

6102123

**THE
UNIVERSITY
OF UTAH**

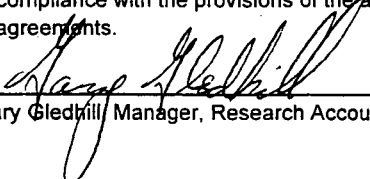
**RESEARCH
ACCOUNTING**
406 PARK BUILDING
SALT LAKE CITY, UTAH 84112
(801) 581-7343

Remit to:
University of Utah
Research Accounting
406 Park Building
Salt Lake City, Utah 84112

To insure proper credit
please indicate the University
Account No. on your remittance.

INVOICE

Sub Agr #97-03.

AGENCY ADDRESS ATTN: MANAGER/124 UNIVERSITY OF NEVADA AT RENO GRANTS & CONTRACTS OFFICE RENO NV 89557-0025	AGENCY ID NUMBER 17BP0193701		
	VOUCHER NO. 3 FINAL		
	UNIVERSITY ACCOUNT NO. 5-22048		
	DATE 5/9/97		
Description of Charges			
YUCCA MOUNTAIN METALLIC ASSESSMENT PROJECT	Current Billing 4/1/97 to 4/30/97	Prior Billings 4/30/96 to 3/31/97	Cumulative Billings 4/30/96 to 4/30/97
STATEMENT OF COSTS			
Costs Claimed:			
Salaries	1,350.06	3,982.58	5,332.64
Employee Benefits	343.32	1,013.00	1,356.32
Supplies	0.00	0.00	0.00
Publishing & Page Charges	0.00	0.00	0.00
Indirect Costs @ 49.5%	838.23	2,472.81	3,311.04
Total	\$2,531.61	\$7,468.39	10,000.00
Less: Payments Received			(3,867.45)
Amount Due			\$6,132.55
<p>I certify to the best of my knowledge that all expenditures reported or payments requested are for appropriate purposes and in compliance with the provisions of the application and award agreements.</p> <p style="text-align: center;">  Gary Gledhill, Manager, Research Accounting </p>			

Howard
FYI
Dee

UNIVERSITY OF UTAH
EGI

Energy & Geoscience Institute
423 Wakara Way
Salt Lake City, UT 84108
USA

Phone: 801-581-5126

FAX: 801-585-3540

Facsimile (FAX) Cover Page

**To: Bobbie
Res. Acctg.**

Date: May 8, 1997

Fax #: 1-5835

**From: Dee Petty - Accountant
Phone (801) 581-4259**

Number of pages including this one: 1

Message or Comments:

Per our phone conversation, please send a final invoice for the max amount to University of Nevada on acct number 5-22048. The amount will be used for Howard's salary. I'm adjusting the Pars right now for the rest of the funds. He has actually put in more time than he is getting paid for on that account, so it is well justified.



Energy & Geoscience Institute

January 22, 1997

Stephen B. Castor
University of Nevada-Reno
Nevada Bureau of Mines and Geology
Mail Stop 178
Reno, Nevada 89557-0088

Dear Steve:

Here is the second draft of the geophysics part of the report. You may find some items that need further study. I need to get back to other projects for awhile, so I will await further comments from you and Larry.

Talk to you soon.

Regards,

We keep pink copy!

UNIVERSITY OF UTAH FEDERAL EXPRESS SHIPPING FORM

No. **128672**

TO: Stephen B. Castor
Recipient Name
Company: University of Nevada-Reno
Address: Nevada Bureau of Mines & Geology
Mail Stop 178
(Do Not Ship To Post Office Boxes)
City: Reno (CNTRY) State: Nevada Zip: 89557
Telephone: (702) 784-1768

FROM: Howard Ross
Senders Name
Department: E & G I U of U.
Building: 423 Wakara Room: 300
Telephone: (801) 581-5184
U of U Account # 5-22048-3941
letter

PRESORT CARD REQUIRED

FEDERAL SERVICE INFORMATION

LETTER PACK BOX TUBE
FED X PRIORITY - (10:AM DELIVERY. NEXT DAY)
STANDARD OVERNIGHT (3:00PM DELIVERY. NEXT DAY)
 ECONOMY (2ND BUSINESS DAY DELIVERY)
DRY ICE: _____ LBS.

