CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

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Vulture Core for Metallurgical Tests

	Hole No.	From	To	Interval (ft)	Iron King Assay oz/t	Approx. Weight (lbs)
Sample of Qpi	M-1	43	46	3	0.073	98
	M-1	48	50	2	0.028	65
	M-1	52	54	2	0.053	65
	M-1	75	80	5	0.042	164
	M-1	80	84	4	0.050	131
						523
Sample of hanging wall	M-2	11	16	5	2.190	164
	M-2	27	32	5	0.015	164
	M-2	40	45	5	0.026	164
	M-2	50	54	4	0.080	131
	M-1	39	43	4	0.049	131
						752
Sample of footwall	M-1	61	62	1	0.096	33
	M-1	84	85	1	0.099	33
	M-1	65	70	5	0.013	164
	M-3	24	27	3	0.030	98
	M-3	14	19	5	0.011	164
						491

Vulture Core for Metallurgical Tests

		From	To	Interval (ft)	Assay oz/t	Weight (lbs)	Wt'd Average
Sample of Qpi	M-1	43	46	3	0.073	98.0	7.154
	M-1	48	50	2	0.028	65.0	1.82
	M-1	52	54	2	0.053	65.0	3.445
	M-1	75	80	5	0.042	160.0	6.72
	M-1	80	84	4	0.050	130.0	6.5
						518	0.049
Sample of hanging wall	M-2	11	16	5	2.190	15.0	32.85
	M-2	27	32	5	0.015	160.0	2.4
	M-2	40	45	5	0.026	160.0	4.16
	M-2	50	54	4	0.080	130.0	10.4
						465	0.107
Sample of footwall	M-1	61	62	1	0.096	30.0	2.88
	M-1	84	85	1	0.099	30.0	2.97
	M-3	24	27	3	0.030	90.0	2.7
						150	0.058

Vulture Core for Metallurgical Tests

October, 1986

Hole No.	From	To	Interval (ft)	Rock Type	Assay oz/t	Weight (lbs)
M-1	39	43	4	h.w.	0.049	130.8
	43	46	3	qpi	0.073	98.1
	46	48	2	qpi	0.006	65.4
	48	50	2	qpi	0.028	65.4
	50	52	2	qpi	0.003	65.4
	52	54	2	qpi	0.053	65.4
	54	58	4	int.	0.003	130.8
	58	61	3	int.	0.006	98.1
	61	62	1	int.	0.096	32.7
	62	65	3	int.	0.011	98.1
	65	70	5	int.	0.013	163.5
	70	75	5	int.	0.009	163.5
	75	80	5	qpi	0.042	163.5
	80	84	4	qpi	0.050	130.8
	84	85	1	f.w.	0.099	32.7
M-2	11	16	5	h.w.	2.190	163.5
	16	21	5	h.w.	0.006	163.5
	21	27	6	h.w.	0.005	196.3
	27	32	5	h.w.	0.015	163.5
	32	40	8	h.w.	0.012	261.7
	40	45	5	h.w.	0.026	163.5
	45	50	5	h.w.	0.012	163.5
	50	54	4	h.w.	0.080	130.8
	54	58	4	h.w.	0.017	130.8
	58	63	5	h.w.	0.009	163.5
	63	68	5	h.w.	0.002	163.5
M-3	14	19	5	f.w.	0.011	163.5
	19	24	5	f.w.	0.003	163.5
	24	27	3	f.w.	0.030	98.1
	27	31	4	f.w.	< 0.001	130.8
	32	37	5	f.w.	0.005	163.5
	37	41	4	f.w.	0.005	130.8

Carol @ Dawson

DAWSON
METALLURGICAL
LABORATORIES, INC.

P.O. Box 7685
5217 Major Street
Murray, Utah 84107-0685
Phone: 801-262-0922

December 29, 1986

DMEA LTD.
JAN 2 1987
RECEIVED

DMEA LTD.
7340 E. Shoeman Lane
Suite 111 "B" (E)
Scottsdale, Arizona 85251-3335

Attn: Mr. Ben F. Dickerson III

Subject: Time Delays Involved in Testing of Ore Samples From the Vulture Mine. Our Project No. P-1300.

Gentlemen:

We received your letter December 27, 1986 concerning the time delays involved in testing ore samples from the Vulture Mine.

The samples in question were received October 28, 1986. At this time our laboratory was backlogged with approximately 50 large samples from seven separate projects. In order to treat each client fairly, project samples are prepared on a first in - first out basis, therefore, 3 weeks time elapsed before the Vulture Mine samples were prepared. Head assay results were received November 20, 25, and 26, 1986 from Assay Labs., Inc. The head assays were significantly different from the assay results attached to Ms. O'Brien's letter of October 23, 1986, therefore, duplicate head samples were submitted and the testwork postponed until these assays were received on December 4. At that time, ore composites were made and leach testing proceeded per instructions from Mr. Frank Millsaps.

As you mentioned in your letter, our laboratory is highly dependant on accurate, reliable assaying. Occassionally assay mistakes are made and must be corrected before testwork can proceed or continue. This, of course, results in project delays. However, we believe that reliable metallurgical results are our first priority.

At Dawson Metallurgical Laboratories we are proud of our reputation for producing reliable metallurgical results in a timely manner, and apologize for any inconvenience these project delays may have caused.

The following page summarizes the project status as of December 29, 1986.

- Coarse ore (minus 1 inch) bottle roll tests completed and results calculated on ore composite No.'s 1, 2, and 3.

- Bottle roll tests completed on composite No. 1 crushed to minus ½ and minus ¼ inch. Assay results pending.

- Column leach tests on composite No.'s 2 and 3 (minus 3/8 inch) started 12/29/86.

We will contact Mr. Millsaps periodically to update him as test results are received.

Sincerely,
DAWSON METALLURGICAL LABORATORIES, INC.

Philip Thompson

Philip Thompson,
Vice President

cc: Mr. Frank Millsaps

PT-cac

ORDER FOR ANALYTICAL SERVICES

U QX-046
1-16-86
87

Samples Sent to:

SKYLINE LABS, INC.
P.O. BOX 50106 • 1775 WEST SAHAURO
TUCSON, ARIZONA 85703
(602) 622-4836

Address Report To:
A.F. BUDGE (MINING) LTD.
7340 E SHOEMAN LANE
SCOTTSDALE AZ 85251

SUITE 111 BE
(Report and invoice in duplicate will be sent to above address unless otherwise instructed)

PROJECT NO.:
SHIPMENT NO.:
DATE SHIPPED:
SHIPPED VIA:
NO. OF CARTONS:
NO. OF SAMPLES:
(Information above helps us trace lost shipments)

Send Invoice To: SAME AS ABOVE
ATTENTION: A.J. FERNANDEZ

Send Copy of Report To:

PAYMENT FOR SERVICES REQUESTED MUST ACCOMPANY ORDER UNLESS CREDIT ARRANGED

LIST SAMPLE NOS.	DESCRIBE MATERIAL	LIST ELEMENTS TO BE DETERMINED (Give anticipated range of values, if possible) Describe any special sample preparation procedures desired.	INDICATE METHOD OF ANALYSIS*	✓ IF 31 – ELEMENT EMISSION SPEC SCAN DESIRED
T-38	AMALGATION TAILS	Hg		
T-16				
~~T-2~~				
T-50				
T-18				
T-35				
T-30				
T-23				
T-3				
T-56				
T-47				

(Use Continuation Sheet If Necessary)

INSTRUCTIONS

*METHOD OF ANALYSIS: G-Geochem, Q-Quantitative (Routine Assay)
F-Fire Assay

†SAMPLE STORAGE: Pulps stored 90 days pending instructions, bulk rejects stored 30 days pending instructions.

Enclose yellow original with samples, send white copy by mail, retain pink copy. White copy will be returned to shipper as an acknowledgement that shipment has been received.

INDICATE DESIRED DISPOSITION OF SAMPLES AFTER ANALYSIS	Bulk Rejects	Pulp
Return at customer's expense via:		
Store temporarily pending instructions†	X	X
Discard immediately		

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

REPORT OF ANALYSIS

JOB NO. UQX 046A
March 5, 1987
NO. T-3 TO T-56
RECEIVED 1-16-87

A.F. BUDGE (MINING) LIMITED
Attn: Mr.
DMEA Ltd.
7340 E. Shoeman Lane, 111-B (E)
Scottsdale, Arizona 85251

DMEA LTD.
MAR 10 1987
RECEIVED

Analysis of 5 Pulp Samples

ITEM	SAMPLE NO.	Hg* (ppm)
1	T-3	.96
3	T-18	6.00
5	T-30	2.90
7	T-38	4.70
9	T-50	3.70

*NOTE: Cyanide Soluble.

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

MILLSAPS MINERAL SERVICE, INC.

MARCH 18, 1987

Carole:

HERE ARE TWO PRINTS each of Plot Plan & General ARRANGEMENT of the recovery plant. Please mark up one copy of each for any changes needed and I will get them made and get a Piping diagram and electrical schematic done. Then details needed after that.

Hope to see you Wednesday the 25th.

Jack.

DMEA LTD.
MAR 20 1987
RECEIVED

ROOM 202 . 3865 WASATCH BLVD. . SLC. UT 84109 . . . (801)277-7130 OFC./277-0750 HOME

Meeting with Frank Millsaps, Thursday, March 27, 1987

Alternative processing of ore at Vulture: Agitated Leach (CIL) for 500 tpd capacity

2-stage crushing plant	$ 250,000
400 h.p. 9x9 ball mill	$ 275,000
50' thickener	$ 100,000
5, carbon columns	$ 25,000
tank, agitator & screens	$ 90,000
stripping circuit	$ 90,000
electrolytic circuit	$ 30,000
regeneration	$ 70,000
cyanide destruction	$ 15,000
retort and refining	$ 30,000
tailings disposal	$ 500,000
	$1,475,000
Contingency @ 15%	220,000
	$1,695,000

8-8½x11

plus excavation for foundation on ball mill, building.

thickener and leach tanks can be cut to move to another site

crushing plant will produce -½ in. feed for ball mill

grind with cyanide

Will need further tests; grindability tests on Qpi plus a composite sample from UVX (150 to 200 pounds from 925 drift).

one leach test on tails reduced to 200 mesh

agitated leach on Qpi at various sizing (i.e. 200 mesh, 150 mesh, etc.) to determine optimum grind.

also could run test, splitting material at, for example 35 mesh; +35 to heap leach; -35 to agitated leach.

slow feed of UVX high grade to increase retention time in tanks for maximum recovery of silver.

Brown&Root U.S.A., Inc.

Post Office Box 4574
Houston, TX 77210-4574

April 13, 1987

A. F. Budge (Mining) Ltd.
7340 East Shoeman Lane
Suite 11 "B" (E)
Scottsdale, AZ 85251

Attention: Ms. Carole A. O'Brien
Coordinator

Subject: Review of Metallurgical Test Work on the Vulture Mine Project

Dear Carole:

As we agreed by telephone, Messrs. Mr. Ramon Pizarro and George Rodger of our staff, have reviewed the Dawson Metallurgical Laboratories report that accompanied your letter to us dated March 3, 1987. Our people did not have time to prepare a formal report before leaving to begin a gold project for Atlas Consolidated in the Philippines. Therefore, I am providing a summary of their conclusions and recommendations, along with my own. Because of the time required, we did not feel justified in pursuing the possible relationships between the test results and the mineralogy and geology of the ore types.

Sampling and Assaying

Our first concern arises because of the wide discrepancies noted between the various head assays and also between these values and the back calculated heads. Summary results are presented below.

Sample	Au Assays, oz/to		
	Back Cal'd.	Assay Lab	Union Assay
Comp. No. 1-QPI	0.052	0.038*	0.029
Comp. No. 2-HW	0.049	0.016	0.007
Comp. No. 3-FW	0.047	0.031	Trace

*Based on resampled splits, initial value 0.116 oz/ton.

The Dawson report does not adequately describe the sample preparation steps that were followed. Gold ores do require special procedures and there is no indication that these were followed. At a minimum the report should have provided a detailed flow chart showing the mass balances on the samples and how they were processed. An example of such a flow chart is attached for your information.

Although there are two references to fire assaying on the QPI bottle roll test residues, it is unclear to us whether or not fire assaying was used on all samples. Also, the sample size was not given. Normally, this is one assay ton, but low grade samples may require two to five assay ton samples for good results. If these steps were followed, we do not understand the head grade discrepancies.

On balance, we feel that the grade variations cast some doubt on the metallurgical results, at least in terms of the percentage extractions. Sporadic coarse gold, poor liberation and refractory mineralogy may also be contributing factors to these variations.

QPI Ores

Gold extraction in bottle roll tests improved significantly with finer crushing, as noted below:

Size	Time	NaCN Consumed*	Extraction
- 1 in.	72 hrs	1.25 lb/ton	37.7%
- 1/2	72	1.28	57.4
- 1/4	72	1.42	62.9

*10 lb NaCN per ton of solution.

On the other hand, only 52% of the gold was extracted in a 19-day column leach test using ore that had been crushed to - 1/8 in. then agglomerated with 10 lb/ton of cement and 1.5 lb/ton of lime. These results suggest that fine crushing and agglomeration are of limited benefit as no further extraction was occurring at the end of the test. However, far too much cement was probably used. This supposition is based on the reported observation that agglomeration with only a little lime was sufficient to allow a free flow of solution through the agglomerates.

HW Ores

The HW composite was subjected to the same bottle roll test as the QPI sample, but gold extraction was better as noted below:

Size	Time	NaCN Consumed	Gold Extraction
- 1 in.	72 hrs	2.1 lb/ton	58.3%

When column leached at - 3/8 in. for 29 days, extraction reached 64.9% and was still increasing when the test was terminated.

FW Ores

The FW composite was also bottle roll tested, with good gold extraction as noted below:

Size	Time	NaCN Consumed	Gold Extraction
- 1 in.	72 hrs	2.2 lb/ton	74.3%

When column leached at - 3/8 in. for 29 days, extraction reached 83.7% and was still increasing.

General Discussion

The bottle roll test results suggest that the leachability of the QPI, HW and FW ores could be classed as refractory, average and good, respectively. Unfortunately, a comparative 29-day column leach test at -3/8 in. was not run on QPI material. This would have given a more accurate comparison of the heap leach potential of each ore type. However, an extraction of no more than 50% seems likely for the QPI ore, vs 65-85% for the others.

As we did not delve into the geology and mineralogy of the ore types, we cannot comment on the reasons for the differences in leachability. However, in view of the low ore grades, the levels of extraction do not seem abnormally low and the FW ore is an excellent candidate for leaching.

The continuing extraction after 29 days in the column tests does suggest that poor liberation is the cause of the low (and slow) recovery. In terms of heap leach potential, poor liberation actually means that the gold dissseminated in the coarse material is relatively inaccessible to the cyanide lixiviant. Strong evidence for this is found in the residue assay screens. With all three ore types, the percentage gold

distribution is higher than the percentage weight distribution for the coarser material, but lower for the finer sizes. In addition, the assays on the coarse residues are near the original ore grades while the assays on the fines are much lower. All this indicates that most of the gold extraction came from the fines, particularly the -10 mesh fraction. Unfortunately no assay screens are reported for the column feeds. Thus, there is no way to know how much gold was originally present in each size fraction or to estimate the percentage extraction from each fraction.

If the low ore grades are correct, there appear to be few alternatives to heap leaching with cyanide solution. Thus, we cannot suggest any "magic elixir" that will improve recovery dramatically. For example, the reported ore grades would not support crushing, grinding and agitated leaching. This would generally require a significant reserve tonnage at 0.1 oz/ton gold, or more. However, the test results do indicate that the costs of fine crushing and agglomeration need not be incurred as these operations appear to offer little improvement in recovery. As crushing and heap leaching (or possibly vat leaching) appear to be the most likely processing route, more test work to determine the optimum size range for each ore type would be in order.

