



CONTACT INFORMATION
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Phoenix, AZ, 85012
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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CLAY THORNE COMPANY

**P. O. Box 392
Payson, AZ 85547**

Phone: 474-5963

March 5, 1987

PROPOSAL

**BLACK MESA
START-UP AND PRODUCTION COST
AND NET RETURNS**

Black Mesa Mines consist of 80 mining claims containing 1600 acres. We are offering a buy down joint venture operation on approximately 33 claims (660 acres). The balance of said claims may be negotiated at a subsequent time.

The mining claims aforementioned have been properly staked with notices and filed with appropriate County (Maricopa) and Federal (Bureau of Land Management) agencies. Permits for volume testing have been issued.

Leaching and hardrock testing to date have consisted of (approximately) 100 tons; 50 tons leach (thiourea) and 50 tons through Knudson Bowl and Flotation System.

This testing was performed on one claim only. Additionally, the assay reports cover numerous area assays performed by the writer and renown certified laboratories throughout the world (some assays from England, Netherlands and Belgium are still pending).

Assays on this property will vary greatly because of the sample sizes and the technique of firing. Samples from this property must be either roasted or pretreated with hydrochloric acid to get rid of the tellurium and sulfides. Secondly, most geologists will take a sample of one pound or so and send this to an assayer who will separate 30 grams of that sample and fire and report the results thereof. Simply put, there is no reflection upon the assayer but upon the person taking the sample and the directions he gives.

First, the assayer should be told that tellurium and sulfides are present. Secondly, in the case of Black Mesa ore, he should be told that there is free gold. I really don't think it will make much difference, for most assayers have an outside man who comes

Proposal
March 5, 1987
Page Two

in early to crush the samples and do the fluxing, using a standard flux afterward. They will screen the material through a 100 or 200 mesh screen and take their 30 grams from this.

I quote from Brown's Book of Assay, "When there is free gold suspected in an ore, the sample should be crushed and screened a minimum of three (3) times, and the screen inspected under a looking glass for fine particles of gold." I have observed and asked questions of many of the leading assay companies in the U.S.A. and not one follows this procedure.

For best results, crush your material to approximately 10 to 30 mesh and fire the material for an extra 15 to 30 minutes. It cannot damage your assay and the larger mesh screen will let more of the free gold through. Most important, use an assayer that can fire one pound or more. That gives you a much better representation of the property.

Black Mesa is like Carling Gold Mine, and all the large deposits in operation today -- it has some problems to be worked out. Most of the problems have been solved; a few of them are:

- (1) A flow sheet should be run to determine if the material should be floated and which flotation agent is to be used.
- (2) If cyanide can be used economically, can the gold be recovered with acidic carbon from thiourea? (Small tests show that the gold can be recovered.)
- (3) Is it economically feasible to use electrowinning to recover the gold while leaching?

Disregarding the recovery system used, the mountain will yield a minimum of 1/10 up to 1/2 ounce per ton. Using the lower figure on a start up leaching operation, a cost of \$8.00 per ton, which is the highest cost per ton out of the six major open pit operation within the U.S.A. today, the mine should produce, to begin with, 500 tons x .1 at \$400 per ounce, which equals \$20,000 per day. The cost of operation would be approximately \$4,852.09 subtracted from \$20,000, which equals \$15,147.91. From that amount subtract a debt service of \$30,000 at 10% per year (\$82.19 per day), which leaves \$15,065.72. Based on a 25-day month, that equals \$376,643 per month, or \$4,519,716 per year (\$376,643 x 12). A schedule of costs is attached to this letter.

It would take approximately 60 days to get into operation. You should have enough funds to sustain you for at least 3 to 6 months (3 months = \$213,906; 6 months = \$427,812). We have

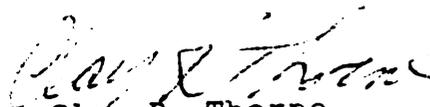
Proposal
March 5, 1987
Page Three

enough material proven at this time to last 540 days, or approximately 1 1/2 years. This was proven by drilling to a depth of 30 feet within the existing pit.

I hope you and your people can move on this soon. I will be looking forward to hearing from you.

Sincerely,

CLAY THORNE COMPANY


Clay R. Thorne

PRODUCTION COSTS

24-HOUR DAY, 25-DAY MONTH, 12-MONTH YEAR

	<u>DAY</u>	<u>MONTH</u>	<u>ANNUAL</u>
LABOR	\$1,960.00	\$ 49,000.00	\$ 588,000.00
LAB COST	40.00	1,000.00	12,000.00
ELECTRICITY	200.00	5,000.00	60,000.00
EQUIPMENT MAINTENANCE	243.06	6,076.39	72,916.68
INSURANCE	84.03	2,100.69	25,208.82
FUEL AND OIL	230.00	5,750.00	69,000.00
TAX AND LICENSE	15.00	375.00	4,500.00
OFFICE EXPENSE	80.00	2,000.00	24,000.00
ROLLING STOCK LEASE	<u>2,000.00</u>	<u>50,000.00</u>	<u>600,000.00</u>
TOTAL	<u>\$4,852.09</u>	<u>\$121,302.08</u>	<u>\$1,455,624.96</u>





United States Department of the Interior

BUREAU OF MINES

RENO RESEARCH CENTER

1605 EVANS AVENUE
RENO, NEVADA 89512

October 1, 1985

Mr. Clay Thorne
Southwestern States Investment Corp.
P.O. Box 392
Payson, AZ 85547

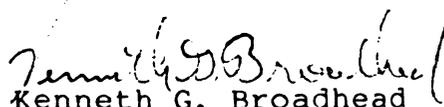
Dear Mr. Thorne:

We have completed the examination and analyses on the samples you submitted September 4, 1985. The samples you submitted are identified as follows:

- #1--Ore
- #2--Concentrate
- #3--Os;PJ powder
- #4--White metal
- #5--White powder
- #6--Gold/platinum balls
- #7--Tubular gold
- #8--Balls

These analyses are based on the sample(s) as received. The Federal Bureau of Mines claims no knowledge of the geographic source, type of deposit, method of sampling, or means of sample preparation.