BY USING THIS FORM YOU ARE CERTIFYING THAT NO HAZARDOUS OR OTHERWISE REGULATED MATERIALS ARE BEING SHIPPED. HAZARDOUS OR OTHERWISE REGULATED MATERIALS MUST BE SHIPPED UTILIZING OTHER AIRBILLS AND MUST BE PICKED UP DIRECTLY BY FEDERAL EXPRESS

FEDERAL EXPRESS SPECIAL SERVICES

____ HOLD FOR PICK UP _____ SATURDAY DELIVERY
____ DECLARED VALUE IF OVER \$100 _____
____ BILL RECIPIENT FED X ACCT # _____
____ BILL 3RD PARTY FED X ACCT # _____

CONTENTS (FOR INTERNATIONAL PACKAGES ONLY)

Manuscript

Acct No. 5-220480

University and Community College System of Nevada
 Business Center North, Purchasing Department
 Reno, Nevada 89557-0064
 Office: (702) 784-6552 Fax: (702) 784-6017

Purchase Order No.:
 17BPO193701
 This order number must appear on all packages,
 invoices, shipping papers, and correspondence.

SHIP TO:
 UNIVERSITY OF NEVADA, RENO
 GRANTS AND CONTRACTS
 ROSS HALL / MS 124
 ROOM 106A
 RENO NV 89557

Date: 11-13-96 Page: 01
 Confirming Purchase Order: NO
 Required Delivery Date: - -

VENDOR: 876000525AB
 UNIVERSITY OF UTAH
 OFFICE OF SPONSORED PROJECTS
 1471 FEDERAL WAY
 SALT LAKE CITY UT 84102

Payment Terms: NET 30 DAYS
 FOB Terms:
 Price Agreement No.:

MAIL ORIGINAL AND DUPLICATE INVOICE TO:
 UNIVERSITY OF NEVADA, RENO
 CONTROLLER'S OFFICE
 ROSS HALL / MS 124
 RENO NV 89557-0025

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL PRICE
		SUBAGREEMENT #97-03 WITH THE UNIVERSITY OF UTAH THROUGH THE DEPARTMENT OF ENERGY AND TRW FOR THE PROJECT ENTITLED "ASSESSMENT OF METALLIC RESOURCES IN THE CONTROLLED AREA". PERIOD OF PERFORMANCE IS APRIL 30, 1996 THROUGH JUNE 30, 1997. COST SHARE REQUIRED IS \$00.00.		

LN.	FUND	AREA	ORGN	OBIT-SUB	JOB NUMBER	EXPENDITURE
01	1342	114	10BB	41 00		10,000.00

TOTAL ORDER AMOUNT \$10,000.00

Requisition Number: RQ 10409006250

Rose Bergman
 Buyer's Signature

For additional information contact: ROSE BERGMAN (702) 784-6552

Grants and Contracts
Manager's Office/124

UNIVERSITY
OF NEVADA
RENO

Controller's Office
Reno, Nevada 89557-0025
(702) 784-4312
FAX: (702) 784-6680

PI

October 29, 1996

Mr. Robert Glass
Director,
Office of Sponsored Projects
University of Utah
1471 Federal Way
Salt Lake City, UT 84102

*96 10 26th
Row*

Ref: Subagreement 97-03
UNR # 1342-114-10BB

Dear Bob:

Enclosed is the subagreement for your referenced project.

Please refer to it, the account number and the purchase order number when invoicing.

If you have any questions please call me.

Sincerely,

Jerry
Jerald W. Best,
Manager

encl

c: S. Castor
Purchasing
File

wp/ltrcvr2

Bo

wp\unrsb
CONT-GC-02
(Rev 12/91)

SUBAGREEMENT

No: 97-03

This Agreement, made and entered into the 15th of August 1996 by and between The Board of Regents, University and Community College System of Nevada, on behalf of the University of Nevada Reno, Nevada 89557 (hereafter called the UNIVERSITY) and The University of Utah, Salt Lake City, Utah 84102 (hereafter called the CONTRACTOR) and constituting a subagreement under a sponsored award to the UNIVERSITY by the GRANTOR - TRW Environmental Safety Systems Inc. The prime contractor is the Department of Energy. The project is titled - Assessment of Metallic Resources in the Controlled Area. The PI is Steve Castor. The UNIVERSITY has determined that the CONTRACTOR, is capable of providing assistance to the project under the terms and conditions hereafter set forth and the CONTRACTOR has agreed to provide such assistance.