Carole, we hope that the foregoing observations and conclusions prove to be of value to you. For your information, our normal practice would be to charge a one day consulting fee of $500 for this type of preliminary metallurgical/process review. Said amount could then be credited back if we enter into a contract to provide additional engineering services. However, in your case we would suggest reducing the fee to $250 with the same credit privilege.

We do have some excellent metallurgical engineers and I am enclosing resumes for Messrs. Pizarro and Rodger. If there is anything else we can do for you, please do not hesitate to contact us. We would appreciate the opportunity to work with you on any of your several precious metal projects.

Sincerely yours,

BROWN & ROOT U.S.A., INC.

W. J. Schlitt, P.E.
Manager of Technology
Mineral & Metal Industries

/dc

Attachment
Enclosures (2)

[redacted] PROJECT - SAMPLE PREPARATION PROCEDURES

LOT Nos 5, 6 & 7 — DECEMBER 11, [redacted]

USE THE SAMPLE PREPARATION PROCEDURES SHOWN BELOW FOR EACH OF THESE LOTS.

LOT No. 5 – 35.580 kg.
LOT No. 6 – 110.693 kg.
LOT No. 7 – 42.948 kg.

CRUSH TO -1/4" SIZE BY INDIVIDUAL SAMPLE BAGS

↓

CRUSH TO -10 MESH BY INDIVIDUAL SAMPLE BAGS

↓

MIX SAMPLES IN EACH LOT BY CONEING THREE TIMES

↓

1/4" SAMPLE RIFFLE

- APPROX. 150 GMS. FOR HEAD ASSAY
  - ↓ PULVERIZE TO 100% -100 MESH IN BRAUN PULVERIZER
  - ↓ CARPCO RIFFLE
    - APPROX. 100 GM. FOR [redacted] FOR AU, AG ASSAY
    - APPROX. 50 GM. → CHATTER BOX (TO -325M) → [redacted] FOR ZN, CU, PB, AS, FE, SiO_2, S ASSAYS
- SAMPLES FOR STORAGE (ABOUT 1/4 OF WEIGHT)
  LOT No. 5 – APPROX. 9 kg.
  LOT No. 6 – APPROX. 28 kg.
  LOT No. 7 – APPROX. 11 kg.
- CUT TO SAMPLE WTS OF 1,000 GM. EACH AND IDENTIFY BY LOT No.

IDENTIFY HEAD SAMPLES BY THEIR LOT NUMBERS.

MEMO

To: A. F. Budge

From: A. J. Fernandez

Date: June 17, 1987

Subject: Vulture

Attached is the updated estimate you requested. The column labeled "HIGH GRADE ($450)" represents the scenario processing the tailings and the high grade pit ore assuming a $450 gold price. The next column represents an expansion involving the remaining low grade pit ore assuming a $500 gold price in the future. Hence, the project total would be the sum of the two columns for a net project profit of $1,814,000 on production of 22,000 ounces.

Frank called while drafting this memo. His estimate of a 75-25 split at 48 mesh was based on the screen analysis of the Qpi sample used in the first column tests. This indicates that the crushing characteristics of the ore may vary considerably. Note that this is only the Qpi material. Frank is checking the screen analyses of the footwall and hangingwall material at my request. The agitated leach circuit may not yet be dead.

VULTURE MINE OPTIONS

	HIGH GRADE ($450)	EXPANSION ($500)
RESERVES-Rock (tons)	127,000	318,000
Grade (OPT)	0.086	0.052
Waste:Ore	3.6:1	2.6:1
Tails (tons)	225,000	
Grade (OPT)	0.045	
ORE TREATMENT RATE	1000 TPD	1000 TPD
PROJECT LIFE	18 months	12 MONTHS
RECOVERY-Rock	55%	55%
Tails	70%	
Total ounces	13,000	9,000
GROSS REVENUES @$450 per ounce	$ 5,850,000	$4,500,000
CAPITAL-Total	650,000	175,000
OPERATING		
Mining (Rock)	$ 875,000	$ 1,700,000
Mining (Tailings)	225,000	
Treating	2,000,000	1,800,000
Total	3,100,000	3,500,000
Per ounce	238.50	389
CASH FLOW SUMMARY		
Revenues	$ 5,850,000	$4,500,000
-Operating	3,100,000	3,500,000
-Royalties + Bonus	224,000	189,000
Operating Profit	2,450,000	811,000
-Capital Recovery	650,000	175,000
-Sunk Costs	622,000	
NET PROFIT	1,178,000	636,000

Vulture Mine Options (June 18, 1987)

Assumptions: Gold at $450.00/ounce

Tailings Reserve of 225,000 tons of 0.045 oz/t

High grade Reserves of 127,000 tons of 0.086 oz/t
with a Waste:Ore ratio of 3.6:1

Lower grade Reserves of 445,000 tons of 0.062 oz/t
with a Waste:Ore ratio of 2.9:1

	Heap Leach High Grade	Heap Leach Lower Grade	Heap Leach High Grade & C-I-L	Heap Leach Lower Grade & C-I-L	C-I-L
Gross Revenues	$5,892,570	$10,017,900	$6,944,625	$11,632,500	$14,425,988
Capital	$650,000	$765,000	$750,000	$865,000	$1,700,000
Operating Costs					
Mining (Rock)	$876,300	$2,603,250	$876,300	$2,603,250	$2,603,250
Mining (Tailings)	$225,000	$225,000	$225,000	$225,000	$225,000
Processing	$1,936,000	$3,685,000	$2,834,625	$4,861,875	$6,030,000
Royalties & Bonus	$351,960	$518,303	$362,700	$548,944	$662,719
Operating Profit	$2,503,310	$2,986,347	$2,646,000	$3,393,431	$4,905,018
Recovery of Capital	($650,000)	($765,000)	($750,000)	($865,000)	($1,700,000)
Sunk Costs (6-15-87)	($632,000)	($632,000)	($632,000)	($632,000)	($632,000)
Net Profit	$1,221,310	$1,589,347	$1,264,000	$1,896,431	$2,573,018
Mining Rate	1,000 tpd	1000 tpd	1,000 tpd 200 tpd	1000 tpd 200 tpd	500 tpd
Mine Life	1.3 yrs	2.5 yrs			

Vulture Mine Options (July 22, 1987)

Assumptions: Gold at $450.00/ounce

Tailings Reserve of 225,000 tons of 0.045 oz/t

High grade Reserves of 127,000 tons of 0.086 oz/t
with a Waste:Ore ratio of 3.6:1

Lower grade Reserves of 445,000 tons of 0.062 oz/t
with a Waste:Ore ratio of 2.9:1

	Heap Leach Tailings only	Heap Leach High Grade & Tailings	Heap Leach Lower Grade & Tailings	Heap Leach & C-I-L High Grade	Heap Leach & C-I-L Lower Grade
Gross Revenues	$3,189,375	$5,646,825	$9,397,125	$6,502,284	$10,515,105
Capital	$450,000	$650,000	$765,000	$1,615,000	$1,615,000
Operating Costs					
Mining (Rock)		$876,300	$2,603,250	$876,300	$2,603,250
Mining (Tailings)	$225,000	$225,000	$225,000	$225,000	$225,000
Processing	$1,237,500	$1,936,000	$3,685,000	$2,834,625	$4,861,875
Royalties & Bonus	$211,631	$334,758	$474,849	$331,736	$470,726
Operating Profit	$1,515,244	$2,274,767	$2,409,026	$2,234,623	$2,354,254
Recovery of Capital	($450,000)	($650,000)	($765,000)	($1,615,000)	($1,615,000)
Sunk Costs (6-15-87)	($632,000)	($632,000)	($632,000)	($632,000)	($632,000)
Net Profit	$433,244	$992,767	$1,012,026	($12,377)	$107,254

Assumptions and Parameters

gold	$450.00	per ounce
silver	$7.50	per ounce
tons of high grade	127000	tons
grade	0.086	oz/t
strip	3.6	3.6:1
tons of low grade	445000	tons
grade	0.062	oz/t
strip	2.9	2.9:1
tons of tailings	225000	tons
grade	0.045	oz/t
cost, mining rock	$1.50	per ton
cost, mining tails	$1.00	per ton
recovery, rock (heap)	0.5	50%
recovery, fines (CIL)	0.85	85%
recovery, tails (heap)	0.7	70%
recovery, tails (CIL)	0.85	85%
processing, heap leach	$5.50	per ton
processing, CIL	$9.00	per ton

-COPY-

DAWSON
METALLURGICAL
LABORATORIES, INC.

P.O. Box 7685
5217 Major Street
Murray, Utah 84107-0685
Phone: 801-262-0922

December 29, 1986

DMEA LTD.
7340 E. Shoeman Lane
Suite 111 "B" (E)
Scottsdale, Arizona 85251-3335

Attn: Mr. Ben F. Dickerson III

Subject: Time Delays Involved in Testing of Ore Samples From the Vulture Mine. Our Project No. P-1300.

Gentlemen:

We received your letter December 27, 1986 concerning the time delays involved in testing ore samples from the Vulture Mine.

The samples in question were received October 28, 1986. At this time our laboratory was backlogged with approximately 50 large samples from seven separate projects. In order to treat each client fairly, project samples are prepared on a first in - first out basis, therefore, 3 weeks time elapsed before the Vulture Mine samples were prepared. Head assay results were received November 20, 25, and 26, 1986 from Assay Labs., Inc. The head assays were significantly different from the assay results attached to Ms. O'Brien's letter of October 23, 1986, therefore, duplicate head samples were submitted and the testwork postponed until these assays were received on December 4. At that time, ore composites were made and leach testing proceeded per instructions from Mr. Frank Millsaps.

As you mentioned in your letter, our laboratory is highly dependant on accurate, reliable assaying. Occassionally assay mistakes are made and must be corrected before testwork can proceed or continue. This, of course, results in project delays. However, we believe that reliable metallurgical results are our first priority.

At Dawson Metallurgical Laboratories we are proud of our reputation for producing reliable metallurgical results in a timely manner, and apologize for any inconvenience these project delays may have caused.

The following page summarizes the project status as of December 29, 1986.

- Coarse ore (minus 1 inch) bottle roll tests completed and results calculated on ore composite No.'s 1, 2, and 3.

- Bottle roll tests completed on composite No. 1 crushed to minus ½ and minus ¼ inch. Assay results pending.

- Column leach tests on composite No.'s 2 and 3 (minus 3/8 inch) started 12/29/86.

We will contact Mr. Millsaps periodically to update him as test results are received.

Sincerely,
DAWSON METALLURGICAL LABORATORIES, INC.

Philip Thompson

Philip Thompson,
Vice President

cc: Mr. Frank Millsaps

PT-cac

AFFIDAVIT OF PERFORMANCE OF ANNUAL LABOR

STATE OF ARIZONA)
) ss.
County of Maricopa)

BEN F. DICKERSON III, being duly sworn, upon his oath states as follows:

1. He is a citizen of the United States, more than eighteen (18) years of age, and is personally acquainted with the 497 unpatented lode and placer mining claims situated in the Vulture Mining District, Maricopa County, Arizona, the names of which are indicated on Exhibit A attached hereto (the "Claims"), which exhibit also includes the book and page of recording of the location notice in the office of the Recorder of Maricopa County, Arizona, together with the serial number assigned to the Claims by the Arizona State Office of the Bureau of Land Management.

2. This Affidavit is made for, on behalf of, and at the direction of A.F. BUDGE (MINING) LIMITED, the Lessee of the Claims from V.M.P., INC., an Arizona corporation, whose address is c/o Larry W. Beal, Box 20202, Wickenburg, Arizona 85358, the owner of such claims.

3. The location notices of the Claims are posted within Sections 24, 25, 26, 27, 34, 35 and 36, Township 6 North, Range 6 West; Sections 16, 17, 19, 20, 21, 28, 29, 30, 31 and 32, Township 6 North, Range 5 West; Sections 1, 2 and 12, Township 5

North, Range 5 West, G&SRM, Maricopa County, Arizona, and the Claims form a contiguous block.

4. Between the 1st day of September, 1984, and the 1st day of September, 1985, in excess of EIGHTY THOUSAND DOLLARS ($80,000.00) worth of work and improvements were done and performed upon or for the benefit of each of the Claims, not including the location work of the Claims.

5. Such work and improvements consisted of:

(i) rotary drilling performed by Stevens & Harris Drilling Company of San Diego, California,

(ii) site preparation for such drilling performed by Herschowitz Brothers of Wickenburg, Arizona,

(iii) the supervision therof and the preparation of samples performed by Don White, geological consultant, of Prescott, Arizona,

(iv) evaluation and testing of placer material performed by James M. Prudden, geological consultant of Salt Lake City, Utah,

(v) assays of samples performed by Skyline Laboratories of Tucson, Arizona,

(vi) amalgamation of samples performed by Jacobs Laboratory of Tucson, Arizona,

(vii) engineering studies conducted as part of an overall plan for the delineation of the ore body and preparation of a mine development plan performed by Milton W. Hood, late of Wickenburg, Arizona,

and (viii) cost estimate studies prepared by Frank W. Millsaps, metallurgical consultant of Salt Lake City, Utah.

6. All of the above work and improvements were performed by or at the expense of A. F. BUDGE (MINING) LIMITED, the Lessee of the Claims from the owner thereof for the purpose of complying with the laws of the United States pertaining to assessment or annual work.

Ben F. Dickerson III

Subscribed and sworn before me this 13th day of December, 1985, by Ben F. Dickerson III.

Carole A. O'Brien

Notary Public

My Commission expires:
My Commission Expires April 14, 1987

Claim Group/Name	No.	Docket/Book	Page	BLM Number	Section	Township	Range
Unpatented Lode Mining Claims							
Central		35	386	71742	36	6N	6W
Vindicator #1		35	389	71743	31/36	5N/6N	5W/6W
Vulture South		35	59	71744	31	6N	5W
Desert #1		29	595	71745	30/31	6N	5W
Desert #5		29	598	71746	30/31	6N	5W
Desert #8		29	596	71747	31	6N	5W
Desert #9		29	597	71748	31/30	6N	5W
Reserve #1		1965	161	71749	31/36	6N	5W/6W
Reserve #2		1965	162	71750	25/30/36/31	6N	5W/6W
Reserve #3		1965	163	71751	25/30	6N	6W/5W
Rosa de Oro		29	591	71752	31	6N	5W
Rosa de Oro #2		29	592	71753	31	6N	5W
Thomas		29	593	71754	36/31	6N	6W/5W
Vulture North		35	60	71755	36/31	6N	6W/5W
J.S.	1	7682	390-391	71756	36	6N	6W
	2	7682	392-393	71757	36	6N	6W
	3	7682	394-395	71758	36	6N	6W
	4	7682	396-397	71759	36	6N	6W
	5	7682	398-399	71760	36	6N	6W
	6	7682	400-401	71761	36	6N	6W
	7	7682	402-403	71762	36	6N	6W
	8	7682	404-405	71763	36	6N	6W
	9	7682	406-407	71764	36	6N	6W
	10	7682	408-409	71765	36	6N	6W
	11	7682	410-411	71766	36	6N	6W
	12	7682	412-413	71767	36	6N	6W
	13	7682	414-415	71768	36	6N	6W
	14	7682	416-417	71769	36	6N	6W
	15	7682	418-419	71770	36	6N	6W
	16	7682	420-421	71771	36	6N	6W
	17	7682	422-423	71772	31	6N	5W
	18	7682	424-425	71773	31	6N	5W
	19	7682	426-427	71774	31	6N	5W
	20	7682	428-429	71775	31	6N	5W
	21	7682	430-431	71776	31	6N	5W
	22	7682	432-433	71777	31	6N	5W
	23	7682	434-435	71778	31	6N	5W
	24	7682	436-437	71779	31	6N	5W
	25	7682	438-439	71780	31	6N	5W
Desert Group	D-1A	15828	475	A-MC 160603	30/25	6N	5W/6W
	D-2	15828	477	A-MC 160604	30/25	6N	5W/6W
	D-3	15828	479	A-MC 160605	30/25/31/36	6N	5W/6W
	D-4	15828	481	A-MC 160606	31/36	6N	5W/6W
	D-5A	15828	483	A-MC 160607	24/25	6N	6W
	D-6	15828	485	A-MC 160608	25/30	6N	6W/5W
	D-7	15828	487	A-MC 160609	25/30	6N	6W/5W
	D-8A	15828	489	A-MC 160610	25/30	6N	6W/5W
	D-9A	15828	491	A-MC 160611	25/30	6N	6W/5W