Sincerely,


Kenneth G. Broadhead
Research Supervisor

Enclosure

*NOTE REPORT # 4 SHOWING MAKEUP OF IRON
BALLS + PLATINUM*

INDUCTIVELY COUPLED PLASMA ANALYSIS

SUBMITTED BY: Bronthead
SAMPLE SET NO.: P2-440

ANALYST: W BARRY

DATE SUBMITTED: 9/14/85
DATE COMPLETED: 9/12/85

SAMPLE	AG	AL	AS	BA	BE	BI	CA
#5.	99	0.21%	< 60	28	0.54	< 60	53.7%

SAMPLE	CD	CO	CR	CU	FE	K	LA
#5.	43	17	500	41	0.24%	840	37

SAMPLE	LI	MG	MN	MO	NA	NB	NI
#5.	* 12	0.92%	71	120	1.1%	28	440

SAMPLE	P	PB	SB	SN	SR	TE	TI
#5.	< 200	84	< 60	44	86 *	40	100

SAMPLE	V	W	ZN	ZR
#5.	* 24 *	95	8.4	0.13%

SILVER

RESULTS ARE REPORTED IN PPM UNLESS OTHERWISE INDICATED
(UC/ML=MICROGRAMS/ML; G=GRAMS/L)

NOTE: < INDICATES THAT THE RESULT IS LESS THAN THE GIVEN VALUE
* INDICATES THAT THE RESULT IS NEAR THE DETECTION LIMIT
AND MUST BE INTERPRETED ACCORDINGLY

Mineralogy Lab Report

Sample No. PZ-440

Date 9/4/85

Submitted by: Broadhead

*63
PZ-440*

#1 Na, Si, Al, mg, Fe (need thin section to establish rock name)

#2 Pb, Cu and minor Ag

#6 Fe 1-2 mm

#7 (Cu) and tramp metal

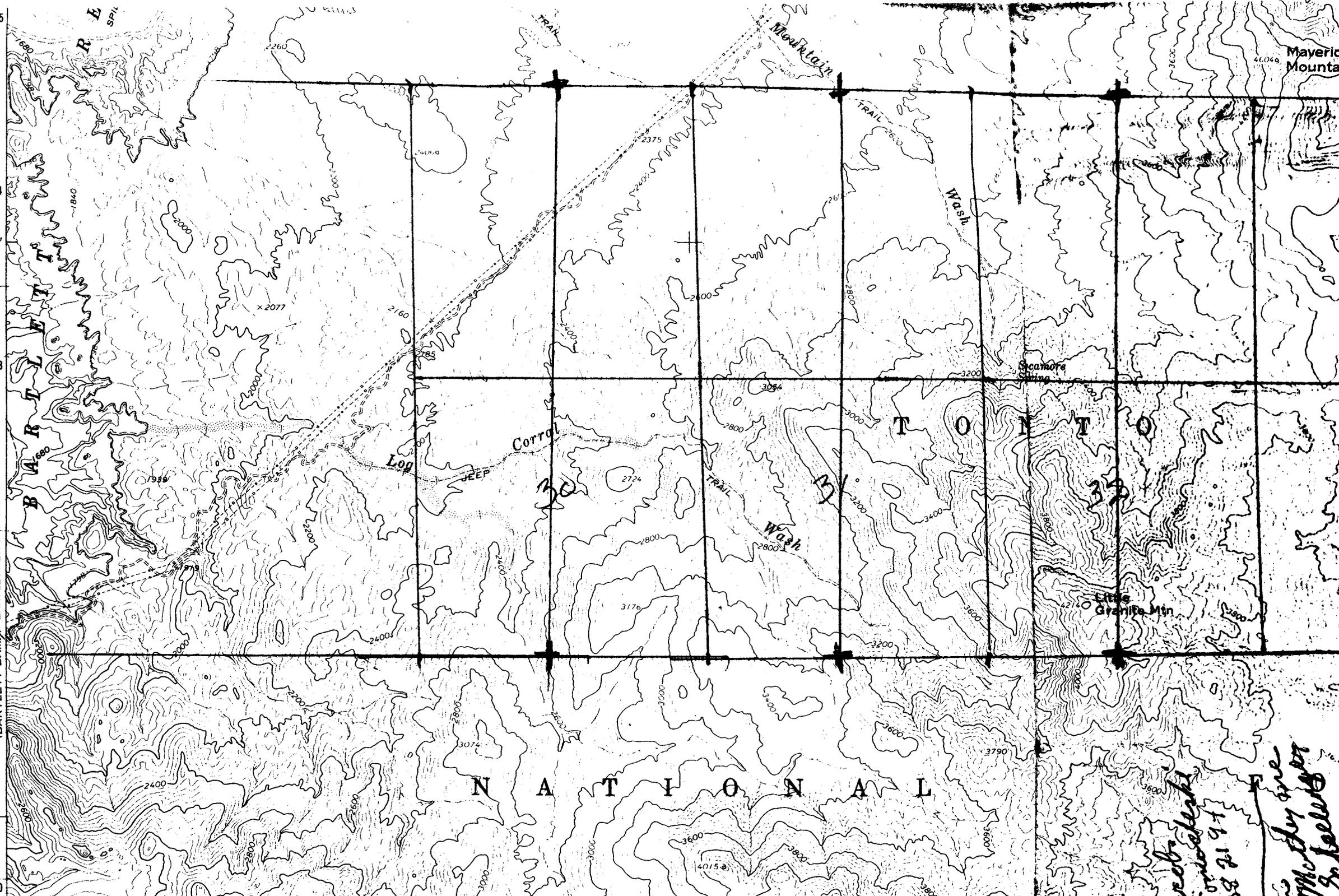
#8 Fe and Pt-Fe 1-2 mm

Scanned



Analyst: Lm Date 9/6/85

3745
3744
50'
3743
3651 / SW (BARTLETT DAM) / BARTLETT DAM 4.7 MI.
3740



N A T I O N A L

web collected on 11-9-58 28 21 9-1
McArthur are on 2nd level

MINERAL PROPERTIES
BLACK MESA GOLD-SILVER PROPERTY
33-20 ACRE CLAIMS = 660 ACRES AND 42-20 ACRE CLAIMS = 840 ACRES

Ownership: Clay-Thorne and Others

Location: 72 Miles North East from Phoenix, Arizona

Elevation: 3,500'

Land Status: BLM Land Current

Maps: Enclosed

Road Access: Paved Highway Splits Land

Fuel Supplies: In Town

Mining Season: 12 Months

Chemical Analysis: Good Gold-Silver & PT

Geological Reports: Some

Previous Production: None

Mail Service: In Town

Taxes: None

Assessment Work Status: Current

Reserves: Over 20 Million Tons

Water Available: Creek Near Property

Production Days Per Year: 365

Purity: High Grade

Claim Name: Black Mesa Leach Property

For information on this property, please contact Marks O. Morrison, President; Industrial Minerals #2, Inc.; 1715 1st Avenue; Scottsbluff, Nebraska 69361. Phone (308) 632-6300.