Now, THEREFORE, the UNIVERSITY and the CONTRACTOR, each in consideration of the covenants herein set forth, agree as follows:

1. The purpose of this agreement is to provide for the undertaking of the activities described in the attachments and to state the terms, conditions, and mutual understandings as to the manner in which these activities, hereafter referred to as "project" will be undertaken and completed.
2. The CONTRACTOR shall develop and complete the project as described, which is attached hereto and by reference incorporated into and made a part of this agreement.
3. The period of performance for this agreement is April 30, 1996 through ~~September 30, 1996~~ 6-30-97. This agreement may be extended by written mutual agreement between both parties.



4. A. The estimated cost for developing and successful completion of the project is \$10,000.
- B. The awarded amount is \$10,000.
- C. The required cost-shared amount is \$0.

The CONTRACTOR is not authorized to incur costs in excess of the limit in B, nor is the UNIVERSITY obligated to pay costs above this limit, unless this clause is modified.

5. This agreement may be terminated by either party upon thirty (30) days written notice. Upon receipt by the CONTRACTOR of notice of termination, the CONTRACTOR shall not be obligated to perform further work hereunder. Within 60 days of the CONTRACTOR submitting a statement of all unpaid cost and non-cancellable obligations to the date of termination, the university will pay to the CONTRACTOR such amounts. Further, any additional costs incurred after termination which are authorized by the UNIVERSITY in writing shall be paid by the UNIVERSITY to the CONTRACTOR within 60 days of completion and billing by the CONTRACTOR. Under no circumstances will the sum of these costs exceed the estimated cost as provided for in clause 4.
6. This shall be a cost-reimbursement type agreement.
7. The CONTRACTOR agrees that there shall be no transfers, assignment or participation granted to a third party to this agreement or any part hereof without prior notification and written approval from the UNIVERSITY.
8. The CONTRACTOR shall not purchase and charge to this agreement any non-consumable property not listed in the attached budget, without the prior written consent of the UNIVERSITY. Upon termination of the project, CONTRACTOR will request a disposition of equipment, if required. Minor rebudgeting is allowed.
9. The parties agree that the CONTRACTOR is an independent contractor. The CONTRACTOR shall pay all current and applicable city, county, state and federal taxes, licenses and assessments due on its work per this agreement, including, without thereby limiting the foregoing, those required by Federal Insurance Contribution Act and the State Unemployment Tax Acts.
10. The CONTRACTOR is not authorized to amend or alter this agreement. All changes shall be consummated by formal written amendment mutually agreed to by the parties.

11. All publications, patents and inventions developed pursuant to this agreement will be in accordance with the policies of the GRANTOR and/or 37 CFR 401.
12. Send invoices in duplicate to:

University of Nevada at Reno
Grants & Contracts Office
Attn: Manager/124
Reno, NV 89557-0025
13. All requests for payment must be received by the UNIVERSITY on or before ~~October 31, 1996~~⁷⁻³¹⁻⁹⁷. Late requests will be reviewed to determine if payment is allowed.
14. The CONTRACTOR shall maintain such records and accounts to assure a proper accounting for all project funds. These records will be made available to the UNIVERSITY or to their authorized representative for audit purposes, and be retained by the CONTRACTOR for at least three (3) years after the expiration of this agreement and all other pending matters surrounding this agreement are closed.
15. The CONTRACTOR shall collect and will make available to the UNIVERSITY, during normal business hours, as it may require, such financial statements, data records, contracts and any other documents related to the project as may be deemed necessary by the UNIVERSITY, including, but not limited to, meetings, interim and final reports.
16. The CONTRACTOR shall advise the UNIVERSITY regarding the progress of the project and at such other times and in such other manner as the UNIVERSITY may require, including but not limited to, meetings, interim reports, and final reports.
17. All applicable provisions contained in the prime sponsored award (attached) shall be binding upon the CONTRACTOR and the CONTRACTOR agrees to comply with these terms.
18. CONTRACTOR agrees and understands that this agreement is subject to immediate termination in the event the GRANTOR terminates the prime contract. All termination notices will be in writing.



19. The following clause applies only to subagreements of Federal funds in excess of \$25,000 per fiscal year to nonprofit institutions as defined in OMB A-133.

