially vertical; thickness varies from inches to tens of feet

B. Mesozoic volcanics with associated sediments generally at higher elevations and draped over very irregular paleo-topography.

#### STRUCTURE AND ALTERATION

- 1) Preliminary mapping and reconnaissance have located strong vertical faults trending NW to NNW with amount and direction of movement not determined.
- 2) On the Organ Grinder "Discovery Zone" gold-bearing quartz stringers occur in a schistose zone striking NNE and dipping SE at 20°.
- 3) On the Big Ben a similar association is seen with respect to shears striking WNW and dipping northerly. In addition, some quartz stringers have random orientations, suggesting joint fillings.
- 4) The shearing and veining are contained in a broad zone of oxide colouration extending north from the "Discovery Zone" for more than 4000 feet and achieving its maximum width and intensity on the Big Ben property.
- 5) Trenches and drill holes indicate complete oxidation of

sulphide minerals to at least 150 feet vertical depth.

- 6) The only visible gold noted to date was enclosed in quartz at the Big Ben portal.
- 7) The granite appears to be the only favourable host rock.

#### ECONOMIC POTENTIAL

1. It is postulated that one million tons grading 0.04 ounces of gold per ton within 150 feet of surface would support a profitable operation in this environment.
2. Trench sampling on the Organ Grinder gave an average grade of 0.054 oz/ton over a strike length of 450 feet where the zone was interrupted by a zone of heavily sheared and bleached granite.
3. Drilling indicates a true thickness of 10 to 15 feet. Mediocre assay results are at least partially due to intersecting dike material at the projected ore zone horizon. There is some evidence that gold values persist through the fault and that more drilling should be done to the east.
4. Of four known remaining untested alteration zones on the Organ Grider property, two have returned high values from selected samples.
5. **Big Ben Property**
  - a) Random samples of quartz from various dumps averaged 0.306 ounces gold per ton.

- b) The oxide colour anomaly is larger and more intensive than on the Organ Grinder property.
- c) A preliminary soil sampling program has outlined a distinctly anomalous gold zone measuring approximately 400' x 800' and open to the west.
- d) Assuming that the granite host rock carries appreciable gold, an ore potential for 26,000 tons per vertical foot is indicated.

## **GENERAL**

### **Adjoining Property**

- a) New Tyee has acquired by staking the greater part of 2 sections adjoining south of the Organ Grinder.
- b) New Tyee has acquired a Prospecting Permit on all of Section 1 adjoining east of the Organ grinder (about 500 acres).
- c) Himac (for the Joint Venture) has acquired a Prospecting Permit for all of Section 36 not covered by the Big Ben property.

## **RECOMMENDATIONS**

### **A. BIG BEN**

- 1. **Extend control grid, mapping and soil sampling**
- 2. **Diamond Drilling:** for geological control, say 6

holes @ 200' = 1200 feet

3. **Percussion Drilling:** to outline ore zones, say 70 holes @ 150' = 10,500 feet

4. **Reverse Circulation Holes** for grade confirmation, say 30 holes @ 150' = 4,500 feet

5. **Bulldozer trenching combined with drillsite preparation**

6. **Bench tests for leaching characteristics**

**B. ORGAN GRINDER**

1. **Establish control grid**

2. **Percussion drilling:** to extend "Discovery Zone" and to test northern zones, 3000 feet.

3. **Reverse Circulation Drilling:** as warranted, say 1000 feet

## 1984 BUDGET

## U.S. FUNDS

	BIG BEN \$	ORGAN GRINDER \$	TOTAL \$
1. Geochem Survey 600 samples @ 4.40	880	1,760	2,640
2. Diamond Drilling 1600' @ \$20/ft.	24,000	8,000	32,000
3. Percussion Drilling 13,500' @ \$6.0	63,000	18,000	81,000
4. Reverse Circulation Drilling 5,500' @ \$12.00	54,000	12,000	66,000
5. Assays	6,700	3,300	10,000
6. Bench Tests	20,000	5,000	25,000
7. Engineering & Labour 80 days (2 men) @ \$350	21,000	7,000	28,000
8. Supervision, Consulting	15,000	5,000	20,000
9. Travel, Miscellaneous	5,000	3,000	8,000
Sub-totals	209,580	63,060	272,640
10. Contingencies - 10%	21,000	6,300	27,300
11. 1984 Option Payments	15,000	10,000	25,000
TOTAL:	245,580 =====	79,360 =====	324,940 =====

*L.S. Trenholme*

L.S. TRENHOLME, P.Eng.