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	D-10	15828	493	A-MC 160612	30	6N	5W
	D-11	15828	495	A-MC 160613	30	6N	5W
	D-12	15828	497	A-MC 160614	30	6N	5W
	D-13	15828	499	A-MC 160615	30	6N	5W
	D-14	15828	501	A-MC 160616	30/31	6N	5W
	D-15	15828	503	A-MC 160617	30/31	6N	5W
	D-16	15828	505	A-MC 160618	24/25/19	6N	6W/5W
	D-17	15828	507	A-MC 160619	24/25/19/30	6N	6W/5W
	D-18	15828	509	A-MC 160620	19/30	6N	5W
	D-19	15828	511	A-MC 160621	30	6N	5W
	D-20	15828	513	A-MC 160622	30	6N	5W
	D-21	15828	515	A-MC 160623	30	6N	5W
	D-22	15828	517	A-MC 160624	30	6N	5W
	D-23	15828	519	A-MC 160625	30	6N	5W
	D-24	15828	521	A-MC 160626	30	6N	5W
	D-25	15828	523	A-MC 160627	30	6N	5W
	D-26	15828	525	A-MC 160628	30	6N	5W
	D-27	15828	527	A-MC 160629	31/30	6N	5W
	D-28	15828	529	A-MC 160630	30/29/31	6N	5W
	D-29	15828	531	A-MC 160631	19	6N	5W
	D-30	15828	533	A-MC 160632	19	6N	5W
	D-31	15828	535	A-MC 160633	30/19	6N	5W
	D-32	15828	537	A-MC 160634	30/19	6N	5W
	D-33	15828	539	A-MC 160635	30/19	6N	5W
	D-34	15828	541	A-MC 160636	30	6N	5W
	D-35	15828	543	A-MC 160637	30	6N	5W
	D-36	15828	545	A-MC 160638	30	6N	5W
	D-37	15828	547	A-MC 160639	30	6N	5W
	D-38	15828	549	A-MC 160640	30/29	6N	5W
	D-39	15828	551	A-MC 160641	30/29	6N	5W
	D-40	15828	553	A-MC 160642	29/30	6N	5W
	D-41	15828	555	A-MC 160643	29/30	6N	5W
	D-42	15828	557	A-MC 160644	29/32	6N	5W
	D-43	15828	559	A-MC 160645	29/32	6N	5W
	D-44	15828	561	A-MC 160646	19	6N	5W
	D-45	15828	563	A-MC 160647	19	6N	5W
	D-46	15828	565	A-MC 160648	19	6N	5W
	D-47	15828	567	A-MC 160649	19	6N	5W
	D-48	15828	569	A-MC 160650	30/19	6N	5W
	D-49	15828	571	A-MC 160651	30/19	6N	5W
	D-50	15828	573	A-MC 160652	30/29	6N	5W
	D-51	15828	575	A-MC 160653	30/29	6N	5W
	D-52	15828	577	A-MC 160654	30/29	6N	5W
	D-53	15828	579	A-MC 160655	29/30	6N	5W
	D-54	15828	581	A-MC 160656	29	6N	5W
	D-55	15828	583	A-MC 160657	29	6N	5W
	D-56	15828	585	A-MC 160658	29	6N	5W
	D-57	15828	587	A-MC 160659	29	6N	5W
	D-58	15828	589	A-MC 160660	29	6N	5W
	D-59	15828	591	A-MC 160661	19	6N	5W
	D-60	15828	593	A-MC 160662	19	6N	5W
	D-61	15828	595	A-MC 160663	19/20	6N	5W
	D-62	15828	597	A-MC 160664	19/20	6N	5W
	D-63	15828	599	A-MC 160665	19/20	6N	5W
	D-64	15828	601	A-MC 160666	19/20	6N	5W
	D-65	15828	603	A-MC 160667	20/29	6N	5W

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D-66	15828	605	A-MC	160668	20/29	6N	5W
D-67	15828	607	A-MC	160669	29	6N	5W
D-68	15828	609	A-MC	160670	29	6N	5W
D-69	15828	611	A-MC	160671	29	6N	5W
D-70	15828	613	A-MC	160672	29	6N	5W
D-71	15828	615	A-MC	160673	29	6N	5W
D-72	15828	617	A-MC	160674	29	6N	5W
D-73	15828	619	A-MC	160675	29	6N	5W
D-74	15828	621	A-MC	160676	19/20	6N	5W
D-75	15828	623	A-MC	160677	19/20	6N	5W
D-76	15828	625	A-MC	160678	19/20	6N	5W
D-77	15828	627	A-MC	160679	20	6N	5W
D-78	15828	629	A-MC	160680	20	6N	5W
D-79	15828	631	A-MC	160681	20	6N	5W
D-80	15828	633	A-MC	160682	20	6N	5W
D-81	15828	635	A-MC	160683	20/29	6N	5W
D-82	15828	637	A-MC	160684	20/29	6N	5W
D-83	15828	639	A-MC	160685	20/29	6N	5W
D-84	15828	641	A-MC	160686	29	6N	5W
D-85	15828	643	A-MC	160687	29	6N	5W
D-86	15828	645	A-MC	160688	29	6N	5W
D-87	15828	647	A-MC	160689	29	6N	5W
D-88	15828	649	A-MC	160690	29	6N	5W
D-89	15828	651	A-MC	160691	20	6N	5W
D-90	15828	653	A-MC	160692	20	6N	5W
D-91	15828	655	A-MC	160693	20	6N	5W
D-92	15828	657	A-MC	160694	20	6N	5W
D-93	15828	659	A-MC	160695	20	6N	5W
D-94	15828	661	A-MC	160696	20	6N	5W
D-95	15828	663	A-MC	160697	20	6N	5W
D-96	15828	665	A-MC	160698	20	6N	5W
D-97	15828	667	A-MC	160699	20	6N	5W
D-98	15828	669	A-MC	160700	20/29	6N	5W
D-99	15828	671	A-MC	160701	20/29/21	6N	5W
D-100	15828	673	A-MC	160702	20/29/21/28	6N	5W
D-101	15828	675	A-MC	160703	29/28	6N	5W
D-102	15828	677	A-MC	160704	29/28	6N	5W
D-103	15828	679	A-MC	160705	28	6N	5W
D-104	15828	681	A-MC	160706	17/20	6N	5W
D-105	15828	683	A-MC	160707	17/20	6N	5W
D-106	15828	685	A-MC	160708	20/17	6N	5W
D-107	15828	687	A-MC	160709	20	6N	5W
D-108	15828	689	A-MC	160710	20	6N	5W
D-109	15828	691	A-MC	160711	20	6N	5W
D-110	15828	693	A-MC	160712	17	6N	5W
D-111	15828	695	A-MC	160713	17	6N	5W
D-112	15828	697	A-MC	160714	17/20	6N	5W
D-113	15828	699	A-MC	160715	17/20/16/21	6N	5W
D-114	15828	701	A-MC	160716	20/21	6N	5W
D-115	15828	703	A-MC	160717	20/21	6N	5W
D-116	15828	705	A-MC	160718	17/16	6N	5W
D-117	15828	707	A-MC	160719	17/16	6N	5W
D-118	15828	709	A-MC	160720	17/16	6N	5W
D-119	15828	711	A-MC	160721	17/16	6N	5W
D-120	15828	713	A-MC	160722	16/21	6N	5W
D-121	15828	715	A-MC	160723	21	6N	5W

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	D-123	15828	719	A-MC 160725	16	6N	5W
	D-124	15828	721	A-MC 160726	16	6N	5W
	D-125	15828	723	A-MC 160727	20	6N	5W
	D-126	15828	725	A-MC 160728	20	6N	5W
	D-127	15828	727	A-MC 160729	21	6N	5W
	D-128	15828	729	A-MC 160730	21	6N	5W
	D-129	15828	731	A-MC 160731	21	6N	5W
	D-130	15828	733	A-MC 160732	21	6N	5W
	D-131	15828	735	A-MC 160733	16/21	6N	5W
	D-132	15828	737	A-MC 160734	21	6N	5W
	D-133	15828	739	A-MC 160735	32	6N	5W
	D-134	15828	741	A-MC 160736	32	6N	5W
	D-135	15828	743	A-MC 160737	32	6N	5W
	D-136	15828	745	A-MC 160738	32	6N	5W
	D-137	15828	747	A-MC 160739	25/36/30	6N	5W
	D-138	15828	749	A-MC 160740	25/36/30/31	6N	5W
	D-139	15828	751	A-MC 160741	30/31	6N	5W
	D-140	15828	753	A-MC 160742	31	6N	5W
	D-141	15828	755	A-MC 160743	31	6N	5W
	D-142	15828	757	A-MC 160744	31	6N	5W
	D-144	15828	759	A-MC 160745	30/31	6N	5W
	D-145	15828	761	A-MC 160746	31	6N	5W
	D-146	15828	763	A-MC 160747	31	6N	5W
	D-147	15828	765	A-MC 160748	31	6N	5W
	D-148	15828	767	A-MC 160749	31	6N	5W
	D-149	15828	769	A-MC 160750	31	6N	5W
	D-150	15828	771	A-MC 160751	31/32	6N	5W
	D-151	15828	773	A-MC 160752	31/32	6N	5W
	D-152	15828	775	A-MC 160753	31/32	6N	5W
	D-153	15828	777	A-MC 160754	32	6N	5W
	D-154	15828	779	A-MC 160755	32	6N	5W
	D-155	15828	781	A-MC 160756	32	6N	5W
Vulture Group	V-1	15828	79	A-MC 160432	27/34/35	6N	6W
	V-2	15828	81	A-MC 160433	34/35	6N	6W
	V-3	15828	83	A-MC 160434	34/35	6N	6W
	V-4	15828	85	A-MC 160435	35	6N	6W
	V-5	15828	87	A-MC 160436	35	6N	6W
	V-6	15828	89	A-MC 160437	35	6N	6W
	V-7	15828	91	A-MC 160438	35	6N	6W
	V-8	15828	93	A-MC 160439	35	6N	6W
	V-9	15828	95	A-MC 160440	35	6N	6W
	V-10	15828	97	A-MC 160441	35	6N	6W
	V-11	15828	99	A-MC 160442	35	6N	6W
	V-12	15828	101	A-MC 160443	35	6N	6W
	V-13	15828	103	A-MC 160444	35	6N	6W
	V-14	15828	105	A-MC 160445	35	6N	6W
	V-15	15828	107	A-MC 160446	35	6N	6W
	V-16	15828	109	A-MC 160447	25/26	6N	6W
	V-17	15828	111	A-MC 160448	25/26	6N	6W
	V-18	15828	113	A-MC 160449	25/26	6N	6W
	V-19	15828	115	A-MC 160450	25/26	6N	6W
	V-20	15828	117	A-MC 160451	25/26	6N	6W

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V-26	15828	121	A-MC	160453	35	6N	6W
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V-28	15828	125	A-MC	160455	35	6N	6W
V-29	15828	127	A-MC	160456	35	6N	6W
V-30	15828	129	A-MC	160457	35	6N	6W
V-31	15828	131	A-MC	160458	35	6N	6W
V-32	15828	133	A-MC	160459	2/35	5N/6N	6W
V-33	15828	135	A-MC	160460	25	6N	6W
V-34	15828	137	A-MC	160461	25	6N	6W
V-35	15828	139	A-MC	160462	25	6N	6W
V-36	15828	141	A-MC	160463	25	6N	6W
V-37	15828	143	A-MC	160464	25	6N	6W
V-38	15828	145	A-MC	160465	26/25	6N	6W
V-39	15828	147	A-MC	160466	26/35/25	6N	6W
V-40	15828	149	A-MC	160467	25/26/35/36	6N	6W
V-41	15828	151	A-MC	160468	35/36	6N	6W
V-42	15828	153	A-MC	160469	35/36	6N	6W
V-43	15828	155	A-MC	160470	35/36	6N	6W
V-44	15828	157	A-MC	160471	35/36	6N	6W
V-45	15828	159	A-MC	160472	35/36	6N	6W
V-46	15828	161	A-MC	160473	35/36	6N	6W
V-47	15828	163	A-MC	160474	35/2/36/1	6N/5N	6W
V-48	15828	165	A-MC	160475	35/2/1	6N/5N	6W
V-49	15828	167	A-MC	160476	2/1	5N	6W
V-50	15828	169	A-MC	160477	2/1	5N	6W
V-51	15828	171	A-MC	160478	2/1	5N	6W
V-52	15828	173	A-MC	160479	2/1	5N	6W
V-53	15828	175	A-MC	160480	25	6N	6W
V-54	15828	177	A-MC	160481	25	6N	6W
V-55	15828	179	A-MC	160482	25	6N	6W
V-56	15828	181	A-MC	160483	25	6N	6W
V-57	15828	183	A-MC	160484	25	6N	6W
V-58	15828	185	A-MC	160485	25	6N	6W
V-59	15828	187	A-MC	160486	36/25	6N	6W
V-60	15828	189	A-MC	160487	36	6N	6W
V-61	15828	191	A-MC	160488	36	6N	6W
V-62	15828	193	A-MC	160489	36	6N	6W
V-63	15828	195	A-MC	160490	36	6N	6W
V-64	15828	197	A-MC	160491	36	6N	6W
V-65	15828	199	A-MC	160492	36	6N	6W
V-66	15828	201	A-MC	160493	1/36	5N/6N	6W
V-67	15828	203	A-MC	160494	1	5N	6W
V-68	15828	205	A-MC	160495	1	5N	6W
V-69	15828	207	A-MC	160496	1	5N	6W
V-70	15828	209	A-MC	160497	1	5N	6W
V-71	15828	211	A-MC	160498	1	5N	6W
V-72	15828	213	A-MC	160499	25	6N	6W
V-73	15828	215	A-MC	160500	25	6N	6W
V-74	15828	217	A-MC	160501	25	6N	6W
V-75	15828	219	A-MC	160502	25	6N	6W
V-76	15828	221	A-MC	160503	25	6N	6W
V-77	15828	223	A-MC	160504	25	6N	6W
V-78	15828	225	A-MC	160505	25/36	6N	6W
V-79	15828	227	A-MC	160506	36	6N	6W