20.
 1. The CONTRACTOR shall have conducted an annual audit of its financial records pertaining to this agreement. The audit shall conform to the requirements of OMB Circular A-128, or A-133 as appropriate and the generally accepted auditing standards as included in statements on Auditing Standards issued by the AICPA. The CONTRACTOR may elect to follow the single audit provisions of OMB Circular A-133 if appropriate.

 2. The CONTRACTOR shall submit to the UNIVERSITY within 30 days of the effective date of this agreement a copy of its most recent audit report performed under A-128 or A-133, as applicable. Please send one copy of your latest Indirect Cost Rate Agreement.

 3. To insure that appropriate corrective action is taken in instances of noncompliance with Federal laws and regulations, the CONTRACTOR shall submit to the UNIVERSITY within six (6) months the report of action necessary to be in compliance.

 4. The CONTRACTOR shall permit the UNIVERSITY or its representative to have access to the financial records and statements for a period of three years after the completion of the audit report.

21. The CONTRACTOR certifies that it is in compliance with 15 CFR Part 26, "Governmentwide Debarment and Suspension" and "Governmentwide Requirements for Drug-Free Workplace" and 15 CFR Part 28, "New Restrictions on Lobbying".

22. Program Income will be handled according to agency requirements.

Special Information:

CFDA # 81.065F
UOU PI: Howard P. Ross

IN WITNESS WHEREOF, the parties do hereby execute this agreement on the date signed.

UNIVERSITY:

BOARD OF REGENTS, UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF NEVADA ON BEHALF OF THE UNIVERSITY OF NEVADA, RENO

BY: Mary B. Huseman

TITLE: Director, OSPA

DATE: 10/28/96

CONTRACTOR:

University of Utah

BY: 

TITLE: ROBERT A. GLASS, DIRECTOR
Office of Sponsored Projects

DATE: 10-21-96

FED TAX ID NO. 876000525

1. Estimated Labor Costs:

Personnel	Average Hourly Rate	Estimated number of hours	Basis of Cost	Estimated Total Cost
Four senior scientists, two junior scientists	\$39.71	1,936	Annual Salary	\$76,871.00
Technician, QA Officer, administrative aide	\$20.60	1,416	Annual Salary	\$29,173.00
Geophysical consulting	\$62.50	160	Hourly Rate	\$10,000.00

Total labor costs not-to-exceed: \$116,044.00

2. Estimated Travel Costs:

Amount	Description	Cost	Total
1 lot	Air travel, vehicle, mileage, per-diem		\$8,000.00

Total travel costs not-to-exceed: \$8,000.00

3. Estimated ODC:

	Description	Cost	Total
1 lot	Miscellaneous material and supplies		\$66,500.00

Total other direct costs not-to-exceed: \$66,500.00

4. Estimated IDC Rate:

	Description	Cost	Total
1 lot	Indirect Costs @ 44.3%		\$84,412

Total indirect costs not-to-exceed: \$84,412

Total task order costs not-to-exceed: \$274,956.00

Prepared by: John McGoldrick Date: July 15, 1996

Phone: (702) 295-5343

Approved By:

Max R. Luscombe
 Seller's Authorized Representative

7/24/96
 Date

[Signature]
 TRW Subcontract Administrator

7/30/96
 Date

Statement of Work, Geophysical Consultant, NBMG Yucca Mountain Metallic Mineral Assessment Project

The geophysical consultant shall review geophysical and geologic literature relating to metallic mineral potential in the Yucca Mountain controlled area and the surrounding region. This literature shall include, but not necessarily be restricted to, publications and reports on magnetic, gravity, induced polarization, seismic, and magnetotelluric studies.

Following this review, the geophysical consultant shall prepare a report for inclusion in the NBMG metallic mineral assessment of the Yucca Mountain controlled area. The report shall include information on the types of geophysical data available, their applicability (if any) to metallic mineral assessment, and indications of metallic mineral resources (if any) that they support. The report shall also discuss geophysical data that pertain to the presence or absence of intrusive igneous rocks, caldera structures, and mineralization and alteration along structural features such as faults.

The geophysical consultant shall be a co-author of the NBMG report on the metallic mineral assessment of the Yucca Mountain controlled area. The principal investigators of the NBMG project shall have the right to utilize information in the report prepared by the geophysics consultant either as a separate section in the assessment or by integrating it with other information.