## APPENDIX

EXPENDITURES FOR NEW TYEE RESOURCES LTD.  
 AND HIMAC RESOURCES LTD ON ORGAN GRINDER  
 AND BIG BEN PROPERTIES, YAVAPAI COUNTY, ARIZONA  
 TO MARCH 1, 1984

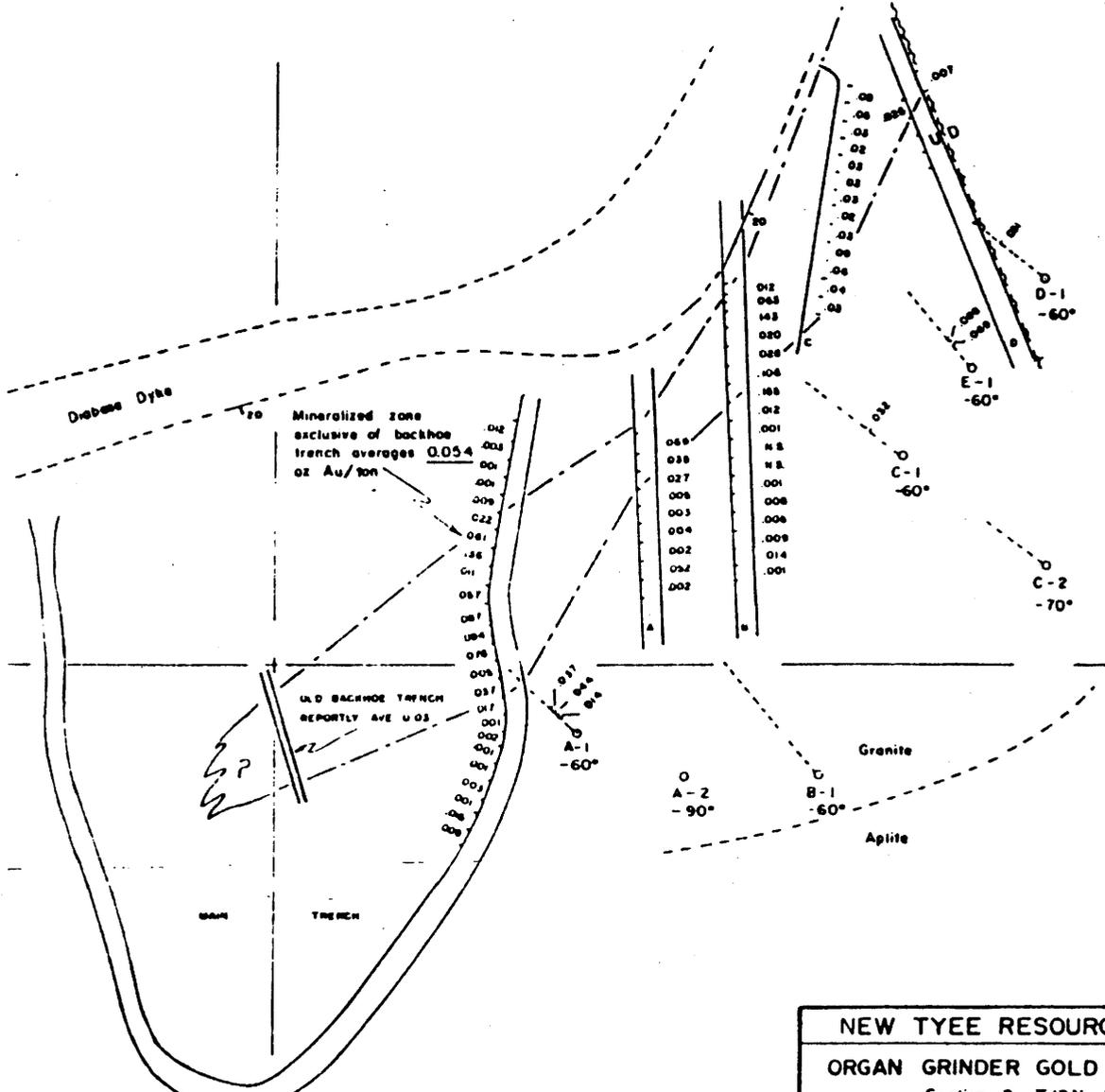
ORGAN GRINDER		U.S. Funds
1.	Acquisition: Initial	\$ 5,000.00
	6 Monthly	6,000.00
		\$ 11,000.00
	Staking	6,078.10
	Prospecting Permit	3,900.00
		9,978.10
	Legal	4,037.66
		<u>\$ 25,015.76</u>
2.	Exploration	
	Assay	5,504.72
	Consulting	15,051.28
	Drillsite Preparaton	2,305.0
	Drilling	9,131.25
	Trenching	5,675.00
	Travel	5,424.11
	Field Supplies	436.33
	Rentals	4,291.61
	Maps, Reports	197.56
	Wages	1,275.00
	Miscellaneous	514.96
		<u>49,806.82</u>
	Total Organ Grinder (March 1/84)	<u><u>\$ 74,822.58</u></u>