Claim Group/Name	No.	Docket/Book	Page	BLM Number	Section	Township	Range
V-80	15828	229	A-MC	160507	36	6N	6W
V-81	15828	231	A-MC	160508	36	6N	6W
V-81A	15828	233	A-MC	160509	36	6N	6W
V-82	15828	235	A-MC	160510	1/36	5N/6N	6W
V-83	15828	237	A-MC	160511	1/36	5N/6N	6W
V-84	15828	239	A-MC	160512	1	5N	6W
V-85	15828	241	A-MC	160513	1	5N	6W
V-86	15828	243	A-MC	160514	1	5N	6W
V-87	15828	245	A-MC	160515	1	5N	6W
V-88	15828	247	A-MC	160516	1	5N	6W
V-89	15828	249	A-MC	160517	30/25	6N	5W/6W
V-90A	15828	251	A-MC	160518	30/25	6N	5W/6W
V-91	15828	253	A-MC	160519	31/36	6N	5W/6W
V-92	15828	255	A-MC	160520	31/36	6N	5W/6W
V-93	15828	257	A-MC	160521	31/36	6N	5W/6W
V-94	15828	259	A-MC	160522	31/36	6N	5W/6W
V-95	15828	261	A-MC	160523	36/1/31/6	6N/5N	5W/6W
V-96	15828	263	A-MC	160524	1/6	5N	6W/5W
V-97	15828	265	A-MC	160525	1	5N	6W
V-98	15828	267	A-MC	160526	1	5N	6W
V-99	15828	269	A-MC	160527	1	5N	6W
V-100	15828	271	A-MC	160528	1	5N	6W
V-101	15828	273	A-MC	160529	1	5N	6W
V-102	15828	275	A-MC	160530	31	6N	5W
V-103	15828	277	A-MC	160531	31	6N	5W
V-104	15828	279	A-MC	160532	36/31	6N	6W/5W
V-105	15828	281	A-MC	160533	31	6N	5W
V-106	15828	283	A-MC	160534	6/31	5N	5W
V-107	15828	285	A-MC	160535	6	5N	5W
V-108	15828	287	A-MC	160536	6	5N	5W
V-109	15828	289	A-MC	160537	6/1	5N	5W/6W
V-110	15828	291	A-MC	160538	6/1	5N	5W/6W
V-111	15828	293	A-MC	160539	6/1	5N	5W/6W
V-112	15828	295	A-MC	160540	6/1	5N	5W/6W
V-113	15828	297	A-MC	160541	6/1	5N	5W/6W
V-114	15828	299	A-MC	160542	31	6N	5W
V-115	15828	301	A-MC	160543	31	6N	5W
V-116	15828	303	A-MC	160544	31	6N	5W
V-117	15828	305	A-MC	160545	31	6N	5W
V-118	15828	307	A-MC	160546	31	6N	5W
V-119	15828	309	A-MC	160547	31	6N	5W
V-120	15828	311	A-MC	160548	31/6	6N/5N	6W/5W
V-121	15828	313	A-MC	160549	6	5N	5W
V-122	15828	315	A-MC	160550	6	5N	5W
V-123	15828	317	A-MC	160551	6	5N	5W
V-124	15828	319	A-MC	160552	6	5N	5W
V-125	15828	321	A-MC	160553	6	5N	5W
V-126	15828	323	A-MC	160554	6	5N	5W
V-127	15828	325	A-MC	160555	6	5N	5W
V-128	15828	327	A-MC	160556	31	6N	5W
V-129	15828	329	A-MC	160557	31	6N	5W
V-130	15828	331	A-MC	160558	31	6N	5W
V-131	15828	333	A-MC	160559	31	6N	5W
V-132	15828	335	A-MC	160560	31	6N	5W
V-133	15828	337	A-MC	160561	31/6	6N/5N	5W
V-134	15828	339	A-MC	160562	31/6	6N/5N	5W

Claim Group/Name	No.	Docket/Book	Page	BLM Number	Section	Township	Range
	V-135	15828	341	A-MC 160563	6	5N	5W
	V-136	15828	343	A-MC 160564	6	5N	5W
	V-137	15828	345	A-MC 160565	6	5N	5W
	V-138	15828	347	A-MC 160566	6	5N	5W
	V-139	15828	349	A-MC 160567	6	5N	5W
	V-140	15828	351	A-MC 160568	6	5N	5W
	V-141	15828	353	A-MC 160569	6	5N	5W
	V-142	15828	355	A-MC 160570	31/32	6N	5W
	V-143	15828	357	A-MC 160571	31/32	6N	5W
	V-144	15828	359	A-MC 160572	31/32	6N	5W
	V-145	15828	361	A-MC 160573	31/32	6N	5W
	V-146	15828	363	A-MC 160574	31/32	6N	5W
	V-147	15828	365	A-MC 160575	31/6/32/5	5N/6N	5W
	V-148	15828	367	A-MC 160576	6/5	5N	5W
	V-149	15828	369	A-MC 160577	6/5	5N	5W
	V-150	15828	371	A-MC 160578	6/5	5N	5W
	V-151	15828	373	A-MC 160579	6/5	5N	5W
	V-152	15828	375	A-MC 160580	6/5	5N	5W
	V-153	15828	377	A-MC 160581	6/5	5N	5W
	V-154	15828	379	A-MC 160582	6/5	5N	5W
	V-155	15828	381	A-MC 160583	6/5	5N	5W
	V-156	15828	383	A-MC 160584	32	6N	5W
	V-157	15828	385	A-MC 160585	32	6N	5W
	V-158	15828	387	A-MC 160586	32	6N	5W
	V-159	15828	389	A-MC 160587	32	6N	5W
	V-160	15828	391	A-MC 160588	32	6N	5W
	V-161	15828	393	A-MC 160589	5/32	5N/6N	5W
	V-162	15828	395	A-MC 160590	5	5N	5W
	V-163	15828	397	A-MC 160591	5	5N	5W
	V-164	15828	399	A-MC 160592	5	5N	5W
	V-165	15828	401	A-MC 160593	5	5N	5W
	V-166	15828	403	A-MC 160594	5	5N	5W
	V-167	15828	405	A-MC 160595	5	5N	5W
	V-168	15828	407	A-MC 160596	5	5N	5W
	V-169	15828	409	A-MC 160597	5	5N	5W
	V-170	15828	411	A-MC 160598	32	6N	5W
	V-171	15828	413	A-MC 160599	32	6N	5W
	V-172	15828	415	A-MC 160600	32	6N	5W
	V-173	15828	417	A-MC 160601	32	6N	5W
	V-174	15828	419	A-MC 160602	32/5	6N/5N	5W
B-Lan Group	1	15952	600	A-MC 167064	35	6N	6W
	2	15952	602	A-MC 167065	35	6N	6W
	3	15952	604	A-MC 167066	35/34	6N	6W
	4	15952	606	A-MC 167067	35/34	6N	6W
	5	15952	608	A-MC 167068	35/34	6N	6W
	6	15952	610	A-MC 167069	35/34	6N	6W
	7	15952	612	A-MC 167070	35/34	6N	6W
	8	15952	614	A-MC 167071	34	6N	6W
	9	15952	616	A-MC 167072	34	6N	6W
	10	15952	618	A-MC 167073	34	6N	6W
	11	15952	620	A-MC 167074	34	6N	6W
	12	15952	622	A-MC 167075	34	6N	6W
	13	15952	624	A-MC 167076	27/34	6N	6W
	14	15952	626	A-MC 167077	26/35	6N	6W
	15	15952	628	A-MC 167078	26	6N	6W

Claim Group/Name	No.	Docket/Book	Page	BLM Number	Section	Township	Range
	16	15952	630	A-MC 167079	26	6N	6W
	17	15952	632	A-MC 167080	26	6N	6W
	18	15952	634	A-MC 167081	26/35/34/27	6N	6W
	19	15952	636	A-MC 167082	26/27	6N	6W
	20	15952	638	A-MC 167083	26/27	6N	6W
	21	15952	640	A-MC 167084	26/27	6N	6W
	22	16260	601	A-MC 170741	35	6N	6W
	23	16260	603	A-MC 170742	35/2	6N/5N	6W
Zen Group	1	15952	544	A-MC 167085	20/21	6N	5W
	2	15952	546	A-MC 167086	20/21	6N	5W
	3	15952	548	A-MC 167087	20/21	6N	5W
	4	15952	550	A-MC 167088	28/21	6N	5W
	5	15952	552	A-MC 167089	28/21	6N	5W
	6	15952	554	A-MC 167090	28	6N	5W
	7	15952	556	A-MC 167091	28	6N	5W
	8	15952	558	A-MC 167092	21	6N	5W
	9	15952	560	A-MC 167093	21	6N	5W
	10	15952	562	A-MC 167094	21	6N	5W
	11	15952	564	A-MC 167095	21	6N	5W
	12	15952	566	A-MC 167096	21	6N	5W
	13	15952	568	A-MC 167097	21/28	6N	5W
	14	15952	570	A-MC 167098	21/28	6N	5W
	15	15952	572	A-MC 167099	21	6N	5W
	16	15952	574	A-MC 167100	21	6N	5W
	17	15952	576	A-MC 167101	21	6N	5W
	18	15952	578	A-MC 167102	21	6N	5W
	19	15952	580	A-MC 167103	21	6N	5W
	20	15952	582	A-MC 167104	21	6N	5W
	21	15952	584	A-MC 167105	21	6N	5W
Alan Group	1	15952	451	A-MC 167034	1	5N	6W
	2	15952	453	A-MC 167035	1	5N	6W
	3	15952	455	A-MC 167036	1	5N	6W
	4	15952	457	A-MC 167037	1/12	5N	6W
	5	15952	459	A-MC 167038	1/12	5N	6W
	6	16025	518	A-MC 170729	1/12	5N	6W
	7	16025	520	A-MC 170730	1/12	5N	6W
	8	15952	461	A-MC 167039	1	5N	6W
	9	15952	463	A-MC 167040	1	5N	6W
	10	15952	465	A-MC 167041	1/12	5N	6W
	11	15952	467	A-MC 167042	1/12	5N	6W
	12	15952	469	A-MC 167043	12	5N	6W
	13	16025	522	A-MC 170731	12	5N	6W
	14	16025	524	A-MC 170732	12	5N	6W
	15	15952	471	A-MC 167044	1	5N	6W
	16	15952	473	A-MC 167045	1	5N	6W
	17	15952	475	A-MC 167046	1/12	5N	6W
	18	15952	477	A-MC 167047	12	5N	6W
	19	15952	479	A-MC 167048	12	5N	6W
	20	16025	526	A-MC 170733	12	5N	6W
	21	16025	528	A-MC 170734	12	5N	6W
	22	15952	481	A-MC 167049	1/6	5N	6W/5W
	23	15952	483	A-MC 167050	1/6	5N	6W/5W
	24	15952	485	A-MC 167051	12/1/7/6	5N	6W/5W
	25	15952	487	A-MC 167052	12/7	5N	6W/5W

Claim Group/Name	No.	Docket/Book	Page	BLM Number	Section	Township	Range
	26	15952	489	A-MC 167053	12/7	5N	6W/5W
	27	16025	530	A-MC 170735	12/7	5N	6W/5W
	28	16025	532	A-MC 170736	12/7	5N	6W/5W
	29	15952	491	A-MC 167054	6	5N	5W
	30	15952	493	A-MC 167055	6/7	5N	5W
	31	15952	495	A-MC 167056	7	5N	5W
	32	15952	497	A-MC 167057	7	5N	5W
	33	15952	499	A-MC 167058	7	5N	5W
	34	16025	534	A-MC 170737	7	5N	5W
	35	16025	536	A-MC 170738	7	5N	5W
	36	15952	501	A-MC 167059	6	5N	5W
	37	15952	503	A-MC 167060	6/7	5N	5W
	38	15952	505	A-MC 167061	7	5N	5W
	39	15952	507	A-MC 167062	7	5N	5W
	40	15952	509	A-MC 167063	7	5N	5W
	41	16025	538	A-MC 170739	7	5N	5W
	42	16025	540	A-MC 170740	7	5N	5W
Placer	Mining	Claims					
V.M.P. Group	1	11693	739	77018	26	6N	6W
	2	11693	740	77019	35	6N	6W
	3	11693	741	77020	35	6N	6W
	4	11693	742	77021	35	6N	6W
	5	11693	743	77022	35	6N	6W
	6	11693	744	77023	2	5N	6W
	7	11693	745	77024	2	5N	6W
	8	11693	746	77025	25	6N	6W
	9	11693	747	77026	25	6N	6W
	10	11693	748	77027	25	6N	6W
	11	11693	749	77028	26	6N	6W
	12	11693	750	77029	19	6N	5W
	13	11693	751	77030	19	6N	5W
	18	11693	752	77031	6	6N	5W
	19	11693	753	77032	6	6N	5W
	20	11693	754	77033	6	6N	5W
	21	11693	755	77034	6	6N	5W
	22	11693	756	77035	20	6N	5W
	23	11693	757	77036	20	6N	5W
	24	11693	758	77037	20	6N	5W
	25	11693	759	77038	20	6N	5W
	26	11693	760	77039	29	6N	5W
	27	11693	761	77040	29	6N	5W
	28	11693	762	77041	29	6N	5W
	29	11693	763	77042	29	6N	5W
	30	11693	764	77043	32	6N	5W
	31	11693	765	77044	32	6N	5W
	32	11693	766	77045	32	6N	5W
	33	11693	767	77046	32	6N	5W
	34	11693	772	77047	5	5N	5W
	35	11693	773	77048	5	5N	5W
	36	11693	774	77049	21	6N	5W
	37	11693	775	77050	21	6N	5W
	38	11693	776	77051	28	6N	5W

Claim Group/Name	No.	Docket/Book	Page	BLM Number	Section	Township	Range
J.S. Group	1	7685	387	71781	30	6N	5W
	2	7685	388	71782	30	6N	5W
	3	7685	389	71783	30	6N	5W
	4	7685	390	71784	30	6N	5W
	5	7685	391	71785	36	6N	6W
	6	7685	392	71786	36	6N	6W
	7	7685	393	71787	36	6N	6W
	8	7685	394	71788	36	6N	6W
	9	7685	395	71789	1	5N	6W
	10	7685	396	71790	1	5N	6W
	11	7685	397	71791	1	5N	6W
	12	7685	398	71792	1	5N	6W
	13	7685	399	71793	31	6N	5W
	14	7685	400	71794	31	6N	5W
	15	7685	401	71795	31	6N	5W
	16	7685	402	71796	31	6N	5W

Bonc Phillip Thompson #3-400 hand-pan

DAWSON METALLURGICAL LABORATORIES, INC.

P. O. Box 7685
5217 Major Street
Murray, Utah 84107
Phone: 801-262-0922

July 13, 1984

Mr. Ben F. Dickerson III
A.F. Budge Mining Ltd.
DMEA Ltd
4203 North Brown Avenue, Suite F
Scottsdale, Arizona 85251

Subject: Heap Leach Test Results for Vulture Project Ore and Tailing Composite. Our Project No. P-1042 Composite C and D.

Gentlemen:

The heap leach test that Frank Millsaps authorized be made on a composite sample of ore and tailings that we received on June 1, 1984 has been completed. A composite sample was made by mixing 80 percent ore with 20 percent tailing. This sample was agglomerated with the following:

Ore	10,000 gram	
Cement	75 gram	(15 lbs/ton)
Quicklime	25 gram	(25 lbs/ton)
NaCN	15 gram	(3 lbs/ton)
H_2O	1100 gram	

The resulting pellets were loaded into a 4 inch diameter column, allowed to cure for 1 day, and leached with a 0.5 pound NaCN per ton solution. The overall results of this test were as follows:

Leach Residue	Head (calc)	Extraction %	NaCN Consumed, lbs/Ton
0.018	0.079	77.2	1.6

The actual leach time was from June 5 to June 25, 1984 or 20 days. Summary sheets for the gold extraction and the cyanide solutions, and the assayers reports are attached.

The agglomerated pellets maintained their integrity throughout leaching and subsequent drying and sampling.

If you have any questions, please contact me.

Very truly yours,
DAWSON METALLURGICAL LABORATORIES, INC.