The deliverable date for the report from the geophysical consultant shall be February 20, 1997, so that the NBMG report on the metallic mineral assessment of the Yucca Mountain controlled area may be delivered by March 20, 1997.

Total compensation for the work by the geophysical consultant on this project shall be \$10,000, which shall include salary, fringe benefits, supplies, and overhead costs. NBMG will pay for any needed travel costs.



Earth Sciences and Resources Institute
August 14, 1996

Stephen B. Castor
Nevada Bureau of Mines and Geology
University of Nevada-Reno
Mail Stop 178
Reno, Nevada 89557-0088

Post-it* Fax Note	7671	Date	8/14/90	# of pages	4
To	Stephen Castor	From	Howard Ross		
Co./Dept	UNR-NBMG	Co.	UU-ESRI		
Phone #	(702) 784-6691	Phone #	(801) 581-5184		
Fax #	(702) 784-1709	Fax #	(801) 585-3540		

Dear Steve:

Here is the Draft Proposed Budget for the Geophysical Consulting Services for the Yucca Mountain Area Mineral Evaluation. Wilford Forsberg, ESRI Administrative Manager, has received preliminary approval for a Purchase Order or Subcontract without built in travel costs, but this is in review for various liability and insurance considerations. Please review the budget and have your Contracts office correspond directly with Wil Forsberg at (801) 581-3929 regarding finalization of this work agreement. Our FAX number here at ESRI is (801) 585-3540. Our Executive Secretary, Stacey Haggin, and main office telephone number is (801) 585-5711.

I have reviewed your proposed Statement of Work and find it is in agreement with my understanding of the project. The wording and the report delivery date of February 20, 1997 are acceptable. Good job! I will start to identify which reports and publications are currently available to me here at the University of Utah and discuss this with you later.

In considering possible travel related to this project, it appears that a trip to Las Vegas may be required for QA/QC training. In addition it may be necessary to visit you at NBMG to review data and publications and to discuss the project in more detail, or for discussions as I begin to finalize my part of the report. As you know, air fares are in a state of considerable flux, so it is hard to estimate the cost of future travel. Enclosed are some thoughts on the cost of one day (plus overnight) trips based on my inquiries of August 13.

I hope that this information will help you proceed with the contract arrangements. Please let me know if you need additional information. Or have Contracts people talk with Wil Forsberg. I look forward to working with you on this project.

Sincerely,

Howard P. Ross
Research Professor/Senior Geophysicist

encl.

BUDGET ESTIMATE

PURCHASE ORDER/SUBCONTRACT

TO

UNIVERSITY OF NEVADA - RENO

FOR

**EVALUATION OF MINERAL POTENTIAL
AT THE YUCCA MOUNTAIN AREA
NYE COUNTY, NEVADA
(Geophysical Studies Portion)**

**Technical Services of Dr. Howard P. Ross
Research Professor/Senior Geophysicist**

August 1996

PROPOSED PROJECT BUDGET

	HOURS		AMOUNT
	-----		-----
A. SALARIES AND WAGES:			
1. Salaries -			\$4,576
Professional			
H. P. Ross	136	\$4,576	
2. Salaries -			
Support			299
Draftsperson	16	216	
Clerical	8	83	
Total Salaries & Wages	160		4,876
B. Employee Benefits:			
1. .33 of Total Salaries & Wages			1,609
C. Travel:			
1. Paid by Sponsor			0
D. Supplies:			
1. Office Supplies			125
E. Reproductions:			
1. Report Preparation			80
F. Total A thru E:			6,690
G. Indirect Costs:			
1. .495 of F			3,310
H. Total Project Costs:			\$10,000

Note: (pending University of Utah approval)

This budget assumes all travel costs for authorized travel will be reimbursed to the traveler by the Sponsor, University of Nevada - Reno. Travel costs will include air fare and/or automobile mileage, per diem, motel/hotel charges, ect.

University and Community College System of Nevada
 Business Center North, Purchasing Department
 Reno, Nevada 89557-0064
 Office: (702) 784-6552 Fax: (702) 784-6017

Purchase Order No.:

17BPO193701

This order number must appear on all packages,
 invoices, shipping papers, and correspondence.

SHIP TO:
 UNIVERSITY OF NEVADA, RENO
 GRANTS AND CONTRACTS
 ROSS HALL / MS 124
 ROOM 106A
 RENO NV 89557

Date: 11-13-96 Page: 01
 Confirming Purchase Order: NO
 Required Delivery Date: - -

Payment Terms: NET 30 DAYS
 FOB Terms:
 Price Agreement No.:

VENDOR: 876000525AB
 UNIVERSITY OF UTAH
 OFFICE OF SPONSORED PROJECTS
 1471 FEDERAL WAY
 SALT LAKE CITY UT 84102

MAIL ORIGINAL AND DUPLICATE INVOICE TO:
 UNIVERSITY OF NEVADA, RENO
 CONTROLLER'S OFFICE
 ROSS HALL / MS 124
 RENO NV 89557-0025

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL PRICE
		SUBAGREEMENT #97-03 WITH THE UNIVERSITY OF UTAH THROUGH THE DEPARTMENT OF ENERGY AND TRW FOR THE PROJECT ENTITLED "ASSESSMENT OF METALLIC RESOURCES IN THE CONTROLLED AREA". PERIOD OF PERFORMANCE IS APRIL 30, 1996 THROUGH JUNE 30, 1997. COST SHARE REQUIRED IS \$00.00.		

LN	FUND	AREA	ORGN	OBJ-SUB	JOB NUMBER	EXPENDITURE
01	1342	114	10BB	41 00		10,000.00

TOTAL ORDER AMOUNT \$10,000.00

Requisition Number: RQ 10409006250

Rose Bergman
 Buyer's Signature

For additional information contact: ROSE BERGMAN (702) 784-6552



Energy & Geoscience Institute

February 12, 1997

Stephen B. Castor
University of Nevada-Reno
Nevada Bureau of Mines and Geology
Mail Stop 178
Reno, Nevada 89557-0088

Dear Steve:

Here are the interim "originals" and one copy of each for Figures 1 and 2 of the geophysics section, as we just discussed on the phone. I hope that these will do for this first draft stage. Talk to you soon.

Regards,

Howard Ross
Research Professor/Senior Geophysicist

encl.

Energy & Geoscience Institute



January 3, 1997

Steve Castor
Nevada Bureau of Mines and Geology
Mail Stop 178
University of Nevada-Reno
Reno, NV 89557-0088

Dear Steve:

Enclosed is a DRAFT of my text on the Geophysical Studies at Yucca Mountain. It certainly needs more work, but I've finished reviewing reports, maps, and data and it is time for you and Larry to look this over and give me your critical review of the work to date. I'm working on a reference list which I will include if there is time before our FedEx pickup today. I'm enclosing some very rough illustrations so you have some idea of what I am thinking about for figures.

Please give this a solid review and then let us talk about what else is needed, if and when we should get together, etc. I hope that you don't float away in the meantime. I did receive my reimbursement check from the University of Nevada on December 30. Thanks for your help.

Best Regards,

Howard P. Ross
Research Professor/Senior Geophysicist

encl.

MARCH 1997

Run April 9, '97

002265080*****

ROSS, HOWARD P
40835-ENERGY&GEOSCIEN(EGI)
423 WAKARA WAY
MAIL CODE:

***** I M P O R T A N T N O T I C E *****

REVIEW & INITIAL each accounting statement.

It is the responsibility of each account executive to review his/her monthly accounting statements. Your review (or that of your designee) should be documented by initialing the first page of each account. If there are transactions that have been posted to your account in error, please contact the accountant whose name is listed at the bottom of your statement to make the necessary correction(s).

It is important that the statements are reviewed promptly upon receipt and retained in the department. Do not return initialed statements to the accounting department.

ACCOUNT NUMBER: O-22048 (PAGE 1)

SUMMARY OF GENERAL LEDGER TRANSACTIONS FOR MAR. 1997

PROGRAM: AM091

ROSS, HOWARD P
ENERGY&GEOSCIEN(EGI)
300 WAKARA

YUCCA MOUNTAIN METALLIC ASSESSMENT
PROJECT

RUN DATE 04/04/97

<u>DATE</u>	<u>EC</u>	<u>FIRST REFERENCE</u>	<u>SECOND REFERENCE</u>	<u>ACCT CNTL</u>	<u>DESCRIPTION</u>	<u>PREVIOUS BALANCE</u>	<u>CURRENT MONTH CHANGES</u>	<u>CURRENT BALANCE</u>
				1100	CLAIM ON CASH	3,866.79	7,467.73-	3,600.94-
				3200	FUND BALANCE	3,866.79-	7,467.73	3,600.94
				4000	DIRECT COST RECOVERED	3,867.45-	.00	3,867.45-

IF YOU HAVE QUESTIONS, PLEASE CALL EXTENSION 581-3871 AND ASK FOR ROBERTA HARRIS

MARCH 1977

Run April 4

UNIVERSITY OF UTAH

REPORT PAGE 10179

ACCOUNT NUMBER: 5-22048 (PAGE 1)

ACCOUNT SUMMARY FOR MAR. 1997

PROGRAM: AM090

ROSS, HOWARD P
ENERGY&GEOSCIEN(EGI)
300 WAKARA

YUCCA MOUNTAIN METALLIC ASSESSMENT
PROJECT

RUN DATE 04/04/97

MAP CODE: 0-22048

BEGIN DATE END DATE

FUNDING AGENCY: UNIVERSITIES
SPONSOR ID NO. 9703
LETR OF CR NO. NONE

04/30/96 THRU 06/30/97

INDIRECT COST RATE: 49.50% OF MTDC
BENEFIT ENCUMBRANCE RATE: 33.4%

SUB-CODE	DESCRIPTION	ORIGINAL BUDGET	REVISED BUDGET	CURRENT MONTH EXPENDITURES	PROJECT TO DATE EXPENDITURES	OPEN COMMITMENTS	BALANCE AVAILABLE
2100	FACULTY SALARIES	4,576.00	4,576.00	.00	.00	.00	4,576.00
2200	SALARY TECHNICAL	216.00	216.00	3,982.58	3,982.58	.00	3,766.58
2250	CLERICAL/ADMIN. OTHER SALARIES	83.00	83.00	.00	.00	.00	83.00
2900	EMPLOYEE BENEFITS	1,609.00	1,609.00	1,012.56	1,013.00	.00	596.00
TOTAL PERSONAL SERVICES		6,484.00	6,484.00	4,995.14	4,995.58	.00	1,488.42
3500	LAB AND TECHNICAL SUPPLIES	125.00	125.00	.00	.00	.00	125.00
3890	PUBLISHING AND PAGE CHARGES	80.00	80.00	.00	.00	.00	80.00
TOTAL NONPERSONAL SERVICES		205.00	205.00	.00	.00	.00	205.00
TOTAL DIRECT COSTS		6,689.00	6,689.00	4,995.14	4,995.58	.00	1,693.42
9900	INDIRECT COSTS	3,311.00	3,311.00	2,472.59	2,472.81	.00	838.19
TOTAL EXPENDITURES		10,000.00	10,000.00	7,467.73	7,468.39	.00	2,531.61

IF YOU HAVE QUESTIONS, PLEASE CALL EXTENSION 581-3871 AND ASK FOR ROBERTA HARRIS

ACCOUNT NUMBER: 5-22048 (PAGE 1)

DETAIL TRANSACTIONS FOR MAR. 1997

PROGRAM: AM091

ROSS, HOWARD P
ENERGY & GEOSCIEN (EGI)
300 WAKARAYUCCA MOUNTAIN METALLIC ASSESSMENT
PROJECT

RUN DATE 04/04/97

MAP CODE: 0-22048

DATE	EC	FIRST REFERENCE	SECOND REFERENCE	SUB-CODE	DESCRIPTION	CURRENT MONTH BUDGET CHANGES	CURRENT MONTH EXPENDITURES	CHANGES TO COMMITMENTS
03/21	41	1	JE00000001	2200	SALARY TECHNICAL P/R EARN & BENFT		3,982.58	.00
					* TOTAL	.00	3,982.58	.00
03/21	41	1	JE00000001	2900	EMPLOYEE BENEFITS P/R EARN & BENFT		1,012.56	.00
					* TOTAL	.00	1,012.56	.00
03/26	47	CJE0000002		9900	INDIRECT COSTS 49.50 % OF MTDC		2,472.59	.00
					* TOTAL	.00	2,472.59	.00
		*** ACCOUNT TOTAL **				.00	7,467.73	.00