## BIG BEN

1.	Acquisition:		U.S. Funds
	Initial: Cash	\$ 10,000.00	
	15,000 shares @ .50	7,500.00	\$ 17,500.00
	Prospecting Permit		3,982.64
	Legal Costs		900.00
			\$ 22,382.64
2.	Exploration:		
	Assays	\$ 1,188.35	
	Consulting & Supervision	2,892.26	
	Wages	450.00	
	Rentals	406.99	
	Travel	662.49	
	Miscellaneous	505.37	
			5,650.56
	Total to March 1, 1984		\$ 28,033.20

**SUMMARY**  
U.S. FUNDS

	ORGAN GRINDER	BIG BEN	TOTAL
	\$	\$	\$
ACQUISITIONS	25,015.76	22,382.64	47,398.40
EXPLORATION	49,806.82	5,650.56	55,457.38
T O T A L	74,822.58	28,033.20	102,855.78

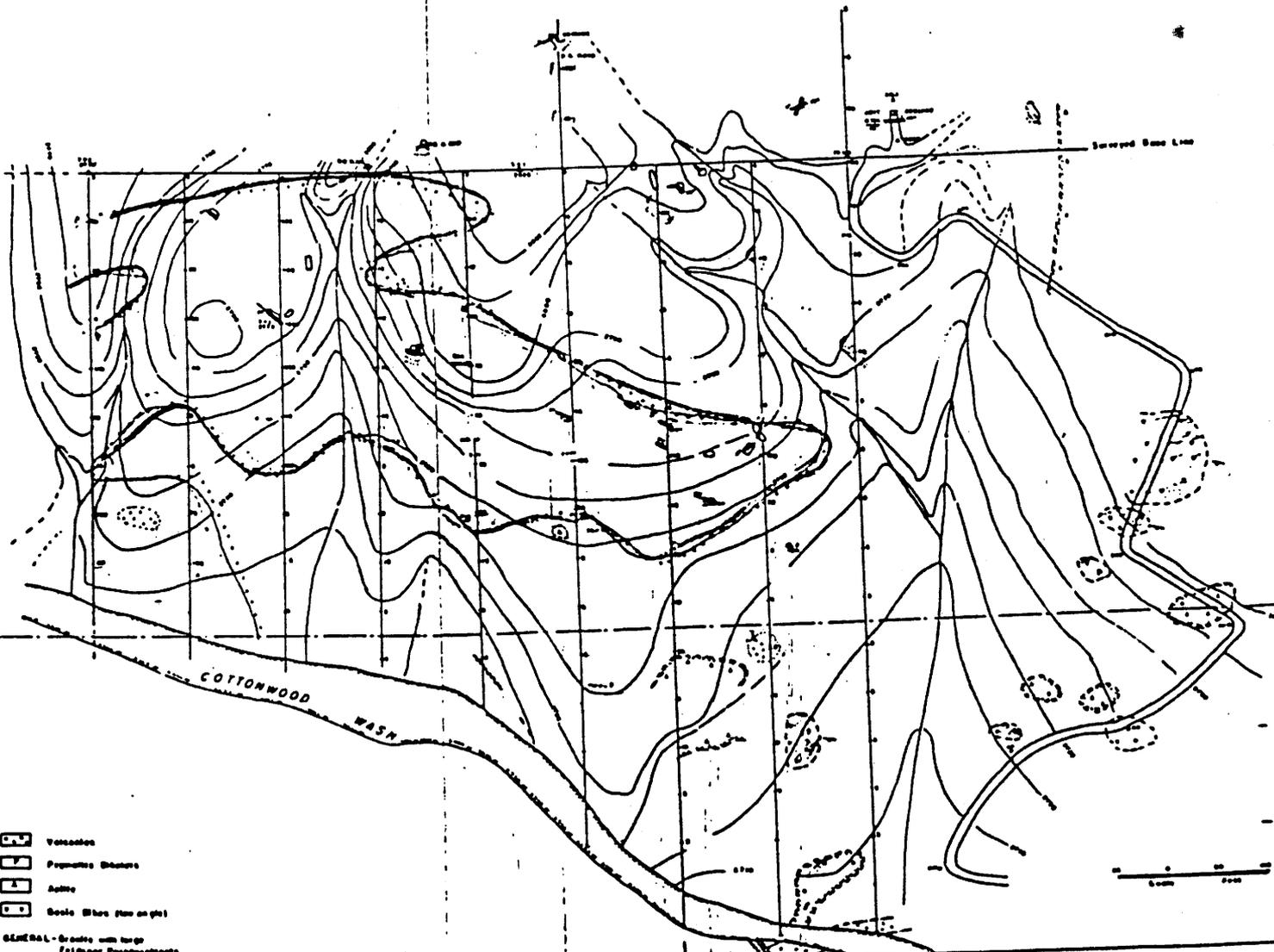


2000 N

Scale:  
1 inch to 100 feet

300

<b>NEW TYEE RESOURCES LTD.</b>
<b>ORGAN GRINDER GOLD PROPERTY</b> Section 2, T.12N., R.10W. Yavapai County, Arizona
<b>DRILL HOLE &amp; ASSAY MAP</b>
Scale: 1" = 50' or 1:600
Geology by D.A. Howard P. Eng.
D.D.H. GEOMANAGEMENT LTD.



1120 010  
1120 010

60 - 1000 00000 00 000000  
100 - 00000 000000  
1000 - 0000 0000 0000  
..... 000000 1

New Type Resources Ltd.  
Nimes Resources Ltd.  
Part of  
**BIG BEN PROPERTY**  
TOMPAH COUNTY, ARIZONA

-  Vegetation
-  Property Division
-  Access
-  Soils (Blue for angle)

GENERAL - Grades with large  
Tolerant Purple/Redwoods

25 February 1980.

MEMORANDUM FOR THE RECORD.

Organ Grinder Gold claims, <sup>Arroyo</sup> ~~High~~ <sup>Y30.1211</sup> ~~Low~~ Mountains, Mojave County,  
S. of Wickieup, Arizona near Santa Maria river. Secs. 35-36.  
T-13-N, R-10-W, SR B&M.

This is to confirm other reports, and information, on the above mentioned gold claims. These claims contain Au veins in hard rock. Ore samples were taken by Henry Bains (Circle City, Arizona) and the writer, on January 3, 1980. Mr. Francis Campbell (Circle City, Az.) accompanied the samplers.

Samples and assay results follow (See Incls. #1 and #2):