W Richard McDonald

W. Richard McDonald,
Consulting Metallurgist

cc: Mr. Frank Millsaps

A.F. Bugde Mining Ltd
Summary of Gold Extraction
Heap Leach
Agglomerated with 15 lbs Cement,
5 lbs CaO, 3 lbs NaCN per ton
Leach Solution 1/2 lb NaCN per ton
Flow Rate 0.002 gpm/ft^2

P1042 - Test 1 - 10.011 Kgs (343.2 assay tons)

Date	Sample	Liters	Oz/Ton	ppm	mgs	Cum. mgs	Cum. Oz/Ton		Cum. Dist. V1C
			Au	Au	Au	Au	Au		Au
6/5/84	Start								
6/7/84	P1	2.145	0.127	4.35	9.34	9.34	0.027		34.5
6/8/84	P2	1.533	0.055	1.89	2.89	12.23	0.036		45.2
6/10/84	P3	2.633	0.030	1.03	2.71	14.94	0.044		55.2
6/11/84	P4	1.184	0.022	0.75	0.89	15.83	0.046		58.5
6/12/84	P5	1.093	0.016	0.55	0.60	16.43	0.048		60.8
6/14/84	P6	2.372	0.012	0.41	0.98	17.41	0.051		64.4
6/16/84	P7	2.054	0.010	0.34	0.70	18.11	0.053		67.0
6/18/84	P8	2.125	0.010	0.34	0.73	18.84	0.055		69.7
6/20/84	P9	2.694	0.007	0.24	0.65	19.49	0.057		72.1
6/22/84	P10	1.956	0.006	0.21	0.40	19.89	0.058		73.5
6/24/84	P11	2.418	0.006	0.21	0.50	20.39	0.059		75.4
6/27/84	P12	2.806	0.005	0.17	0.48	20.87	0.061		77.2
	Residue - Fire Assay -						0.018	0.00	22.8
	Calculated Head -						0.079		100.0

Project P-1042
A.F. Budge Mining Limited
Composite C & D Test 1
Cyanide Solution Summary
Ore Weight 10.011 Kg

Date	Sample	Feed Solution NaCN lbs/Ton	Feed Solution NaCN Grams	Pregnant Solution Liters	Pregnant Solution NaCN lbs/ton	Pregnant Solution NaCN Grams	pH
6/4/84	Pelletize		15				
6/5/84	Start						
6/7/84	P-1	0.5	0.5	2.145	7.4	7.9	12.1
6/8/84	P-2	0.5	0.4	1.533	2.0	1.5	12.1
6/10/84	P-3	0.5	0.7	2.633	1.0	1.3	12.0
6/11/84	P-4	0.5	0.3	1.184	0.5	0.3	11.9
6/12/84	P-5	0.5	0.3	1.093	0.5	0.3	11.8
6/14/84	P-6	0.5	0.6	2.372	0.4	0.4	11.7
6/16/84	P-7	0.5	0.5	2.054	0.2	0.2	11.3
6/18/84	P-8	0.5	0.5	2.125	0.2	0.2	11.1
6/20/84	P-9	0.5	0.7	2.694	0.2	0.3	11.3
6/22/84	P-10	0.5	0.5	1.956	0.2	0.2	11.1
6/24/84	P-11	0.5	0.6	2.118	0.2	0.2	11.1
6/27/84	P-12)	0.5	0.5	1.823)	0.2	0.3	10.3
	)	0.0	0	0.983)			
		21.1				13.1	

$$\text{Flow Rate (6/7/84 to 6/22/84)} = \frac{17644 \text{ ml}}{(17 \text{ day})\ \frac{(1440 \text{ min})}{\text{day}}} = 0.8 \text{ ml/minute}$$

$$= 0.003 \text{ gpm/ft}^2$$

$$\text{NaCN Consumed} = \frac{(21.1 - 13.1)}{(10{,}011\text{g})}\ (2000) = 1.6 \text{ lbs/ton Ore}$$

ASSAY REPORT SHEET

ASSAY LAB, INC.
1376 W. 8040 So. Unit #4
West Jordan, Utah 84084

Date Received _____ Date Reported 6-11-84

Client Dawson Metallurgical Labs

Sample Identification	Oz / Ton Au	Oz / Ton Ag	Remarks
			* Ounces per ton of 2000 lbs.
P-1042 A.F. Budge			
P-1042 Comp C&D T-1 P-1	.125		
	.130		
P-1042 " " " P-2	.055		
	.054		

Ronald Bianchi

ASSAY REPORT SHEET

ASSAY LAB, INC.
1376 W. 8040 So. Unit #4
West Jordan, Utah 84084

Date Received _____ Date Reported 6-12-84

Client Dawson Metallurgical Labs

Sample Identification	Oz / Ton Au	Oz / Ton Ag	Remarks
			* Ounces per ton of 2000 lbs.
P-1042 A.F. Budge			
P-1042 Comp C&D T-1 P-3	.030		
	.030		
P-1042 Comp C&D T-1 P-4	.022		
	.021		

Leonard Bianchi

ASSAY REPORT SHEET

ASSAY LAB, INC.
1376 W. 8040 So. Unit #4
West Jordan, Utah 84084

Date Received _____ Date Reported 6-14-84

Client Dawson Metallurgical Labs

Sample Identification	Oz / Ton Au	Oz / Ton Ag	Remarks
			* Ounces per ton of 2000 lbs.
P-1042 A.F. Budge			
P-1042 Comp C%D P-5	.016 .016		

Ronald Bianchi

ASSAY REPORT SHEET

ASSAY LAB, INC.
1376 W. 8040 So. Unit #4
West Jordan, Utah 84084

Date Received _____ Date Reported 6-15-84

Client Dawson Metallurgical Labs

Sample Identification	Oz / Ton Au	Oz / Ton Ag	Remarks
			* Ounces per ton of 2000 lbs.
P-1042 A.F. Budge			
P-1042 Comp c&D P-6	.012 .012		

Ronald Bianchi

ASSAY REPORT SHEET

ASSAY LAB, INC.
1376 W. 8040 So. Unit #4
West Jordan, Utah 84084

Date Received _____ Date Reported 6-20-84

Client Dawson Metallurgical Labs

Sample Identification	Oz / Ton Au	Oz / Ton Ag	Remarks
			* Ounces per ton of 2000 lbs.
P-1042 A.F. Budge			
P-1042 Comp 6&D P-7	.012		
	.012		
P-1042 " " P-8	.010		
	.010		

Ronald Bianchi

ASSAY REPORT SHEET

ASSAY LAB, INC.
1376 W. 8040 So. Unit #4
West Jordan, Utah 84084

Date Received _____ Date Reported 6-25-84

Client Dawson Metallurgical Labs

Sample Identification	Oz / Ton Au	Oz / Ton Ag	Remarks
			* Ounces per ton of 2000 lbs.
P-1042 A.F. Budge			
P-1042 Comp C&D P-9	.007		
	.007		
P-1042 " " P-10	.006		
	.006		
P-1042 " " P-11	.006		
	.006		

Ronald Bianchi

ASSAY REPORT SHEET

ASSAY LAB, INC.
1376 W. 8040 So. Unit #4
West Jordan, Utah 84084

Date Received _____ Date Reported 6-28-84

Client Dawson Metallurgical Labs

Sample Identification	Oz / Ton Au	Oz / Ton Ag	Remarks
			* Ounces per ton of 2000 lbs.
P-1042 A.F. Budge			
P-1042 T-1 P-12 L. Soln	.004 .005		

Ronald Broncho

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

REPORT OF ANALYSIS

JOB NO. UQX 001
March 29, 1984
T-1 0-5 TO T-2A 20-21

A.F. BUDGE (MINING) LIMITED
Attn: Mr. Ben F. Dickerson III
DMEA Ltd.
4203 North Brown Avenue, Suite F
Scottsdale, Arizona 85251

Analysis of 151 Tailing Samples

ITEM	SAMPLE NUMBER	REJECTS (Checks)	FIRE ASSAY Au* (oz/t)	FIRE ASSAY Ag* (oz/t)
1	T-1 0-5		.060	.13
2	T-1 5-10		.050	.01
3	T-1 10-15		.050	.07
4	T-1 15-19		.065	.02
5	T-1 19-25		.045	<.01
6	T-2 0-5		.075	.15
7	T-2 5-10		.030	.05
8	T-2 10-15		.050	.05
9	T-2 15-20		.020	.01
10	T-2 20-23 1/2		.010	<.01
11	T-3 0-5		.020	<.01
12	T-3 5-10		.015	<.01
13	T-3 10-15		.075	.05
14	T-3 15-19		.015	.02
15	T-4 0-5	.065	.045	.09
16	T-4 5-10	.015	.010	.04
17	T-4 10-15	.025	.020	<.01
18	T-4 15-17 1/2	.020	.015	<.01
19	T-5 0-5	.030	.025	.06
20	T-5 5-10	.015	.015	<.01
21	T-5 10-15	.020	.020	.04
22	T-5 15-20	.035	.030	.04
23	T-6 0-5		.040	.07
24	T-6 5-10		.025	.05
25	T-6 10-15		.030	<.01

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

JOB NO. UQX 001
March 29, 1984

ITEM	SAMPLE NUMBER	FIRE ASSAY Au* (oz/t)	Ag* (oz/t)
26	T-6 15-20	.030	<.01
27	T-7 0-5	.045	.10
28	T-7 5-10	.045	.04
29	T-7 10-15	.050	.03
30	T-7 15-20	.050	.13
31	T-8 0-5	.060	.09
32	T-8 5-10	.035	<.01
33	T-8 10-15	.025	<.01
34	T-9 0-5	.050	.09
35	T-9 5-10	.030	<.01
36	T-9 10-13 1/2	.030	.03
37	T-10 0-5	.050	.06
38	T-10 5-10	.020	<.01
39	T-11 0-5	.055	.13
40	T-12 0-5	.035	.12
41	T-13 0-5	.060	.11
42	T-13 5-10	.065	.13
43	T-13 10-15	.030	.06
44	T-14 0-5	.040	.13
45	T-14 5-10	.055	.11
46	T-15 0-5	.055	.16
47	T-15 5-9	.040	.07
48	T-16 0-5	.035	.09
49	T-16 5-10	.045	.06
50	T-16 10-15	.010	<.01

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
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James A. Martin
Arizona Registered Assayer No. 11122

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

JOB NO. UQX 001
March 29, 1984

ITEM	SAMPLE NUMBER	FIRE ASSAY Au* (oz/t)		Ag* (oz/t)
51	T-17 0-5		.020	<.01
52	T-18 0-5		.040	.08
53	T-19 0-5		.055	.09
54	T-19 5-10		.030	<.01
55	T-20 0-5		.040	.09
56	T-20 5-10		.030	.10
57	T-21 0-5		.050	.09
58	T-21 5-10		.020	.12
59	T-21 10-15		.040	<.01
60	T-21 15-17		.025	.02
61	T-22 0-5		.020	.03
62	T-22 5-10		.015	.04
63	T-22 10-15		.040	.02
64	T-22 15-20		.030	.04
65	T-23 0-5	.025	.025	.11
66	T-23 5-10	.020	.025	.04
67	T-23 10-15	.010	.015	.07
68	T-24 0-5		.010	<.01
69	T-24 5-10		.010	<.01
70	T-24 10-15		.015	<.01
71	T-24 15-20		.010	<.01
72	T-25 0-5	.010	.015	.05
73	T-25 5-10	.010	.015	<.01
74	T-25 10-15	.010	.020	.05
75	T-25 15-19	.015	.015	.01

Charles E. Thompson
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SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

ITEM	SAMPLE NUMBER		FIRE ASSAY Au* (oz/t)	Ag* (oz/t)
76	T-26 0-5		.020	.04
77	T-26 5-10		.020	.03
78	T-27 0-5	.020	.020	<.01
79	T-27 5-10	.010	.015	.01
80	T-27 10-15	.015	.030	.03
81	T-27 15-20	.015	.025	.02
82	T-28 0-5		.015	<.01
83	T-28 5-10		.010	<.01
84	T-28 10-15		.015	<.01
85	T-28 15-17		.010	<.01
86	T-29 0-5	.025	.025	<.01
87	T-29 5-10	.010	.015	<.01
88	T-29 10-15	.020	.015	<.01
89	T-29 15-20	.025	.010	.05
90	T-30 0-5		.025	<.01
91	T-30 5-10		.015	.06
92	T-31 0-5	.010	.010	<.01
93	T-31 5-10	.025	.020	.03
94	T-31 10-15	.010	.020	<.01
95	T-32 0-5		.030	.09
96	T-33 0-5		.035	<.01
97	T-34 0-5		.035	.04
98	T-35 0-5		.030	.07
99	T-36 0-5		.040	.01
100	T-37 0-5		.035	.16

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

JOB NO. UQX 001
March 29, 1984

ITEM	SAMPLE NUMBER	FIRE ASSAY Au* (oz/t)	Ag* (oz/t)
101	T-37 5-10	.020	<.01
102	T-38 0-5	.050	.13
103	T-38 5-10	.015	<.01
104	T-39 0-5	.010	.02
105	T-40 0-5	.020	.06
106	T-40 5-10	.010	<.01
107	T-41 0-5	.095	.40
108	T-41 5-10	.020	.03
109	T-42 0-5	.050	.18
110	T-43 0-5	.025	.03
111	T-44 0-5	.060	.21
112	T-44 5-8	.035	.10
113	T-45 0-5	.025	.05
114	T-46 0-5	.020	.16
115	T-47 0-5	.050	.18
116	T-47 5-8	.040	.02
117	T-48 0-5	.040	.19
118	T-49 0-5	.025	.01
119	T-49 5-7 1/2	.010	<.01
120	T-50 0-5	.060	.10
121	T-50 5-10	.025	.18
122	T-51 0-5	.055	.15
123	T-51 5-10	.035	.06
124	T-51 10-15	.030	.05
125	T-51 15-20	.030	.02

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

ITEM	SAMPLE NUMBER	FIRE ASSAY Au* (oz/t)	Ag* (oz/t)
126	T-52 0-5	.065	.07
127	T-52 5-10	.030	.06
128	T-52 10-15	.060	.06
129	T-52 15-18	.050	.10
130	T-53 0-5	.055 .065	.10
131	T-53 5-10	.035 .035	.07
132	T-53 10-14	.025 .020	<.01
133	T-54 0-5	.045	.09
134	T-54 5-10	.050	.07
135	T-55 0-5	.050	.04
136	T-55 5-10	.045	.08
137	T-55 10-15	.040	.03
138	T-55 15-20	.025	<.01
139	T-56 0-5	.015 .015	<.01
140	T-56 5-10	.015 .010	.01
141	T-56 10-15	.015 .015	<.01
142	T-56 15-20	.015 .020	<.01
143	T-57 0-5	.010 .010	<.01
144	T-57 5-10	.010 .010	<.01
145	T-57 10-15	.010 .015	.02
146	T-57 15-18	.010 .015	.07
147	T-2A 0-2	.040	.07
148	T-2A 5-6	.035	<.01
149	T-2A 10-11	.035	.01
150	T-2A 15-16	.005	.08

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
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James A. Martin
Arizona Registered Assayer No. 11122

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

ITEM	SAMPLE NUMBER	FIRE ASSAY Au* (oz/t)	Ag* (oz/t)
151	T-2A 20-21	<.005	<.01

*NOTE: Analysis based on one assay-ton sample.

cc: Tara Minerals, Inc.
Attn.: Mr. Milton W. Hood
P.O. Box 20340
Wickenburg, Arizona 85358

William L. Lehmbeck
Manager

Merrill Lynch Cash Management Account®

BEN F. DICKERSON III
6648 E. JEAN DR.
SCOTTSDALE, AZ 85254

1154

August 27 19 84 — 25-80/440

Pay to the order of Dawson Metallurgical Laboratories, Inc. $ 1,268.80

One Thousand Two Hundred and Sixty-Eight --------- 80/100 Dollars

BANK ONE
BANK ONE, COLUMBUS, NA
Columbus, Ohio 43271

1984

For Invoice #1546: 8/1/84

Ben F. Dickerson III

"001154" ⑆044000804⑆ 31757900 2"

To: A.F. Budge (Mining) Ltd.
c/o Ben F. Dickerson III
DMEA Ltd.
4203 North Brown Avenue, Suite F
Scottsdale, Arizona 85251

Date: 8/1/84
Terms: Net 30 days
Cust. Order: Verbal
Our Project No.: P-1042 C&D

Description		Hours	Rate	Amount
Charges for Laboratory Testing on Samples from Vulture Mine Samples Received 6/1/84.				
METALLURGICAL SERVICES				720.00
TECHNICAL SERVICES		1	25.00	25.00
Laboratory Use		19	15.00	285.00
Stenographic Services		1	10.00	10.00
Assay Lab. Invoice #1884	96.00			
#1891	96.00			
#1910	16.00			
	208.00			
Plus 10% Handling	20.80			
	228.80			228.80
Net Due				$1,268.80

A service charge of 1-1/2% per month (annual percentage rate at 18%) will be charged on invoices not paid within 30 days.