SALE PRICE
BLACK MESA DEPOSIT
HEAP LEACH GOLD SILVER

Cash Price: 660 Acres @ \$2,000.00 Per Acre \$1,320,000.00

Cash Price & Terms Full Payout:

660 Acres @ \$2,200.00 Per Acre
Total Sale Price \$1,452,000.00
Down Payment \$100,000.00
Terms on Balance: 10 Years @ 10% Interest

Lease Terms Full Payout:

Full Payout Price \$1,750,000.00
Down Payment \$100,000.00
Royalty Payment Per Ton \$5.00

Minimum Annual Payment Paid Quarterly:

Year 1 \$ 50,000.00
Year 2 \$100,000.00
Year 3 \$125,000.00
Year 4 \$150,000.00
Year 5 \$150,000.00

And All Following Years Until \$1,750,000.00 Paid
Plus 10% of All Precious Metals Recovered until Full Payout.

Lease Terms No Payout:

Down Payment \$100,000.00
Royalty Payment Per Ton \$5.00

Minimum Annual Payment Paid Quarterly:

Year 1 \$ 50,000.00
Year 2 \$ 75,000.00
Year 3 \$100,000.00
Year 4 \$150,000.00
Year 5 \$150,000.00

And All Following Years
Plus 10% of All Precious Metals Recovered, Gross Recovery.

Failure to meet any payments will terminate lease and property is returned to owners with no refunds.

Estimated Value of Deposit Reserves: 20 Million Tons

Wholesale Price F.O.B. Mine: \$40.00 Per Ton

Conservative Value of Deposit: \$80,000,000.00

GOLD - SILVER - PT. METALS

SALE PRICE
BLACK MESA DEPOSIT
HEAP LEACH GOLD SILVER

Cash Price: 840 Acres @ \$2,000.00 Per Acre \$1,680,000.00

Cash Price & Terms Full Payout:

840 Acres @ \$2,200.00 Per Acre
Total Sale Price \$1,848,000.00
Down Payment \$100,000.00
Terms on Balance: 10 Years @ 10% Interest

Lease Terms Full Payout:

Full Payout Price \$2,000,000.00
Down Payment \$100,000.00
Royalty Payment Per Ton \$5.00

Minimum Annual Payment Paid Quarterly:

Year 1 \$ 50,000.00
Year 2 \$100,000.00
Year 3 \$125,000.00
Year 4 \$150,000.00
Year 5 \$150,000.00

And All Following Years Until \$2,000,000.00 Paid
Plus 10% of All Precious Metals Recovered until Full Payout.

Lease Terms No Payout:

Down Payment \$100,000.00
Royalty Payment Per Ton \$5.00

Minimum Annual Payment Paid Quarterly:

Year 1 \$ 50,000.00
Year 2 \$ 75,000.00
Year 3 \$100,000.00
Year 4 \$125,000.00
Year 5 \$150,000.00

And All Following Years
Plus 10% of All Precious Metals Recovered Gross Recovery.

Failure to meet any payments will terminate lease and property is returned to owners with no refunds.

Estimated Value of Deposit Reserves: 20 Million Tons
Wholesale Price F.O.B. Mine: \$40.00 Per Ton
Conservative Value of Deposit: \$80,000,000.00

GOLD - SILVER - PT. METALS

6

A. S. T. LABORATORIES, INC.
- Atomic Spectroscopy & Testing -

7340 E. Sweetwater Ave. * SCOTTSDALE, Az. 85260 * (602) 948-6907
(602) 991-4320

CERTIFIED TEST REPORT NO : U-0220

Date : 86/01/17
Ast No :
Customer : MINGUS CONSTRUCTORS INC.
Address : P.O.Box 1999
City : Cottonwood State : Az. Zip : 86326 Country :
Your P.O. : Verbal

Lot No : Black Mesa Project Heat No :
Part No : S/N : #1
Job No : Material : White Powder (1.908g)
Specification :

CHEMICAL ANALYSIS - Semiquant
Common Elements

Ppm's : FGE's : XX.
Noble Elements

Ag	Ni		Ag	0
Al	P		Au	N.D.
As	Pb		Pd	N.D.
B	Sb		Pt	N.D.
Ba	Se		Ir	445 29.5
Be	Si		Os	N.D.
Bi	Sn		Rh	N.D.
Ca	Sr		Ru	N.D.
Cb	Ta			
Cd	Ti			
Co	W			
Cr	V			
Cu	Zn			
Fe	Zr			
Ga	B			
Hg				
Mn				
Mo				

Values in : % Values in : ppm
* = <.001 % or N.D. ! Note ! = ***

N.D. = Not Detected !

1 ppm = .029 U.S.'s / Ton

*** = THE ELEMENTS shown, are in the values indicated, and are present in the sample in an uncombined state, or in physical combination with other material, or in a chemical compound with other elements. Such elements may or may not be recoverable in quantities indicated

Respectfully submitted

A.S.T. Laboratories, Inc.

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7

A. S. T. LABORATORIES, INC.
- Atomic Spectroscopy & Testing -

40 E. Sweetwater Ave. * SCOTTSDALE, Az. 85260 * (602) 948-6907
(602) 991-4320

CERTIFIED TEST REPORT NO : U-0221

Date : 86/01/17

Asst No :

Customer : MINGUS CONSTRUCTORS INC.

Address : P.O.Box 1999

City : Cottonwood

State : Az. Zip : 86326 Country :

Your P.O. : Verbal

Lot No : Black Mesa Project

Heat No :

Part No :

S/N : #2

Job No :

Material : Zn Leach

Specification :

CHEMICAL ANALYSIS - Semiquant
Common Elements

PPM's : PGE's : XXX
Noble Elements

Ag	Ni		Ag	19.55
Al	P		Au	1634.95
As	Pb		Pd	Trace
B	Sb		PL	9.26
Be	Se		Ir	89
Bi	Si		Os	1238
Ca	Sn		Rh	23
Cb	Sr		Ru	1682
Cd	Ta			
Co	Ti			
Cr	W			
Cu	V			
Fe	Zn			
Ga	Zr			
Hg	S			
Mn				
Pb				

Values in % * = <.001 % or N.D. ! Values in ppm Note ! = ***

N.D. = Not Detected !