Sample #1. Chip Channel cut of vein at portal of Adit. Assay Report gives 0.37 Oz. per ton Au. At today's prices, this ore is valued at \$238.65 per ton.

Sample #2. Composite grab sample of outcrop on claims some distance to the West of Sample #1 (along high ridge). Assay report shows 0.48 oz. per ton Au. At today's prices this is valued at \$309.60 per ton of ore.

Sample #4. Grab sample from outcrop to the South of Sample #1. Report shows 0.65 oz. Au per ton. At today's prices this ore is valued at \$419.25 per ton.

The above samples were taken by Mr. Bains.

Sample "Cottonwood W." was taken by the writer, from silicious outcrops (stained brown by small amounts of ferric iron). This was a composite sample taken from Cottonwood wash, below the claim to the South. The assay showed only a trace of Au.

The Organ Grinder claims merit extensive additional exploration



1601 Sandhill Rd. #36  
Las Vegas, Nev. 89104  
ph. 457 2175

# Arizona Testing Laboratories

817 West Madison • Phoenix, Arizona 85007 • Telephone 254-6181

For Mr. Henry Bain  
Post Office Box 297  
Morristown, AZ. 85342

Date January 16, 1980

## ASSAY CERTIFICATE

LAB NO.	IDENTIFICATION	OZ. PER TON		PERCENTAGES			
		GOLD	SILVER	COPPER			
3777	#1	0.37	<i>more portch. for west project. Sully</i>				
	#3	0.48					
	#4	0.65					

Respectfully submitted,

ARIZONA TESTING LABORATORIES

*Claude E. McLean, Jr.*

Claude E. McLean, Jr.



July 29, 1979

Mr. Melvin H. Jones  
Box 1196  
Wickenburg, Arizona

Re: Organ Grinder Claims S.2 S.2 S.W., Sec. 36, T. 13N, R. 10W.,  
Salt River Basin Meridian, Yavapai County, Arizona.

Dear Sir:

On June 25, 1979, as per your request, I made a preliminary survey of the geology and economic minerals of the eastern part of the Organ Grinder Claims at the location described above. Additional information was gained from publications of the Arizona Bureau of Geology and Mineral Technology.

The geologic environment in the Organ Grinder Claims area appears deceptively simple. There are numerous exposures of plutonic intrusives (Yavapai Series (?)) of Precambrian (?) age which appear to be either granite or quartz monzonite. Some of this rock is of unusual crystalline structure with phenocrysts ( $\frac{1}{4}$ " - 1") of feldspar in a coarse-grained ground mass of minerals typical of granitic-type rocks.

These phenocrysts fail to exhibit the striations generally found on at least one of the cleavage faces of plagioclase. For this reason and others (alteration debris, color), I prefer (in the absence of petrographic or spectrographic analysis) to identify the phenocrysts as orthoclase (or microcline?). Intruded into this granitic-type rock are numerous dikes or veins of fine grained quartz, some of sufficient thickness to provide topographic expression because of their superior resistance to weathering and erosion.

To the west (as well as considerably south) of your claims are vast exposures of metamorphosed plutonic rock of unknown age (Precambrian (?)). The portion of this gneiss nearest the Organ Grinder Claims is covered with Cenozoic basalts. The same basalts extruded over large areas of granitic-type rocks north and east of the claims area. These basalts are discontinuous today but the large basalt dike which intersects the creek bed approximately 200 yards S.W. of the existing adit indicates the flows covered the entire region at some time in the past. The volcanics are probably of Late-Middle Tertiary age.

The margins of the siliceous veins in the plutonic rock are surprisingly difficult to delineate. As a result of this fact, the chip-channel sample I secured from the adit was from a 40" vertical line which was central to and about one half the height of the adit. The sample location was approximately 30' from the portal of the 100' long adit and approximately 2' short of the end of the timbering on the left side of the adit. This sample was marked Number 1. The strike of the adit vein is N. 10° E. and the dip is approximately 15° E.

The second and third samples were taken in an exploration pit located approximately 175' N. 40° W. of the adit portal. The entire exposed section of quartzose rock (approximately 30") furnished 2 chip-channel samples. The sample from the southern end of the pit was marked Number 2. The third sample (Number 3) was taken from the N.W. side of the pit as a check on the consistency of the vein and assayer. The exposure was insufficient to establish strike and dip.

After nominal crushing and quartering, samples averaging about 12 oz. each were sent to Robert E. Craig & Co., Sun Valley, California, for fire assays for gold only. (The silver assay was done inadvertently--not at my request). I have enclosed the assayer's report.

The average assay of 0.116 oz. of gold per ton of rock is disappointing but not unexpected since this claim obviously has been investigated before. The fact that substantial values were found in all three assays, makes the Organ Grinder Claims an unusual mineralized area. If sufficient contiguous volume of gold-bearing rock can be established on the claims, a large-scale operation with ore of this value is economically feasible.

A search of the records of gold placers of Arizona, shows no successful placer mining operations in any portion of the drainage area down-stream from the Organ Grinder Claims. This suggests a study of the size of gold particles might be important in an evaluation of the claims. If free-milling gold that can be panned is present in the lode, this would be a negative indication for widespread gold mineralization.

I suggest and recommend the followings:

1. Secure appropriate permits and leases from the state of Arizona. (This is a state-owned section.)
2. Map and sample all siliceous outcrops on the claims.

3. If steps 1 and 2 are encouraging, contract for limited exploration drilling.

If you have any questions concerning this report on the Organ Grinder Claims or would like a joint visit to the claims, please advise. I plan to be in Central Arizona near the end of August.

Sincerely yours,

1 Encl  
As stated

GEORGE E. FERRICK  
B.E. (Civil Engineering)  
M.S. (Geology)  
Mining Consultant

5814 Eaton Street  
Los Angeles, CA 90042

GEN/lcb

*[Handwritten signature]*

# ROBERT E. CRAIG & CO.



MINING & METALLURGICAL  
CONSULTANTS  
BOX 677  
SUN VALLEY, CA. 91352  
(213) 787-2781

Analysis No. 12329  
July 21, 1979

Samples submitted by;  
George E. Bundick  
5814 Eaton Street  
Los Angeles, California. 90042

Au - Gold .142 oz. per ton  
Ag - Silver .34 oz. per ton

Au - Gold .097 oz. per ton  
Ag - Silver .21 oz. per ton

Au - Gold .109 oz. per ton  
Ag - Silver .29 oz. per ton  
Analysis and report; by  
ROBERT E. CRAIG & COMPANY

*Robert E. Craig*  
Robert E. Craig

GOLD @\$298.50 per oz.  
SILVER @\$9.30 per oz.

SAMPLE MARK: #1 Vein Inside Adit  
= \$42.38 per ton  
= \$ 3.16 per ton

SAMPLE MARK: #2 Exploration Pit-S  
= \$28.95 per ton  
= \$ 1.95 per ton

SAMPLE MARK: #3 Exploration Pit-NW  
= \$32.53 per ton  
= \$ 2.69 per ton

*BE 15*

ATTACHED REPORT.

RECOGNITION GEOLOGICAL INVESTIGATION OF THE BIG BEN GOLD CLAIMS,  
 47 1/2 miles SW Wickenburg, Apache Mountains, Yavapai County, Arizona.

The undersigned, accompanied by Mr. D. D. Seely, box 74, Silver Lake, Kansas, 66539 and Mr. Henry Bain, 41711 Grand River, Novi, Michigan, 48050 (owners of the Big Ben claims), examined the nine (9) lode claims comprising the Big Ben group on February 27, 1975. Then again, visited the claims on May 1, 1975, with Mr. Seely, who was arranging to have some annual assessment work accomplished.

The claims are in Yavapai County and two(?) miles West of US highway 93 (on orite the turnoff to Gardad, Arizona). See attached map "A". The main reason for amending this report is, that the original mapping data was erroneous. Magra, Seely and Bain spend their Winters in Wickenburg, Arizona and use their spare time for prospecting. Mr. Seely, operated the Hidden Treasure mine, out of Salome, Arizona, many years ago.

The general area of the claims is Pre-Cambrian pluton granitic rocks. Some of the granitic granites are there, that are very interesting in that they have large phenocrysts and laths of feldspar. Some laths are several inches in length. In the mentioned formation, are faults, joints, and fissures containing auriferous bearing minerals megascopically identified as reddish feldspars, feldspars, and iron stained quartz. These minerals are much younger than the granitic rocks.

On claim, Big Ben No. 2 is an old inclined shaft dipping about 25 deg. to the North for about 200 feet and then drifting to the right about 50 feet (I am told). I am also told there is a winze therein. It was not explored by the writer, as the portal is caved in, with only a small opening. The shaft apparently follows about a 2 foot vein of reddish gold bearing quartz. Two (2) samples were taken from the portal area (see samples outlined below and map B)

The Big Ben claims generally trend to the west along Cottonwood wash and several outcrops of apparent gold bearing rock were noted. Several of these outcrops are in excess of six(6) feet in width. There are several old prospect holes on the hills on the side of the wash. Apparently these old workings are 40 or more years old. There is no evidence of recent mining operations.

Reference the Henry Bain assay reports which are attached for background information. (Exhibits C and D). The writer does not have specific information as to where each sample was obtained. All samples were "grab" samples, according to Mr. Bain:

SAMPLE ANALYSIS

Report 12-1-74  
 Report 12-31-74  
 Report 1-13-75  
 Report 1-27-75  
 Report 3-16-75 (See bank #1)

	<u>AVERAGE GRADE</u>	
	<u>AU</u>	<u>AG</u>
.86/oz.	2.43	oz.
.42 oz.	1.29	oz.
.36 oz.	1.01	oz.
2.91 oz.	4.60	oz.
.24 oz.	.86	oz.
Average of above	1.95	oz.
	2.05	oz.

*rel Jones part owner. 9-1-78*

Grab sample taken by the undersigned (Feb., 27, 1975 (see map Exhibit B):

#1 Composite grab sample of several small exploration pits on small hill N. of Cottonwood wash, Claim No. 8.	$\frac{Au}{.013}$ oz.	$\frac{Ag}{.007}$ oz
#2 Grab sample on small pit on claim No. 7. Vein size obscured.	.20 oz.	.40 oz
#3 Grab sample from 2 foot vein on inclined shaft portal. Claim No. 2.	.60 oz.	.40 oz
#4 Grab sample from 6 foot wide outcrop in Cottonwood wash, Claim No. 5.	.14 oz.	2.06 oz
<u>The average of the foregoing is:</u>	<u>.25 oz.</u>	<u>1.94 oz</u>

Chip channel samples taken by the undersigned May 1, 1975 (see map exhibit B): (Sample location marked with white paint),

A. Inclined shaft collar sample. 2½ foot vein.	$\frac{Au}{.22}$ oz.	$\frac{Ag}{1.78}$ oz
B. Small open pit near top of small hill. 2 ft. vein. Sample from both sides of pit. Claim No. 1.	.42 oz.	1.12 oz
C. Small pit on side of small wash. 2 foot vein. Near road. Claim No. 3.	.10 oz.	1.150 oz
D. Cottonwood wash, n. side. 2½ foot vein, claim No. 5.	.12 oz.	.48 oz
E. Cottonwood wash, n. side. 2½ foot vein, claim No. 7.	.04 oz.	.56 oz
<u>The average of the foregoing is:</u>	<u>.18 oz.</u>	<u>1.01 oz</u>

It is pointed out that the above sampling, by the writer, is too limited to be conclusive, and is inadequate to determine the potential value of the claims. It confirms to a degree, the sampling assays of Mr. Bain (which were also added to this report).