DAWSON METALLURGICAL LABORATORIES, INC.

P.O. Box 7685
5217 Major Street
Murray, Utah 84107
Phone: 801-262-0922

INVOICE

Invoice No.: 1546

To: A.F. Budge (Mining) Ltd.
c/o Ben F. Dickerson III
DMEA Ltd.
4203 North Brown Avenue, Suite F
Scottsdale, Arizona 85251

Date: 8/1/84
Terms: Net 30 days
Cust. Order: Verbal
Our Project No.: P-1042 C&D

Description		Hours	Rate	Amount
Charges for Laboratory Testing on Samples from Vulture Mine Samples Received 6/1/84.				
METALLURGICAL SERVICES				720.00
TECHNICAL SERVICES		1	25.00	25.00
Laboratory Use		19	15.00	285.00
Stenographic Services		1	10.00	10.00
Assay Lab. Invoice #1884	96.00			
#1891	96.00			
#1910	16.00			
	208.00			
Plus 10% Handling	20.80			
	228.80			228.80
Net Due				$1,268.80

A service charge of 1-1/2% per month (annual percentage rate at 18%) will be charged on invoices not paid within 30 days.

DAWSON METALLURGICAL LABORATORIES, INC.

P.O. Box 7685
5217 Major Street
Murray, Utah 84107
Phone: 801-262-0922

INVOICE

RECEIVED AUG 3 1984

Invoice No.: 1546

To: A.F. Budge (Mining) Ltd.
c/o Ben F. Dickerson III
DMEA Ltd.
4203 North Brown Avenue, Suite F
Scottsdale, Arizona 85251

Date: 8/1/84
Terms: Net 30 days
Cust. Order: Verbal
Our Project No.: P-1042 C&D

Description		Hours	Rate	Amount
Charges for Laboratory Testing on Samples from Vulture Mine Samples Received 6/1/84.				
METALLURGICAL SERVICES				720.00
TECHNICAL SERVICES		1	25.00	25.00
Laboratory Use		19	15.00	285.00
Stenographic Services		1	10.00	10.00
Assay Lab. Invoice #1884	96.00			
#1891	96.00			
#1910	16.00			
	208.00			
Plus 10% Handling	20.80			
	228.80			228.80
Net Due				$1,268.80

A service charge of 1-1/2% per month (annual percentage rate at 18%) will be charged on invoices not paid within 30 days.

1910

ASSAY LAB, INC.
1376 W. 8040 SO. NO. 4
W. JORDAN, UTAH 84084

CUSTOMER'S ORDER NO.	DEPT.	DATE
P-1042		7-31-84

NAME: Dawson Metallurgical Labs

ADDRESS: 5217 Major Street Murray Utah

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RETD.	PAID OUT
A.F. Budge						

QUAN.		DESCRIPTION	PRICE	AMOUNT
7-9	1	1 Leach Residue T-1 Dy	16⁰⁰	16 00
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	18			

REC'D BY

REDIFORM®
5H 320

KEEP THIS SLIP
FOR REFERENCE

1884

ASSAY LAB, INC.
1376 W. 8040 SO. NO. 4
W. JORDAN, UTAH 84084

CUSTOMER'S ORDER NO.	DEPT.	DATE
P-1042		6-15-84

NAME: Dawson Metallurgical Labs

ADDRESS: 527 Major Street Murray, Utah

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RETD.	PAID OUT
A.F. Budge						

QUAN.		DESCRIPTION	PRICE	AMOUNT	
6-11	1	2 Cyn Solns P-1, P-2 (Comp C+D)	16 ea	32	00
6-12	2	2 Cyn Solns (T-1) P-3 - P-4	16 ea	32	00
6-14	3	1 Cyn Soln T-1 Comp C+D P-5	16 ea	16	00
6-15	4	1 Cyn Soln P-6	16 ea	16	00
	5				
	6			96	00
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				

REC'D BY

REDIFORM® 5H 320

KEEP THIS SLIP
FOR REFERENCE

1891

ASSAY LAB, INC.
1376 W. 8040 SO. NO. 4
W. JORDAN, UTAH 84084

CUSTOMER'S ORDER NO.	DEPT.	DATE
P-1042		6-30-84

NAME: Dawson Metallurgical Labs

ADDRESS: 5217 Major Street Murray, Utah 84107

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RETD.	PAID OUT
A.F. Budge						

QUAN		DESCRIPTION	PRICE	AMOUNT
6-20	1	2 cya solns P-7,8 (Comp Cu)	16.00	32 00
6-25	2	2 cya solns P-9, P-10 (Duplicate)	16.00	32 00
6-26	3	1 cya soln P-11	16.00	16 00
6-28	4	1 cya Soln P-12	16.00	16 00
	5			96 00
	6			
	7			
	8			
	9			
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	18			

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REDIFORM®
5H 320

KEEP THIS SLIP
FOR REFERENCE

DAWSON
METALLURGICAL
LABORATORIES, INC.

P.O. Box 7685
5217 Major Street
Murray, Utah 84107
Phone: 801-262-0922

RECEIVED APR 2 6 1984

INVOICE

Invoice No.: 1492

To: A.F. Budge (Mining) Ltd.
C/O Ben F. Dickerson III
DMEA Ltd.
4203 N. Brown Avenue, Suite F
Scottsdale, Arizona 85251

Date: 4/24/84
Terms: Net 30 days
Cust. Order: Letter 3/13/84
Our Project No.: P-1042

Description		Hours	Rate	Amount
Charges for Laboratory Testing on Vulture Mine Project thru 4/20/84 on Sample Received 3/16/84.				
METALLURGICAL LABORATORIES		36	40.00	1,440.00
TECHNICAL SERVICES		25	25.00	625.00
Laboratory Use		61	15.00	915.00
Union Assay Invoice 3/30/84	304.00			
Assay Lab., Invoice #1818	304.00			
	608.00			
Plus 10% Handling	60.80			
	668.80			668.80
Total Amount Due				$3,648.80

A service charge of 1-1/2% per month (annual percentage rate at 18%) will be charged on invoices not paid within 30 days.

UNION ASSAY OFFICE, INC.

P. O. BOX 1528
SALT LAKE CITY, UTAH 84110
(801) 363-3302

CHARGE TO Dawson Met Labs, Inc.
Murray, UT

DATE Mar 30, 1984

DATE		NAME	LOT NUMBER		
		Re: A.F. Budge P-1042			
Mar	22	A Test #1: +48 Mesh, +65Mesh, +100Mesh, +150 Mesh, +200, +325, -325		133.00	
	27	A Test 2 Leach Residue: +48, -48+65, -65+100, -100+150, -150+200, -200+325, -325 Soln		152.00	
	29	B Head Sample		19.00	
				304.00	
					304.00

To insure proper credit please return one copy with payment
DUE UPON RECEIPT

1813

ASSAY LAB, INC.
1376 W. 8040 SO. NO. 4
W. JORDAN, UTAH 84084

CUSTOMER'S ORDER NO.	DEPT.	DATE
P-1042		4-15-84

NAME Dawson Metallurgical Labs

ADDRESS 5217 Majestic Street Murray, Utah

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE.RETD.	PAID OUT
A.F. Budge						

QUAN.		DESCRIPTION	PRICE	AMOUNT	
4-3	1	3 Dup Head Assays (Hercules)	16.00	48	00
4-6	2	3 Dup Cyn Soln P-1, P-2, P-3	16.00	48	00
4-10	3	2 Dup Cyn Soln P-4, P-5	16.00	32	00
4-10	4	1 T-2 Leach soln Dup	16.00	16	00
4-11	5	7 Dup Au fusion (size fractions)	16.00	112	00
4-12	6	2 Cyn solns P-6, P-7 (Dup)	16.00	32	00
4-13	7	1 Cyn soln P-8	16.00	16	00
	8			304	00
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				

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5H 320

KEEP THIS SLIP
FOR REFERENCE

DAWSON
METALLURGICAL
LABORATORIES, INC.

P.O. Box 7685
5217 Major Street
Murray, Utah 84107
Phone: 801-262-0922

INVOICE

Invoice No.: 1492

To: A.F. Budge (Mining) Ltd.
C/O Ben F. Dickerson III
DMEA Ltd.

4203 N. Brown Avenue, Suite F

Scottsdale, Arizona 85251

Date: 4/24/84

Terms: Net 30 days

Cust. Order: Letter 3/13/84

Our Project No.: P-1042

Description		Hours	Rate	Amount
Charges for Laboratory Testing on Vulture Mine Project thru 4/20/84 on Sample Received 3/16/84.				
METALLURGICAL LABORATORIES		36	40.00	1,440.00
TECHNICAL SERVICES		25	25.00	625.00
Laboratory Use		61	15.00	915.00
Union Assay Invoice 3/30/84	304.00			
Assay Lab., Invoice #1818	304.00			
	608.00			
Plus 10% Handling	60.80			
	668.80			668.80
Total Amount Due				$3,648.80

A service charge of 1-1/2% per month (annual percentage rate at 18%) will be charged on invoices not paid within 30 days.

DAWSON
METALLURGICAL
LABORATORIES, INC.

P.O. Box 7685
5217 Major Street
Murray, Utah 84107
Phone: 801-262-0922

INVOICE

RECEIVED APR 2 6 1984

To: A.F. Budge (Mining) Ltd.
C/O Ben F. Dickerson III
DMEA Ltd.
4203 N. Brown Avenue, Suite F
Scottsdale, Arizona 85251

Invoice No.: 1492
Date: 4/24/84
Terms: Net 30 days
Cust. Order: Letter 3/13/84
Our Project No.: P-1042

Description		Hours	Rate	Amount
Charges for Laboratory Testing on Vulture Mine Project thru 4/20/84 on Sample Received 3/16/84.				
METALLURGICAL LABORATORIES		36	40.00	1,440.00
TECHNICAL SERVICES		25	25.00	625.00
Laboratory Use		61	15.00	915.00
Union Assay Invoice 3/30/84	304.00			
Assay Lab., Invoice #1818	304.00			
	608.00			
Plus 10% Handling	60.80			
	668.80			668.80
				$3,648.80

ntage rate
n 30 days.

Merrill Lynch Cash Management Account

BEN F. DICKERSON, III
6648 E. JEAN DRIVE
SCOTTSDALE, AZ 85254

0994

May 8 1984

25-80
440

ay to the
der of Dawson Metallurgical Laboratories, Inc $ 3,648.80

hree Thousand Six Hundred and Forty-Eight 80/100 Dollars

BANK ONE.
BANK ONE OF COLUMBUS, N.A.
Columbus, Ohio 43271

Invoice No. 1492[P-1042]

Ben F. Dickerson III

:044000804: 301757900 2" 0994

DAWSON
METALLURGICAL
LABORATORIES, INC.

P.O. Box 7685
5217 Major Street
Murray, Utah 84107
Phone: 801-262-0922

INVOICE

Invoice No.: 1523

To: A.F. Budge (Mining) Ltd.
C/O Ben F. Dickerson III
DMEA Ltd
4203 N. Brown Avenue, Suite F
Scottsdale, Arizona 85251

Date: 6/4/84
Terms: Net 30 days
Cust. Order: Letter 3/13/84
Our Project No.: P-1042

Description		Hours	Rate	Amount
Charges for Laboratory Testing on Samples from Vulture Mine 4/21/84 to 5/7/84, on Samples Received.				
METALLURGICAL SERVICES		10	40.00	400.00
Laboratory Use		10	15.00	150.00
Stenographic Services		4	10.00	40.00
Union Assay Invoice 4/30/84	58.00			
Assay Labs., Inc. Invoice 1833	336.00			
1852	16.00			
	410.00			
Plus 10% Handling	41.00			
	451.00			451.00
Total Amount Due				$1,041.00

Merrill Lynch Cash Management Account®

BEN F. DICKERSON, III
6648 E. JEAN DRIVE
SCOTTSDALE, AZ 85254

1077

June 28 1984

25-80
440

Pay to the order of Dawson Metallurgical Laboratories $ 1,041.00

One Thousand and Forty-One & 00/100 ------- Dollars

BANK ONE
BANK ONE OF COLUMBUS, N.A.
Columbus, Ohio 43271

For Invoice #1523

Ben F. Dickerson III

⑆044000804⑆ 301757900 2⑈ 1077

HARLAND DD8 4

DAWSON
METALLURGICAL
LABORATORIES, INC.

P.O. Box 7685
5217 Major Street
Murray, Utah 84107
Phone: 801-262-0922

INVOICE

Invoice No.: 1523

To: A.F. Budge (Mining) Ltd.

Date: 6/4/84

C/O Ben F. Dickerson III

Terms: Net 30 days

DMEA Ltd

Cust. Order: Letter 3/13/84

4203 N. Brown Avenue, Suite F

Our Project No.: P-1042

Scottsdale, Arizona 85251

Description		Hours	Rate	Amount
Charges for Laboratory Testing on Samples from Vulture Mine 4/21/84 to 5/7/84, on Samples Received.				
METALLURGICAL SERVICES		10	40.00	400.00
Laboratory Use		10	15.00	150.00
Stenographic Services		4	10.00	40.00
Union Assay Invoice 4/30/84	58.00			
Assay Labs., Inc. Invoice 1833	336.00			
1852	16.00			
	410.00			
Plus 10% Handling	41.00			
	451.00			451.00
Total Amount Due				$1,041.00

A service charge of 1-1/2% per month (annual percentage rate at 18%) will be charged on invoices not paid within 30 days.

DAWSON METALLURGICAL LABORATORIES, INC.

P.O. Box 7685
5217 Major Street
Murray, Utah 84107
Phone: 801-262-0922

INVOICE

RECEIVED JUN 6 1984

Invoice No.: 1523

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C/O Ben F. Dickerson III
DMEA Ltd
4203 N. Brown Avenue, Suite F
Scottsdale, Arizona 85251

Date: 6/4/84
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Union Assay Invoice 4/30/84	58.00			
Assay Labs., Inc. Invoice 1833	336.00			
1852	16.00			
	410.00			
Plus 10% Handling	41.00			
	451.00			451.00
Total Amount Due				$1,041.00

A service charge of 1-1/2% per month (annual percentage rate at 18%) will be charged on invoices not paid within 30 days.

1852

ASSAY LAB, INC.
1376 W. 8040 SO. NO. 4
W. JORDAN, UTAH 84084

CUSTOMER'S ORDER NO.	DEPT.	DATE
P-1042		5-16-84

NAME: Dawson Metallurgical Labs

ADDRESS: 5217 Major Street Murray, Utah

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE.RETD.	PAID OUT
A.F. Rudge P1042						

QUAN.		DESCRIPTION	PRICE	AMOUNT	
5-2	1	1 L. Residue T-5	16.00	16	00
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				

REC'D BY

REDIFORM®
5H 3

KEEP THIS SLIP
FOR REFERENCE

UNION ASSAY OFFICE, INC.