1 ppm = .029 Oz. % / Ton

*** - THE ELEMENTS shown, are in the values indicated, and are present in the sample in an uncombined state, or in physical combination with other material, or in a chemical compound with other elements. Such elements may or may not be recoverable in quantities indicated!

Respectfully submitted

A.S.T. Laboratories, Inc.

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(8)

A. S. T. LABORATORIES, INC.
- Atomic Spectroscopy & Testing -

10 E. Sweetwater Ave. * SCOTTSDALE, AZ. 85260 * (602) 948-6907
(602) 991-4320

CERTIFIED TEST REPORT NO : 0-0222

Date : 86/01/17
 Ast No :
 Customer : MINGUS CONSTRUCTORS INC.
 Address : P.O.Box 1999
 City : Cottonwood State : Az. Zip : 86326 Country :
 Your P.O. : Verbal

Lot No : Black Mesa Project Heat No :
 Part No : S/N : #3
 Job No : Material : Solution Residue (2.801g)
 Specification :

CHEMICAL ANALYSIS - Semiquant
Common Elements

Hg	: .003-.01	Ni	: .01-.03
Al	: 1.-5.	P	: .05-.3
As	: .005-.03	Pb	: .01-.05
B	: .005-.03	Sb	: *
Ba	: .005-.03	Se	: *
Be	: .005-.03	Si	: .5-3.
Bi	: .03-.1	Sn	: .005-.03
Ca	: .5-3.	Sr	: .03-.1
Cb	: Trace	Ta	: Trace
Cd	: *	Ti	: .005-.03
Co	: .01-.05	W	:
Cr	: .001-.005	V	: .03-.1
Cu	: .01-.03	Zn	: .5-3.
Fe	: 1.-5.	Zr	: .005-.03
Ga	: *	S	:
Mg	: 1.-5.		
Mn	: .5-3.		
Mo	: *		

PGM's : PGE's : XXX
Noble Elements

Ag	: 27
Au	: 536 15.76
Pd	: Trace
Pt	: 45 1.32
Ir	: 490 14.4
Os	: 15700
Rh	: 268 7.88
Ru	: >6000

Values in %
* = <.001 % or N.D. !

Values in ppm
Note ! = ***

N.D. = Not Detected !

1 ppm = .029 U.S. / Ton

*** = THE ELEMENTS shown, are in the values indicated, and are present in the sample in an uncombined state, or in physical combination with other material, or in a chemical compound with other elements. Such elements may or may not be recoverable in quantities indicated!

Respectfully submitted

[Signature]
A.S.T. Laboratories, Inc.

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J. B. LABORATORY

Specialists In Precious Metal Recovery

2702 S. 45TH ST. PHOENIX, AZ 85034 (602) 966-8103

PROJECT Clay Thurn

PP _____

SAMPLE #	DATE	PROCESS TO RUN.	WT TO USE	CON WT	Cupel DOR'E WT	DRILL WT	VOL ML
1773	1/31/80		4.9832 gm		.0614		50

ELEMENT	PPM	OZ PER TON HD ORE	OZ PER TON CON	OZ PER TON DOR'E	VALUES
AU	87			18.164	.908 g
OS	.14			.029	
PT	.36			.075	
AG	3140			655.59	AG - 32.75
Pd	.17			.035	
IR	1.06			.22	.01 g
RU	.29			.06	
Rh	.24			.05	

COMMENTS

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PHASE I OF BLACK MESA (12)
MINING PROJECT
LOCATION OF OPEN PIT EXCAVATIONS

I THE MINERALIZED AREA IS 1800' X 2,000'

II ① Pit # 1 is approximately 1200' So of Highway 87 ONE DIRECTION + 1600' FROM THE EAST THE OTHER DIRECTION.

② Pit # 2 is 330' So IN ONE DIRECTION + 1400' EAST THE OTHER DIRECTION.

III APPROXIMATELY 20,000 CU YDS WILL BE EXCAVATE FROM Pit # 1 AND 11,000 CU YDS FROM # 2

IV ALL SAGUARO AND DESERT PLANTS WILL BE RELOCATED OUTSIDE OF WORK AREA.

V A CATTLE GUARD WILL BE INSTALLED AT THE MAIN GATE

VI COLOR CODE

① ORANGE = EXISTING OLD ROADS

② GREEN = PIT # 1

③ YELLOW = PIT # 2

④ BLUE = NEW HAUL ROAD

⑤ BLACK = OUTLINE OF MINERALIZED AREA.