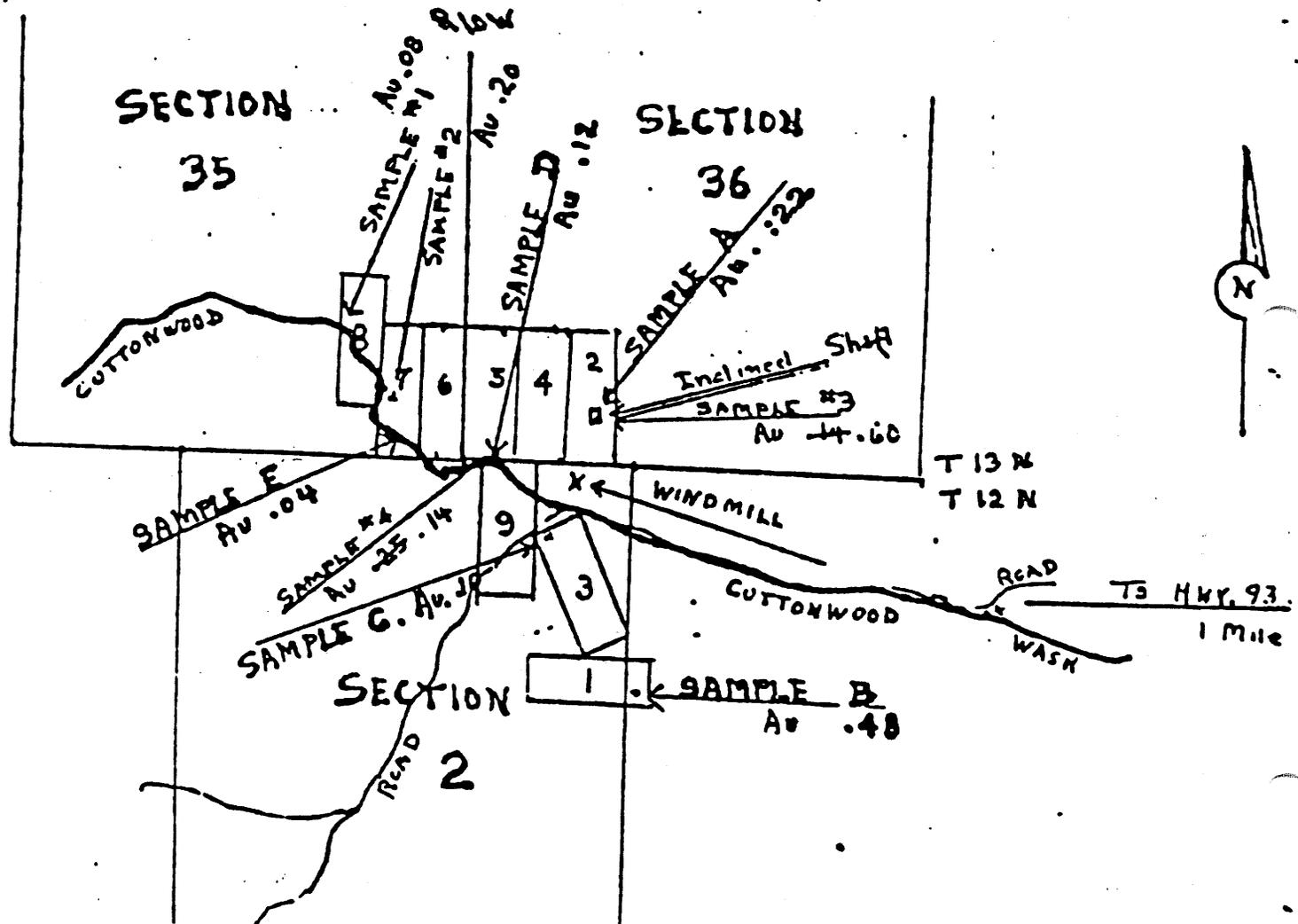
There is minor copper on the property, in a sporadic pattern; but insufficient to be of commercial value at today's prices. There is also minor silver as the above assays indicate.

From the cursory examination of the claims, as outlined above, the claims have much merit as a potential gold producer. While not so indicated by the above assays, the undersigned is of the opinion that claims nos. 7 and 8 merit more investigation as a possible large body of ore.

I recommend painstaking channel cut sampling, mapping of ore outcrops, followed by a drilling program.

*Melvin H. Jones*  
 MELVIN H JONES  
 Mining Geologist.

Box 406  
 Wickenburg, Arizona. 85358

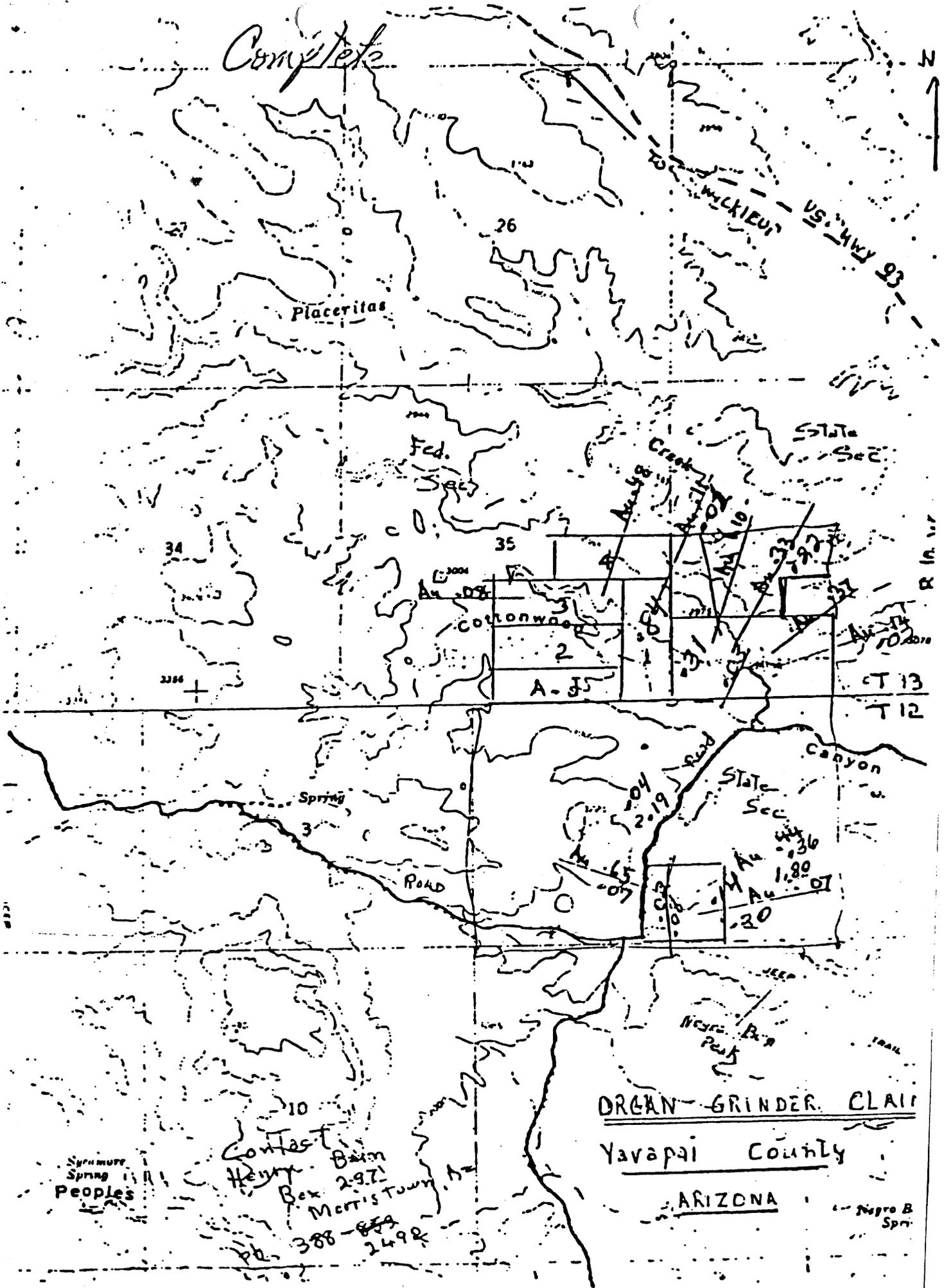


# BIG BEN CLAIMS

Approx. Locations

showing Sampling (initial)

Complete



ORGAN GRINDER CLAIM

Yavapai County

ARIZONA

Spruett Spring Peoples

Contest  
Henry Baim  
Box 297  
Mottstown, Ar  
Ph. 388-878  
249R

Negro B Spring