P. O. BOX 1528
SALT LAKE CITY, UTAH 84110
(801) 363-3302

CHARGE TO Dawson Met Labs, Inc.
Murray, UT

DATE Apr 30, 1984

DATE		NAME	LOT NUMBER				
		Re: A.F. Budge P-1042					
Apr	3	B Test 1: Leach Residue, Leach Soln		58	.00		
						58	.00

To insure proper credit please return one copy with payment
DUE UPON RECEIPT

1833

ASSAY LAB, INC.
1376 W. 8040 SO. NO. 4
W. JORDAN, UTAH 84084

CUSTOMER'S ORDER NO.	DEPT.	DATE
P-1042		4-30-84

NAME: Dawson Metallurgical Labs

ADDRESS: 5217 Major Street Murray, Utah

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RETD.	PAID OUT
A.F. Budge						

QUAN.		DESCRIPTION	PRICE	AMOUNT
4-17	1	2 T-3 Cya Sols P-13, P-9 (T-3)	16.00	32 00
	2	4 T-4 " " P-1,2,3,4	16.00	64 00
	3	1 T-5 " " P-1	16.00	16 00
4-18	4	2 cya Sols T-4 P-5, T-5 P-2	16.00	32 00
4-20	5	4 Cya Sols T-4 P-6,7 & T-5 P-3,4	16.00	64 00
4-24	6	6 cya Sols T-4 P-8,9, T-5, P-5,6,7,8	16.00	96 00
	7	1 Leach Residue T-3	16.00	16 00
4-26	8	1 L. Residue T-4	16.00	16 00
	9			336 00
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	18			

REC'D BY

REDIFORM®
5H 320

KEEP THIS SLIP FOR REFERENCE

DAWSON METALLURGICAL LABORATORIES, INC.

P. O. Box 7685
5217 Major Street
Murray, Utah 84107
Phone: 801-262-0922

January 22, 1985

Mr. Ben Dickerson III
DMEA Ltd
4203 N. Brown Avenue, Suite F
Scottsdale, Arizona 85251

Dear Mr. Dickerson:

Dawson Metallurgical Laboratories, Inc. was started over seven and one-half years ago as a result of the Galigher Company phasing out its research laboratory. Since our company started we have worked on over 1000 projects covering a wide variety of ore samples from throughout the world. As a result of economic conditions during this period a majority of our investigations have been associated with process development of gold and silver ores. However, we have conducted considerable testing on a wide variety of base metal ores and industrial minerals as well as coal and tar sand.

We have sincerely endeavored to give our clients meaningful evaluations. The industries acceptance of our work has kept us in operation and is very much appreciated.

Changes in technology and economic conditions are presently having a marked effect on the mineral industry in the United States as well as the rest of the world. With the changes in emphases that are now under way the development of new processes as well as improving existing processes for minerals that are and will come into consideration will be vital.

From our overall experience in the areas of process development we believe we are of service to the industry in these changing times. We would be pleased to discuss with you any project and to aid you in areas of our expertise.

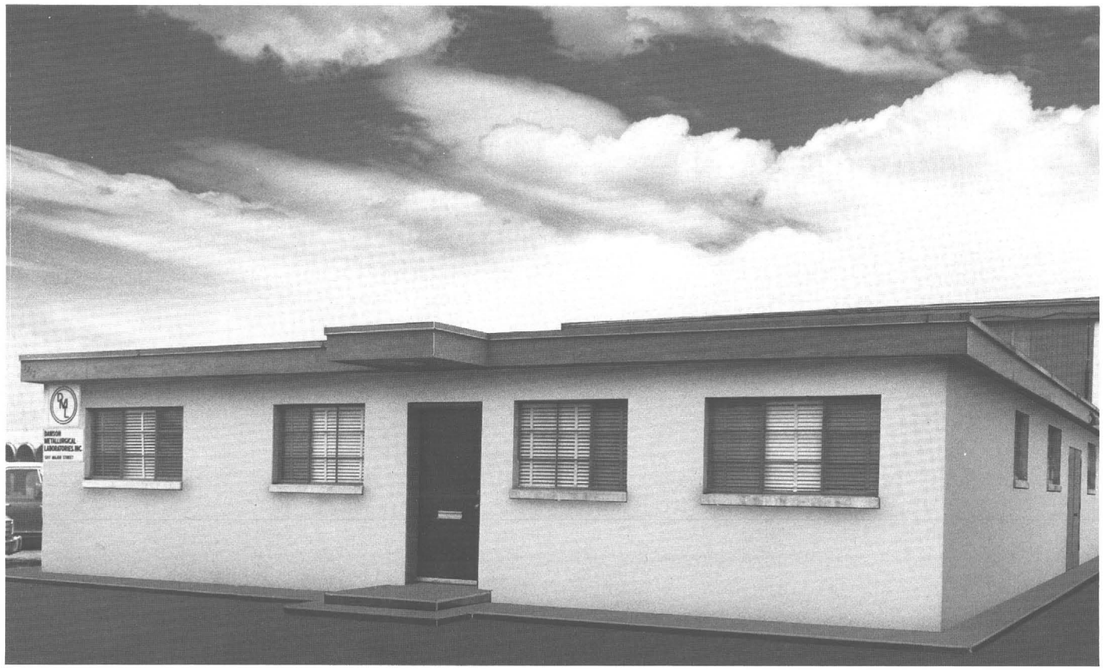
If you have any questions or we can be of service, please contact us.

Very truly yours,
DAWSON METALLURGICAL LABORATORIES, INC.

Harmel A Dawson

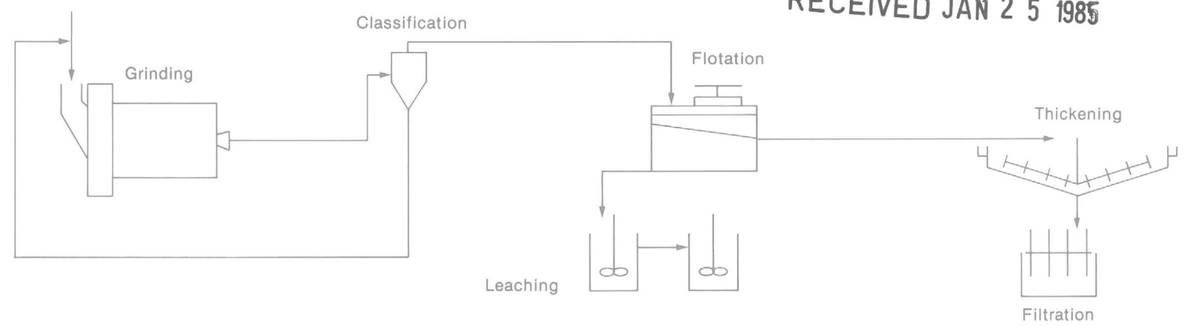
Harmel A. Dawson,
President

HAD-cac



DAWSON
METALLURGICAL
LABORATORIES, INC.

P.O. Box 7685, 5217 Major Street, Murray, Utah 84107
Phone: 801-262-0922

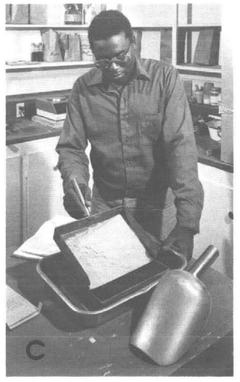


DAWSON METALLURGICAL LABORATORIES, INC.

A Process Development Laboratory


A


B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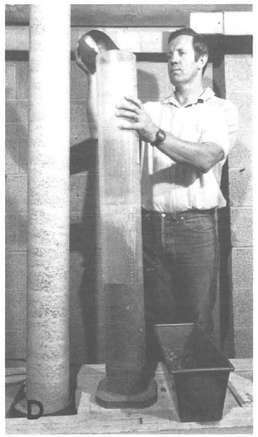
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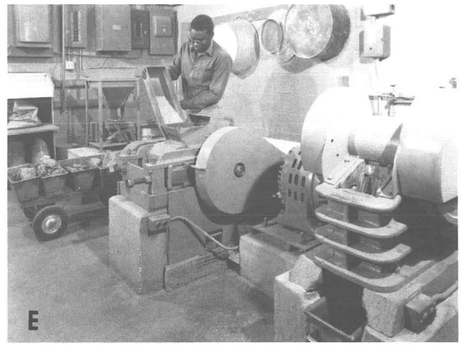
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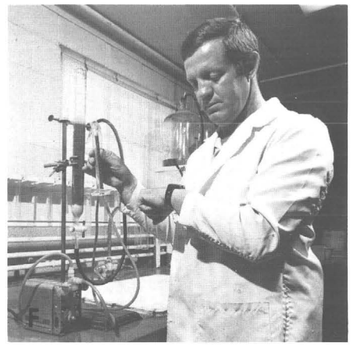

F


G

A Flotation
B Settling tests
C Final sample preparation
D Column leaching
E Coarse sample preparation
F Small column leaching
G Stenographic and computer

The purpose of Dawson Metallurgical Laboratories is to provide a service to industry by offering expertise and laboratory facilities for handling a wide variety of mineral beneficiation problems.

Every effort is made on each investigation to make evaluations as complete as desired at minimum expense to the client. All research is conducted along practical lines with economic aspects always in mind. When necessary, we provide follow-up consultation in the field.

If desired, a project can be handled with the guidance or assistance of the client or personnel designated by the client. These people are always welcome in the laboratory.

Since our founding in 1977, Dawson Metallurgical Laboratories has enjoyed steady growth with personalized service for our clients' needs as the primary objective. Our clients return again and again for our services and council.

Harmel A. Dawson
President

Services

All emphasis is directed toward development during known and tried methods of operation.

- Conduct amenability testing
- Obtain data of anticipated plant results
- Develop flow schemes
- Obtain data required for plant design
- Match methods with economic needs and capabilities of the client
- Conduct testing toward improving present plant metallurgy
- Conduct testing to aid in solving plant problems

Testing Capabilities

We have the experience and facilities to solve most mineral beneficiation problems. Included are the following:

- Flotation: sulfide, oxide, industrial minerals, coal
- Gravity Concentration: heavy liquid, tabling, vanning
- Sizing: screening, cycloning, decantation
- Low Intensity Magnetic Separations
- Liquid/Solid Separation: thickening and filtration
- Hydrometallurgical Treatment: cyanidation, acid leaching
- Basic Ion Exchange and Solvent Extraction Separation
- Coal Preparation: washability curves, flotation

Facilities

Our laboratories are well-equipped to handle most beneficiation problems. When we are unable to handle special or unusual areas of an investigation, we make arrangements with other laboratories to handle these phases. The selection must be client approved. Analyses required during investigations are done by outside independent assay laboratories.

Technical Experience

All of the laboratory work is performed by or under the direct supervision of experienced metallurgists – Harmel A. Dawson, Philip Thompson, Richard McDonald, Harris Salisbury.

The experience and capabilities of Mr. Dawson are well-established in metallurgical research. Prior to founding Dawson Metallurgical Laboratories, Inc., he was manager of the Galigher Company Metallurgical Research Laboratory and held positions of chief metallurgist, project metallurgist, metallurgical superintendent and plant metallurgist for consulting firms and a custom milling organization. A majority of his experience has been in process development and in solving problems directly connected with plant operations. This experience has been gathered from all parts of the world.

Mr. Thompson has been a product manager for a minerals processing equipment company, minerals processing project manager for the U.S. Bureau of Mines, and process metallurgist for a major gold mine in Nevada.

Mr. McDonald has been a metallurgist at a silver mine in Nevada, sales engineer for a minerals processing equipment company, and project manager for various mineral processing projects at the U.S. Bureau of Mines.

Mr. Salisbury's expertise, particularly with precious metals, is recognized throughout the world. He has held supervisory positions at many small mines throughout the Western United States, and was a project manager for various precious metals projects at the U.S. Bureau of Mines.

Qualified outside metallurgists associated with our laboratory are available for consultation as well as aiding in handling projects.

Fees

Fees are based on an hourly rate or by contract. In order to evaluate the problem, we often recommend a preliminary investigation. If the findings indicate that an economic operation is possible, we can conduct further investigations for final flowsheet and plant design.

We would be pleased to discuss your problem and furnish a schedule of our current charges upon request.

DMEA Ltd.
Mineral Exploration Advice

Ben F. Dickerson III
Registered & Certified Geologist
Carole A. O'Brien
Geologist & Associate

4203 N. Brown Avenue, Suite F
Scottsdale, AZ 85251
(602) 945-4630

March 13, 1984

Mr. Harmel A. Dawson
President
Dawson Metallurgical Labs.,Inc.
5217 Major Street
Murray, UT 84107

Re: Metallurgical work
Vulture Mine Samples

Dear Mr. Dawson:

You will soon be receiving samples from the referenced property. These relate to certain work that you previously discussed with Terry L. Downing, who is no longer associated with the project.

The samples may be sent or delivered by Milt Hood of TARA Minerals at Wickenburg, AZ. The work is to be done on behalf of (and billed to) A.F. Budge (Mining) Limited (who controls the property), c/o Ben F. Dickerson III, d/b/a DMEA Ltd. at the above address. A copy of your reports can be sent to TARA; the originals, here.

We have engaged your friend, Frank Millsaps, to represent Budge. Please be guided solely by his instructions in all pertinent technical matters. For business guidance you may call on us.

Thank you very much.

Very truly yours,

Ben F. Dickerson III

BFD:ca
cc: F. Millsaps

Terry L. Downing
6594 S. Race Circle E.
Littleton, Colorado 80121

February 20, 1984

Mr. Ben F. Dickerson
DMEA Ltd.
Suite F
4203 N. Brown Avenue
Scottsdale, Arizona 85251

Dear Ben:

Enclosed is a work plan H.D.H. Inc. proposes to comfirm the "ore" reserves and recoverability of the Vulture Mine near Wickenburg. We will have the objective to prove the feasibility of operating under one of two operating plans:

PLAN A: Start recovery of Gold by agglomerated heap leaching methods on 450,000 tons of old stamp mill tailings followed by recovery of Gold by heap leaching methods from fresh ore mined by open pit methods.

Plan B: Simultaneously develop and mine the open pit ore and blend in by percentage the stamp mill tailings. Recovery of Gold would occur by heap leaching methods.

Our principle of evaluation, engineering, construction and operation is to perform as much work as possible with our own people to get the most from the dollar spent. We would welcome you or Carole to look over our shoulder to see that proper methods are observed.

The question of auger drilling versus reverse circulation drilling of the tailings could be resolved by our agreeing to try the auger and if a sample contamination problem did occur we would move in a reverse circulation rig. I have used auger drills 3 times on tailings and have had good results unless the inner portion of the tails were wet and plastic in nature where the walls of the holes would move. I don't think the Vulture tails are wet.