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

SPARKS, NEVADA 89431

TELEPHONE: (702) 358-6227

①①

*Results of Dore beads
Fire assayed at Claybourne's
Lab*

August 8, 1986

LANCE

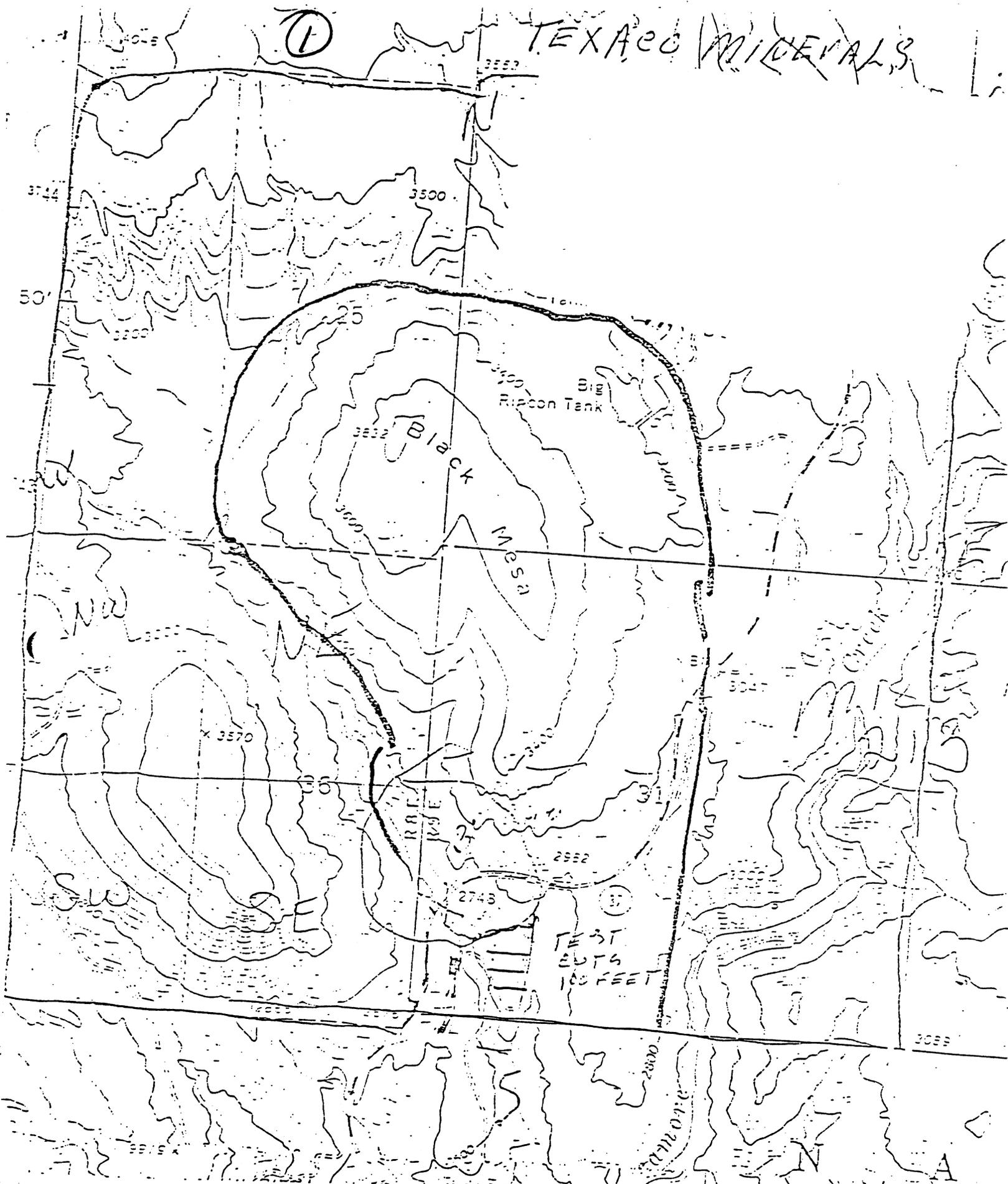
Sample Mark	Dore' wt. milligrams	Gold- 1 AT milligrams	Gold-1/2 AT milligrams
7787 AJ	0.031 = .62 oz PT	0.018 = .18 oz PT	
7891 AJ	0.042 = .87 oz PT		0.022 = .44 oz PT .240 net Au .88 oz PT

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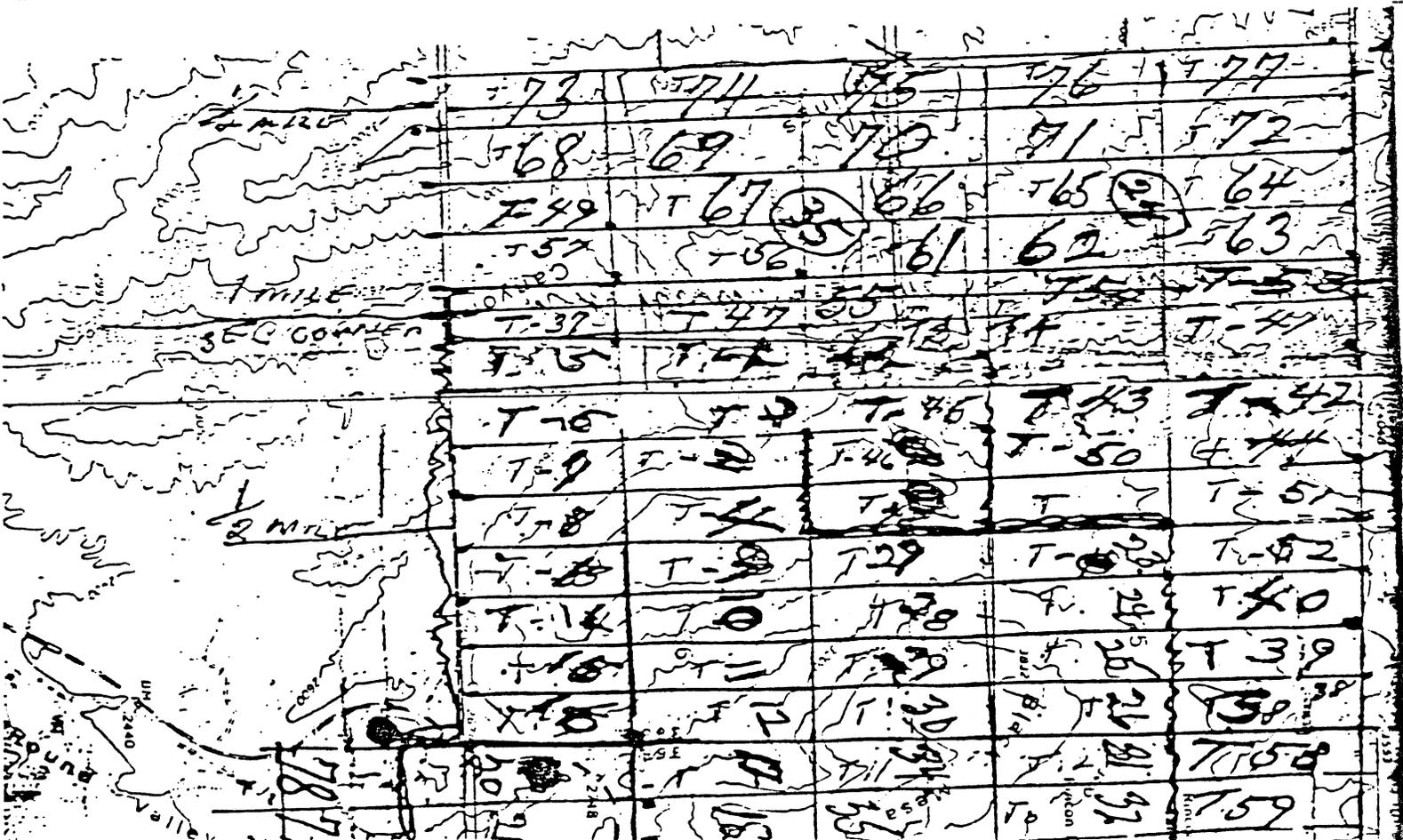
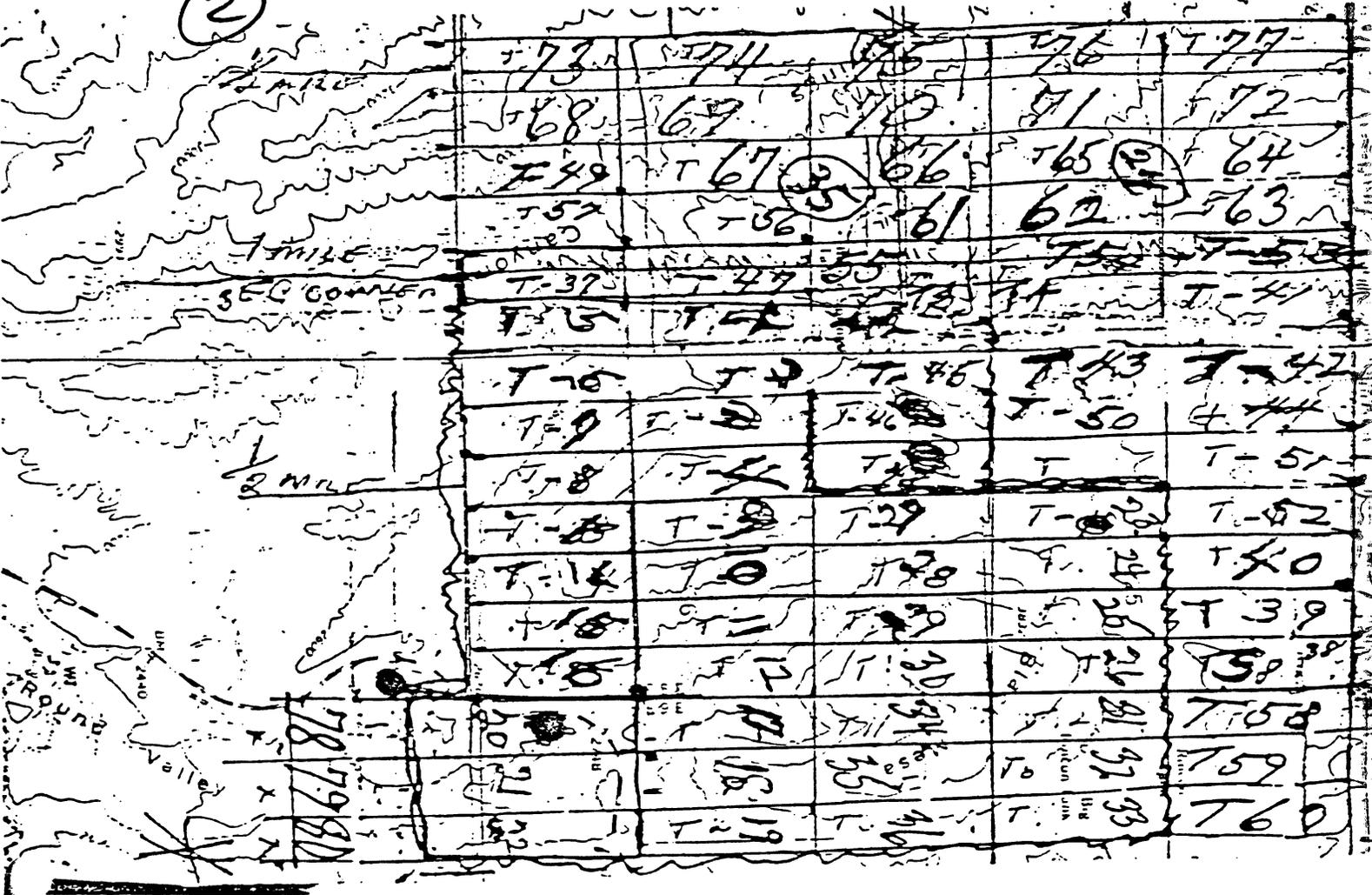
TEXACO MINERALS



BLACK MESA

30-20 ACRE CHAINIS NAT FOREST

②



3

Bondar-Clegg & Company Ltd.
5420 Canoe Rd.
Oshawa Ontario
Canada M1J 5N5
Phone: (613) 749-2220
Telex: 055-2223



BONDAR-CLEGG

Certificate
of Analysis

REPORT #: 416-0050

Sample Number	Au. ppm	Ir ppm	Os ppm	Pt ppm	Ru ppm	Rh ppm	Pd ppm
Black Mesa Ammonia Drop	2	L0.5	L2	L15	L20	N/A	N/A
Black Mesa Concentrate	100	L0.5	L5	L20	L30	N/A	N/A
Black Mesa Pt + Ir (metal)	15000	L1.0	L30	L1000	L100	N/A	N/A
Black Mesa 8 oz bar	25000	L1.0	L30	L1000	L100	N/A	N/A

C. Hawker

4

ACS LABS
ANALYTICAL CONSULTING SERVICES
6251 Corporate Drive • Houston, Texas 77036 • (713) 995 1180

January 29, 1986

Mr. Clay Thorn
501 South Rimview Circle
Payson, Arizona 85541

Subject: Analysis of five samples.

Re: Lab No. 9339

Analytical Data: Results reported in troy oz. per ton.

<u>Sample I.D.</u> -----	<u>Gold</u> ----	<u>Silver</u> -----	<u>Platinum</u> -----
Mesa	0.11	0.06	0.66
S	5.34	13.53	-
Mixed Ore	6.47	9.33	-
Short drum	4.55	10.85	-
Crown	18.90	13.65	-

Quality Assurance: Samples are analyzed in accordance with EPA, Standard Methods, or ASTM procedures with at least 10% analyzed in duplicate. Serial dilutions and/or process spikes are routinely employed to assure accuracy and precision of the reported data.

ANALYTICAL CONSULTING SERVICES, INC.

Elessa Sommers
Elessa Sommers
Lab Supervisor

ES/bdm.

5

A. S. T. LABORATORIES, INC.
- Atomic Spectroscopy & Testing -

7340 E. Sweetwater Ave. * SCOTTSDALE, Az. 85260 * (602) 948-6907
(602) 991-4320

CERTIFIED TEST REPORT NO : 0-0213

Date : 85/12/23
Ast No :
Customer : K.P.LAMARR/ dba Lamarr's Excavating & Trucking
Address : P.O.Box 392
City : Payson State : Az.Zip : 85547 Country :
Your P.O. : Verbal

Lot No : Heat No :
Part No : S/N : Black-Masa
Job No : Material : Ore Concentrate
Specification :

CHEMICAL ANALYSIS - Semiquant
Common Elements

PGM's : FGE's : XXX
Noble Elements

Ag :	Ni :	032.75	Ag :	107310
Al :	P :		Au :	36210.498
As :	Pb :	7.94	Pd :	1 .0290
B :	Sb :		Pt :	17 0.498
Be :	Se :		Ir :	130 3.770
Bt :	Si :		Os :	870 25.23
Ca :	Sn :		Rh :	23 0.66
Cb :	Sr :		Ru :	>1000 29.00
Cd :	Ta :	4.96		
Co :	Ti :			
Cr :	W :			
Cu :	V :			
Fe :	Zn :			
Ga :	Zr :			
Mg :	S :	21.9		
Mn :				
Mo :				

Values in : %
* = <.001 % or N.D. ! ! Values in : ppm
Note ! = ***

N.D. = Not Detected !

1 ppm = .029 Oz.'s / Ton

*** = THE ELEMENTS shown, are in the values indicated, and are present in the sample in an uncombined state, or in physical combination with other material, or in a chemical compound with other elements. Such elements may or may not be recoverable in quantities indicated!

Respectfully submitted

[Signature]
A.S.T. Laboratories, Inc.

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10

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

SPARKS, NEVADA 89431

TELEPHONE: (702) 358-6227

REPORT OF ANALYSIS

Submitted by:

Date: August 21, 1986

HOMESTAKE MINING COMPANY
330 CONEY ISLAND DRIVE
SPARKS, NEVADA 89431

Laboratory number: 0

Analytical Method: ICP/MS
Semi-Quant.

Your Order Number:

Report on: 1 Samples, cast

Element	parts per million	Element	parts per million
Sample No. Cast		Mercury	-
Aluminum	270	Molybdenum	45
Antimony	10	Nickel	350
Arsenic	160	Niobium	
Barium	8	Potassium	-20
Beryllium	-2	Rubidium	-
Bismuth	-2	Scandium	-2
Cadmium	7	Silver	180
Calcium	-2000	Sodium	120
Chromium	320	Strontium	-
Cobalt	480	Thallium	-
Copper	11,000	Tin	1
Gold	850	Titanium	2
Iron	+370,000	Tungsten	20
Lead	590	Vanadium	40
Lithium	-2	Yttrium	-
Magnesium	65	Zinc	7
Manganese	2800	Uranium	-

14.00
0.5 Ton
24.99

0.5 Ton
52.50

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HUNTER MINING LABORATORY, INC.

Vern L. Hallmark



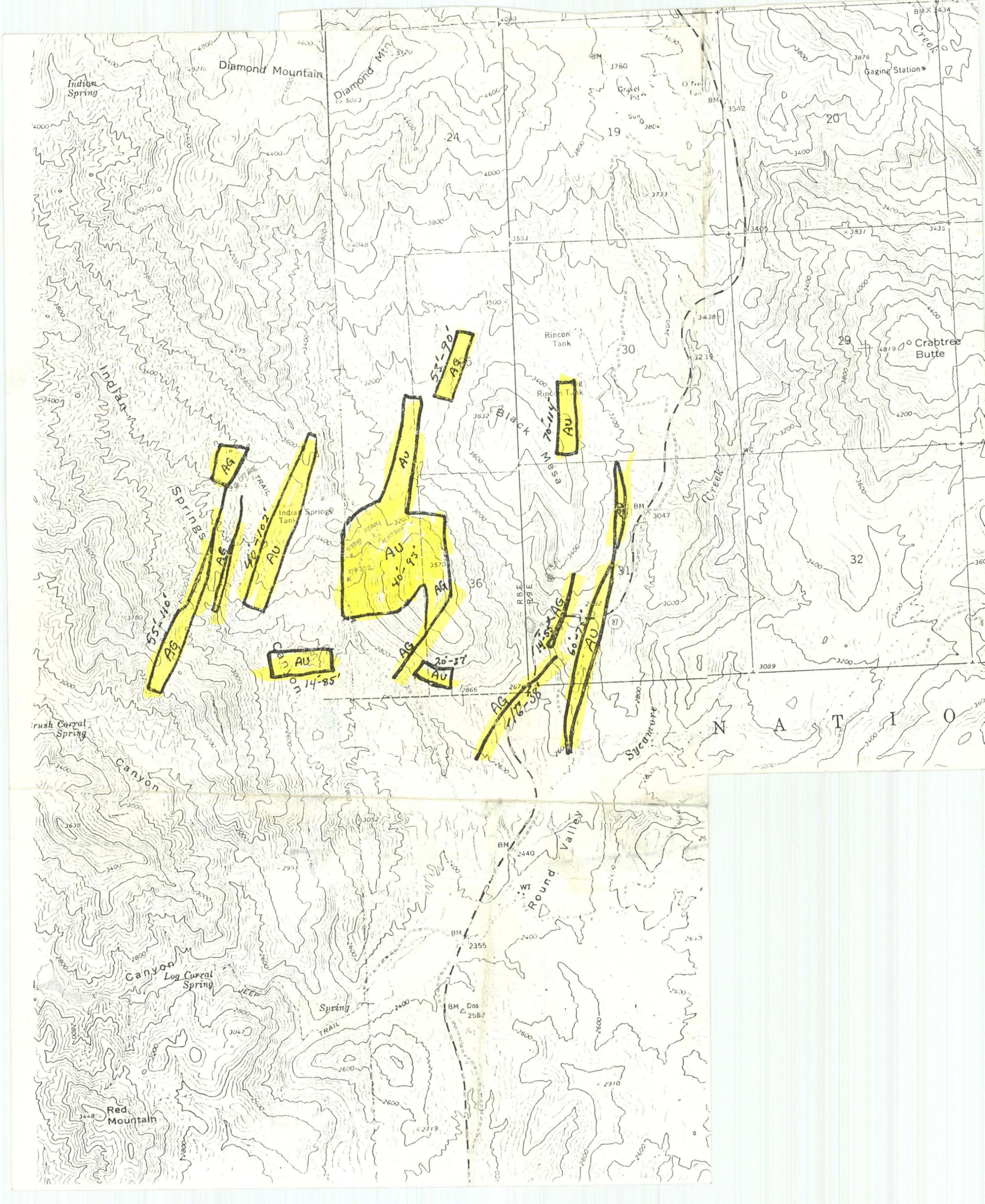
REPORT: 127-2634

PROJECT: TH

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	As PPM	Hg PPB	Au PPB	Sb PPM
R2 TH-01		0.1	23	5	<5	<2
R2 TH-02		2.2	<2	<5	<5	10=
R2 TH-03		<0.1	150	20	<5	<2
R2 TH-04		4.0	18	3400	60	4
R2 TH-05		0.3	120	50	<5	2
R2 TH-06		<0.1	500	25	<5	2
R2 TH-07		25.0	10	850	90	125
R2 TH-08		1.0	52	120	<5	7
R2 TH-09		0.2	39	<5	<5	5
R2 TH-10		>50.0	320	220	600	<2

3.32
09T



Indian Spring

Diamond Mountain

Diamond Mt. 5013

Gravel Pit

Gaging Station

Crabtree Butte

Indian Spring

55-110
AG

AG

40-93
AU

40-93
AU

53-90
AG

AU

14-85
AU

20-37
AU

45-110
AG

60-71
AU

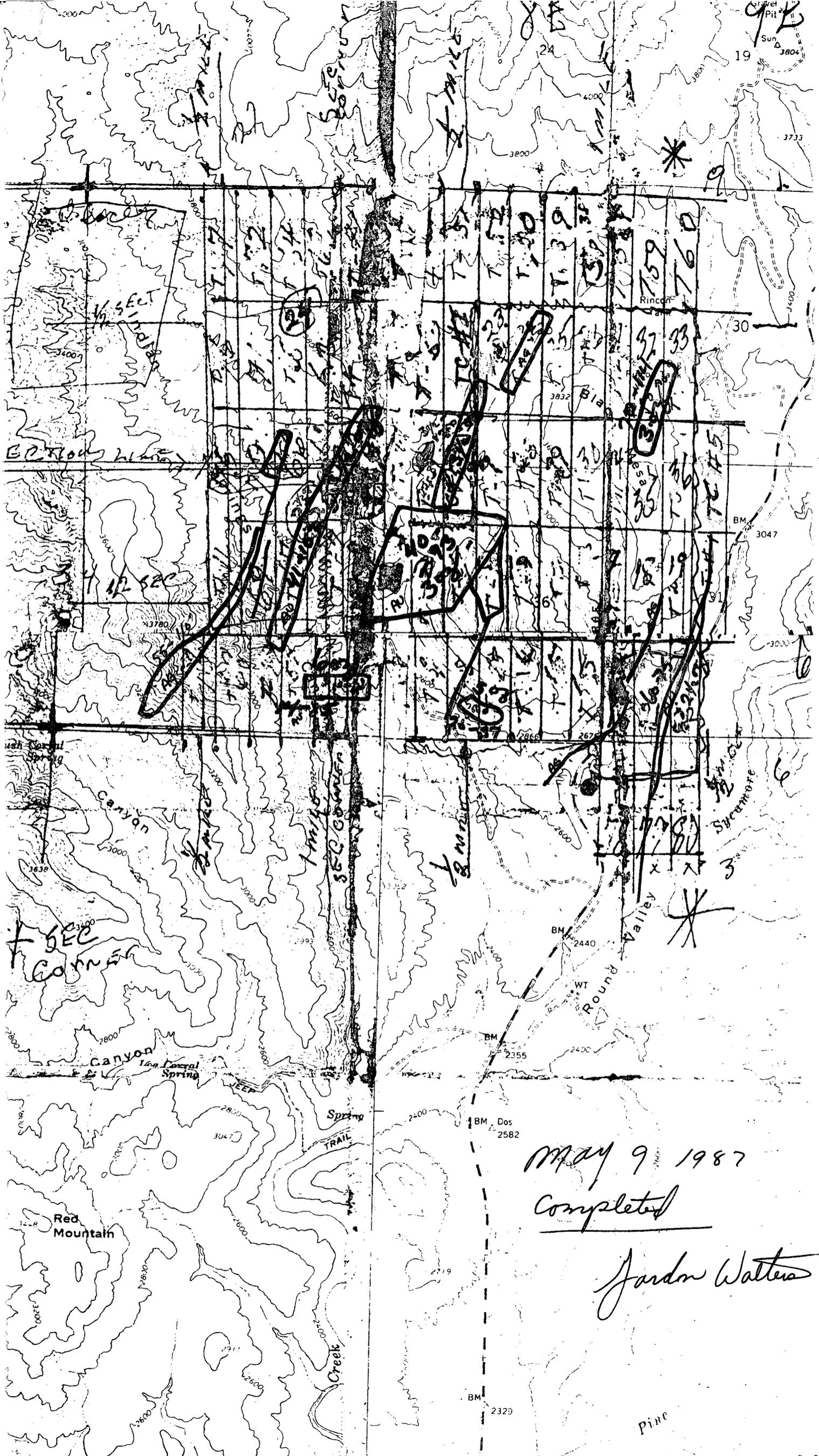
Canyon

Log Currel Spring

Red Mountain

Round Valley

N A T I O



May 9 1987
Completed

Jordan Walters

Pine

#1

Five: Assay ICP LABORATORY REPORT

Submitted by: Brandhead

Date Completed: 9/24/85

Date Submitted: 9/4/85

Analyst: Wang

Reported as: 02/10.0 (unless otherwise stated)

PZ-440

SAMPLE NUMBER

Element	#1	#1	#2	#2	#3	#3	#4
Ac							
Al							
As							
Au	.002	.002	2.233	2.245	.036	.044	1.237
B							
Ba							
Be							
Bi							
Ca							
Cd							
Co							
Cr							
Cu							
Fe							
Ga							
Hg							
K							
La							
Li							
Mg							
Mn							
Mo							
Na							
Nb							
Ni							
P							
Pb							
Pd	<.001	<.001	.004*	.004*	.006*	<.004*	<.004
Pt	.002*	.002*	.007*	.011*	.010*	.007*	.029
Sb							
Se							
Si							
Sn							
Sr							
Te							
Th							
Ti							
U							
V							
W							
Y							
Zn							
Zr							

* close to detection limit