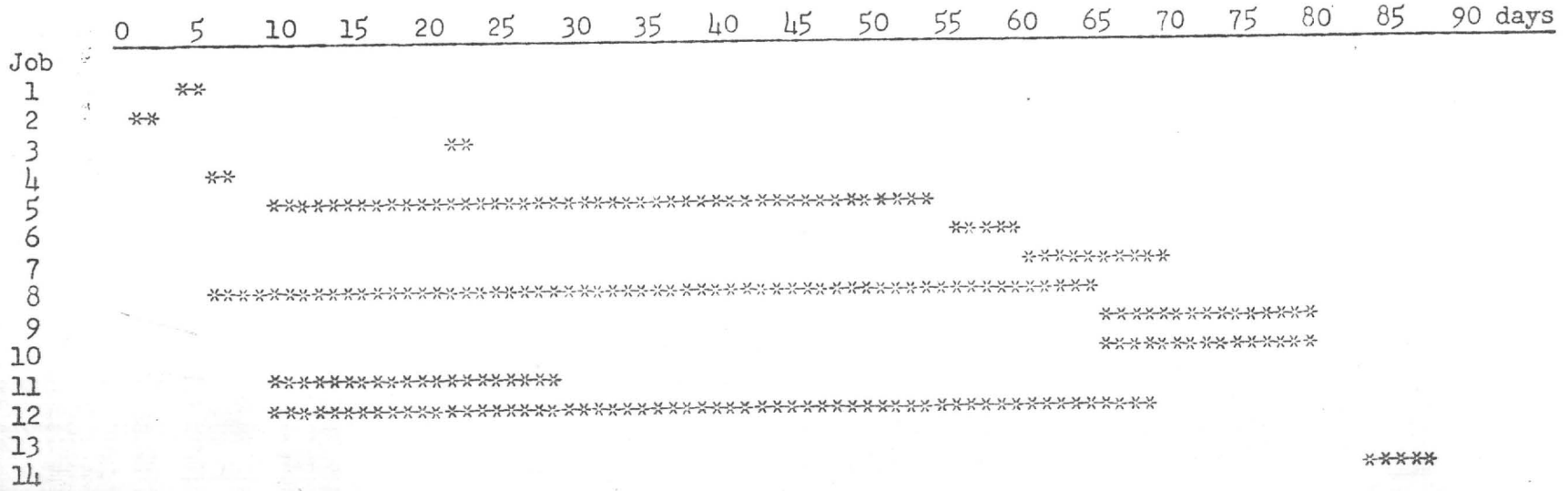
Sincerely yours,

Terry L. Downing

cc: M. W. Hood
G. D. Hennessey

11. Title work	Legal	H.D.H. supervise title company	Resolve Vulture Townsite ownership	$3,000	20 days
12. Permiting	Legal	Downing, Hood	Obtain operating permits	$3,000	60 days
13. General				$7,300	
14. Reporting	Composition	H.D.H.	Final feasibility report	$500	5 days
Total				$60,000	

TIME TABLE



VULTURE MINE
WORK PLAN

Job	Methods	Work done by	Results Expected	Cost	Time
✓ 1. Sample old stamp mill tails ↑ assays, prepare met-sample, etc	Auger drill on grid	H.D.H. will supervise a drilling contractor	Determine grade and thickness of tails reserve, construct met composite sample	$2,000	2 days
✓ 2. Survey grid on old stamp mill tails	Transit, chain	H.D.H.	Determine contour and area of tails	$200	2 days
✓ 3. Prepare map and cross sections	Drafting	Hood	Determine volume of tails	$200	2 days
✓ 4. Survey in surface sample pattern	Transit, chain	Hood Hennessey	Determine contour and sample location	$200	2 days
✓ 5. Surface sample	Back hoe, chip sample, short holle drilling (rotary)	Hood Hennessey	Determine grade and location of near surface ore	$20,000	45 days
✓ 6. Prepare map of surface program	Drafting	Hennessey Hood	Determine assay base for mine design	$200	5 days
7. Prepare bench design maps	Drafting	Hood	Determine first mine design for grade control, estimate ore grade, estimate waste ratio.	$400	10 days
✓ 8. Metallurgical testing work	Laboratory leach testing	Downing supervise Dawson Met Lab	Determine recovery, chemical consumption. percolation rates	$15,000	60 days
? ✓ 9. Design recovery plant, heap layouts	Design	Downing	Plant layout and recovery equipment sizing	$5,000	15 days
✓ 10. Locate equipment	Purchasing (?)	H.D.H.	Determine expected cost of equipment	$3,000	15 days

VULTURE MINE

$350/oz

ESTIMATE OF OPERATING CASH GENERATED

MONTH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17-34	35	36	TOTALS COSTS	TONS	OZ RECOV	REV & CASHFLOW
Tons Mined-Tails	—	—	—	—	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	—	—	—	—	—	—	$ —	450,000	—	$ —
Tons Mines-Ore	—	—	—	—	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	792,000	48,000	—	—	1,368,000	—	—
Land Payment	30,000	—	—	30,000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	60,000	—	—	—
Eval & Eng	20,000	20,000	20,000	15,000	10,000	10,000	—	—	—	—	—	—	—	—	—	—	—	—	—	95,000	—	—	—
Leach Pad Const				100,000	50,000	100,000	50,000	150,000	—	—	—	117,500	—	—	—	—	325,500	—	—	893,000	—	—	—
Other Capital				175,000	145,500	—	—	—	—	—	—	—	—	—	—	—	50,000	—	—	370,500	—	—	—
Royalty 5%						11,225	71,225	71,225	71,225	71,225	71,225	71,225	71,225	71,225	43,662	43,662	785,916	43,662	47,635	1,545,562	—	—	—
Mining					314,000	314,000	314,000	314,000	314,000	314,000	314,000	314,000	314,000	264,000	264,000	264,000	4,752,000	288,000	—	8,658,000	—	—	—
Preparation					175,500	175,500	175,500	175,500	175,500	175,500	175,500	175,500	175,500	88,000	88,000	88,000	1,584,000	96,000	—	3,523,500	—	—	—
Leaching						141,000	141,000	141,000	141,000	141,000	141,000	141,000	141,000	141,000	66,000	66,000	1,188,000	66,000	72,000	2,727,000	—	—	—
Stripping						47,000	47,000	47,000	47,000	47,000	47,000	47,000	47,000	47,000	22,000	22,000	396,000	22,000	24,000	909,000	—	—	—
Office & G&A				30,000	35,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	810,000	33,000	30,000	1,433,000	—	—	—
Lab					10,000	15,600	15,600	15,600	15,600	15,600	15,600	15,600	15,600	15,600	12,500	12,500	225,000	11,000	8,000	419,400	—	—	—
Exploration (Pit)	15,000	15,000	15,000	25,000	—	25,000	25,000	25,000	—	—	—	—	—	—	—	—	—	—	—	145,000	—	—	—
Total Cost-Project	65,000	35,000	35,000	375,000	740,000	884,325	884,325	984,325	809,325	809,325	809,325	926,825	809,325	671,825	541,162	541,162	10,116,416	559,662	181,635	20,778,962	—	—	—
OZ Recovered						4,070	4,070	4,070	4,070	4,070	4,070	4,070	4,070	4,070	2,495	2,495	44,910	2,495	2,722	—	—	91,747	—
Revenue @ $350/oz						1,424,500	1,424,500	1,424,500	1,424,500	1,424,500	1,424,500	1,424,500	1,424,500	1,424,500	873,250	873,250	15,718,500	873,250	952,700	—	—	—	32,111,450
Cashflow	-65,000	-35,000	-35,000	-375,000	-740,000	540,175	540,175	440,175	615,175	615,175	615,175	497,675	615,175	752,675	332,088	332,088	5,602,084	313,588	771,065	—	—	—	
Cum Cashflow	-65,000	-100,000	-135,000	-510,000	-1,250,000	-709,825	-169,650	270,525	885,700	1,500,875	2,116,050	2,613,725	3,228,900	3,981,575	4,313,663	4,645,751	10,247,835	10,561,423	11,332,488	—	—	—	—

Partners C.F. ($)

Budge	-77,000	-47,000	-47,000	-387,000	-752,000	442,943	442,943	360,943	423,723	412,167	412,167	333,442	412,167	504,292	222,499	222,499	3,753,396	210,104	516,614				7,359,899
H.D.H.	12,000	12,000	12,000	12,000	12,000	97,232	97,232	79,232	191,452	203,008	203,008	164,233	203,008	248,383	109,589	109,589	1,848,688	103,484	254,451				3,972,589
H	4,000	4,000	4,000	4,000	4,000	82,647	63,996	39,616	95,726	101,504	101,504	82,117	101,504	124,192	54,795	54,795	924,344	51,742	127,225				2,025,707
D	4,000	4,000	4,000	4,000	4,000	7,292.5	16,618	19,808	47,863	50,752	50,752	41,058	50,752	62,095.5	27,397	27,397	462,172	25,871	63,612.75				973,440.75
H	4,000	4,000	4,000	4,000	4,000	7,292.5	16,618	19,808	47,863	50,752	50,752	41,058	50,752	62,095.5	27,397	27,397	462,172	25,871	63,612.75				973,440.75

Notes—

1. Project Payback Appx. 2½ Mos From startup
2. Budge's 11 @ 82% & $1.310MM appx. 3.15 Mos From Startup
3. G.H.'s Payback @85% & $120K appx. 1½ Mos From Startup

VULTURE MINE

$400/oz

ESTIMATE OF OPERATING CASH GENERATED

MONTH	1	2	3	4	5	6	7	8	9	10
Tons Mined-Tails	--	--	--	--	50,000	50,000	50,000	50,000	50,000	50,000
Tons Mined-Ore	--	--	--	--	44,000	44,000	44,000	44,000	44,000	44,000
Land Payment	30,000	--	--	30,000	--	--	--	--	--	--
Eval & Eng	20,000	20,000	20,000	15,000	10,000	10,000	--	--	--	--
Leach Pad Const				100,000	50,000	100,000	50,000	150,000	--	--
Other Capital				175,000	145,500	--	--	--	--	--
Royalty						21,400	81,400	81,400	81,400	81,400
Mining					314,000	314,000	314,000	314,000	314,000	314,000
Preparation					175,500	175,500	175,500	175,500	175,500	175,500
Leaching						141,000	141,000	141,000	141,000	141,000
Stripping						47,000	47,000	47,000	47,000	47,000
Office & G&A				30,000	35,000	45,000	45,000	45,000	45,000	45,000
Lab					10,000	15,600	15,600	15,600	15,600	15,600
Exploration (Pit)	15,000	15,000	15,000	25,000	--	25,000	25,000	25,000	--	--
Total Cost-Project	65,000	35,000	35,000	375,000	740,000	894,500	894,500	994,500	819,500	819,500
OZ Recovered						4,070	4,070	4,070	4,070	4,070
Revenue @ $400/oz						1,628,000	1,628,000	1,628,000	1,628,000	1,628,000
Cashflow	-65,000	-35,000	-35,000	-375,000	-740,000	733,500	733,500	633,500	808,500	808,500
Cum Cashflow	-65,000	-100,000	-135,000	-510,000	-1,250,000	-516,500	217,000	850,500	1,659,000	2,467,500

MONTH	11	12	13	14	15	16	17-34	35	36	TOTALS COSTS	TOTALS TONS	TOTALS OZ RECOV	TOTALS REV & CASHFLOW
Tons Mined-Tails	50,000	50,000	50,000	--	--	--	--	--	--	$ --	450,000	--	$ --
Tons Mined-Ore	44,000	44,000	44,000	44,000	55,000	44,000	792,000	48,000	--	--	1,368,000	--	--
Land Payment	--	--	--	--	--	--	--	--	--	60,000	--	--	--
Eval & Eng	--	--	--	--	--	--	--	--	--	95,000	--	--	--
Leach Pad Const	--	117,500	--	--	--	--	325,500	--	--	893,000	--	--	--
Other Capital	--	--	--	--	--	--	50,000	--	--	370,500	--	--	--
Royalty	81,400	81,400	81,400	81,400	49,900	49,900	898,200	49,900	54,440	1,774,940			
Mining	314,000	314,000	314,000	264,000	264,000	264,000	4,752,000	288,000	--	8,658,000	--	--	--
Preparation	175,500	175,500	175,500	88,000	88,000	88,000	1,584,000	96,000	--	3,523,500	--	--	--
Leaching	141,000	141,000	141,000	141,000	66,000	66,000	1,188,000	66,000	72,000	2,727,000	--	--	--
Stripping	47,000	47,000	47,000	47,000	22,000	22,000	396,000	22,000	24,000	909,000	--	--	--
Office & G&A	45,000	45,000	45,000	45,000	45,000	45,000	810,000	33,000	30,000	1,433,000	--	--	--
Lab	15,600	15,600	15,600	15,600	12,500	12,500	225,000	11,000	8,000	419,400	--	--	--
Exploration (Pit)	--	--	--	--	--	--	--	--	--	145,000	--	--	--
Total Cost-Project	819,500	937,000	819,500	682,000	547,400	547,400	10,228,700	565,900	188,440	21,008,340	--	--	--
OZ Recovered	4,070	4,070	4,070	4,070	2,495	2,495	44,910	2,495	2,722	--	--	91,747	--
Revenue @ $400/oz	1,628,000	1,628,000	1,628,000	1,628,000	998,000	998,000	17,964,000	998,000	1,088,800	--	--	--	36,698,800
Cashflow	808,500	691,000	808,500	946,000	450,600	450,600	7,735,300	432,100	900,360	--	--	--	--
Cum Cashflow	3,276,000	3,967,000	4,775,500	5,721,500	6,172,100	6,622,700	14,358,000	14,790,100	15,690,460	--	--	--	--

Partners C.F.

Budge	-77,000	-47,000	-47,000	-387,000	-752,000	601,470	601,470	437,804	541,695	541,695	541,695	462,970	541,695	633,820	301,902	301,902	5,182,651	289,507	603,241	10,273,517
H.D.H	12,000	12,000	12,000	12,000	12,000	132,030	132,030	195,696	266,805	266,805	266,805	228,030	266,805	312,180	148,698	148,698	2,552,649	142,593	297,119	5,416,943
H.	4,000	4,000	4,000	4,000	4,000	112,225	76,398	97,848	133,402	133,402	133,402	114,015	132,402	156,090	74,349	74,349	1,276,324.5	71,296.5	148,559.5	2,754,062.5
D	4,000	4,000	4,000	4,000	4,000	9,902.5	27,816	48,924	66,701.5	66,701.5	66,701.5	57,007.5	66,701.5	78,045	37,174.5	37,174.5	638,162.25	35,648.25	74,279.75	1,330,940.25
H	4,000	4,000	4,000	4,000	4,000	9,902.5	27,816	48,924	66,701.5	66,701.5	66,701.5	57,007.5	66,701.5	78,045	37,174.5	37,174.5	638,162.25	35,648.25	74,279.75	1,330,940.25

Notes-

1. Project Payback APPX. 1.8 Mos From Startup
2. Budge's " @ 82% & $1.310 MM APPX. 2.25 Mos From Startup
3. G.H.'s " @ 85% & $120K APPX. 1.10 Mos From Startup

DAWSON
METALLURGICAL
LABORATORIES, INC.

P.O. Box 7685
5217 Major Street
Murray, Utah 84107-0685
Phone: 801-262-0922

June 29, 1987

Millsaps Mineral Service, Inc.
3865 Wasatch Blvd.
Room 2021
Salt Lake City, Utah 84109

Attn: Mr. Frank W. Millsaps

Subject: Results of Wet Screening a QPI Composite (No. 2) at 48 mesh.
Our Project No. P-1300.

Gentlemen:

A 120 pound sample of minus 1 inch QPI composite No. 2 was wet screened at 48 mesh to compare with a previous wet screening test performed on a minus 3/8 inch QPI M1: 75-80 composite. Test results are presented below:

P-1300: DMEA-Vulture Mine
Wet Screening Test Results

Sample	Weight - Percent		
	+48	-48	Total
QPI Comp. No. 2 (-1")	96.07	3.93	100.00
QPI M1: 75-80 (-3/8")	92.21	7.79	100.00

The QPI composite No. 2 was prepared from various minus one inch samples as follows:

P-1300: DMEA-Vulture Mine
QPI Composite No. 2 Description

Sample	Weight, kg
QPI M1: 43-46	0.75
QPI M1: 48-50	3.00
QPI M1: 52-54	3.00
QPI M1: 80-84	47.60
Total	54.35

These results indicate that only a minor amount of minus 48 mesh fines are contained in these crushed QPI composites.

If you have any questions or comments, please call.

Very truly yours,
DAWSON METALLURGICAL LABORATORIES, INC.

Philip Thompson

Philip Thompson,
Vice President

DAWSON
METALLURGICAL
LABORATORIES, INC.

P. O. Box 7685
5217 Major Street
Murray, Utah 84107
Phone: 801-262-0922

PROJECT NO. P-1300
DATE 6/25/87
BY L.A.
QPI Composite No. 2

TEST NO. 1 NAME DMEA
Wet Screening -1" QPI Composite No. 1 at 48 Mesh

PRODUCT	Weight	PERCENT WEIGHT	ASSAY					UNITS			DISTRIBUTION				
+48 Mesh	52,664	96.07													
-48 Mesh	2,152	3.93													
Total	54,816	100.00													

OPERATION													GRINDING PRODUCT	
TIME														
REAGENTS - LBS PER TON														
												MESH	%	%
												+10		
												+14		
												+20		
												+28		
												+35		
												+48		
												+65		
												+100		
												+150		
MACHINE												+200		
R P M												+325		
pH												-325		
% SOLIDS														
TEMPERATURE														

REMARKS: