OFFICE OF MINERALS EXPLORATION
U. S. GEOLOGICAL SURVEY

TO: Chief, Branch of ~~Budget and Finance~~ Financial Management
U. S. Geological Survey
Department of the Interior
Washington, D. C. 20242

FROM: Field Officer, Region II, OME
U. S. Geological Survey
345 Middlefield Road
Menlo Park, California 94025

ABSTRACT OF REMITTANCES

Date	Amount	Bank, City and State	Name of Remitter	Docket & Contract Numbers	Purpose
6/1/73	$3,816.84	Nevada National Bank, Elko, Nevada	Cortez Gold Mines	OME-6436 Cn. 2203	Royalty payment

OFFICIAL COPY
O. M. E.
RECEIVED
JUN 7 1973

INITIALS	CODE
Cal	120
HK	

REMARKS: Final royalty: Lots 172A-B, 172C-D, 172E-G, 173A-C; 5% of $76,336.85.

June 4, 1973
Date Prepared

Roscoe M. Smith RMS
Person Preparing Abstract

6/6/73
Date Received

Person Receiving Remittance

CORTEZ GOLD MINES

TELEPHONE
WINNEMUCCA, NEVADA
CORTEZ 1 OR 2

CORTEZ, NEVADA 89821

June 1, 1973

Mr. H. K. Stager
United States Dept. of Interior
Office of Mineral Exploration
345 Middlefield Road
Menlo Park, California 94025

Dear Mr. Stager:

We quit milling the "Old Cortez" tailings on April 15, 1973. Sixteen thousand nine hundred eighty-five (16,985) tons of tailings were milled during the month. Since the press was not cleaned until after we had milled Gold Acres ore for over a week, I am using our daily production ounces for Lot 173. The ounces are probably high, as our slags were exceptionally high in silver but not economically profitable to remelt.

Our enclosed check of $3,816.84 represents the final royalty due on the silver tailings.

	Shipping Date	Ag Ozs. Paid For	Price Oz.	Gross Amount	Treatment	Net Return
Lot 172 A-B	4/ 3/73	8196.99	2.1514	$17,635.00	$ 460.84	$17,174.16
Lot 172 C-D	4/ 9/73	8353.38	2.1842	18,245.45	466.00	17,779.45
Lot 172 E-G	4/12/73	9721.84	2.3358	22,708.27	543.82	22,164.45
Partial Lot 173 A-C	4/24/73	8062.89	2.439	19,665.39	446.60	19,218.79
				$78,254.11	$1917.26	$76,336.85

5% of $76,336.85 = $3,816.84

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JUN - 4 1973
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

Very truly yours,

CORTEZ GOLD MINES

W. W. Richardson

W. W. Richardson
Chief Accountant

WWR/br
cc: J.Bush

OFFICE OF MINERALS EXPLORATION
U. S. GEOLOGICAL SURVEY

TO: Chief, Branch of ~~Budget and Finance~~ Financial Management
U. S. Geological Survey
Department of the Interior
Washington, D. C. 20242

FROM: Field Officer, Region II, OME
U. S. Geological Survey
345 Middlefield Road
Menlo Park, California 94025

HK 123
Cal 120 m

ABSTRACT OF REMITTANCES

Date	Amount	Bank, City and State	Name of Remitter	Docket & Contract Numbers	Purpose
4/28/73	$3,231.16	Nevada National Bank of Commerce, Carlin, Nevada	Cortez Gold Mines	OME-6436 Cn. 2203	Royalty payment

REMARKS: OME royalty on Lots Nos. 170A&B, 171A&B, and 171C-G; 5% of $64,623.13.

May 2, 1973
Date Prepared

5/4/73
Date Received

Field Officer, Region II
Person Preparing Abstract

Person Receiving Remittance

CORTEZ GOLD MINES

TELEPHONE
WINNEMUCCA, NEVADA
CORTEZ 1 OR 2

CORTEZ, NEVADA 89821

April 27, 1973

Mr. H. K. Stager
United States Dept. of Interior
Office of Mineral Exploration
345 Middlefield Road
Menlo Park, California 94025

OMR-6436
CN - 2203

Dear Mr. Stager:

During March 1973 Cortez milled 31,981 tons of the "Old Cortez" tailings. Settlements have now been received on a portion of the bullion shipped to Engelhard Industries and I am enclosing a check to cover the 5% royalty on the settlements to date.

Settlements have been received as follows:

	Shipping Date	Ag ozs. Paid For	Price oz.	Gross Amount	Treatment	Net Return
Lot 170A	3/ 5/73	1954.34	2.284	$ 4,463.71	*	$ 4,463.71
Lot 170B	3/ 5/73	1834.95	2.284	4,191.03	*	4,191.03
Lot 171A	3/15/73	4180.21	2.2454	9,386.24	245.12	9,141.12
Lot 171B	3/15/73	3690.74	2.2454	8,287.19	209.79	8,077.40
Lot 171C-G	3/26-3/27/73	18415.12	2.16025	39,781.46	1031.59	38,749.87
				$66,109.63	$1486.50	$64,623.13

5% of $64,623.13 = $ 3,231.16

*Lot 170 was predominately gold from Cortez ore and treatment charge was applied against the gold only.

Very truly yours,

CORTEZ GOLD MINES

W. W. Richardson

W. W. Richardson
Chief Accountant

WWR/bn
Enc.

RECEIVED
MAY - 1 1973
OFFICE OF MINERAL RESOURCES
U.S. GEOLOGICAL SURVEY

United States Department of the Interior

GEOLOGICAL SURVEY
Office of Minerals Exploration
345 Middlefield Road
Menlo Park, California 94025

April 10, 1973

Memorandum

To: Chief, Office of Minerals Exploration
Washington, D. C.

From: Field Officer
Region II

Subject: OME-6436 (Silver)
Cortez Joint Venture
Cortez Mine and Rossi Property
Eureka and Lander Counties, Nevada
Contract 2203

APR 12 1973
Cal 120 m
HK ~~120~~

Annual Inspection

While in Lander County on other OME business, an annual inspection of the subject property was made on April 4, 1973.

Starting about February 19, 1973, the Cortez Gold Mine began the processing of the old Cortez Silver Mine mill tailings, as an interim operation to keep their mill in operation pending the start of gold ore mining at the Gold Acres Mine across the valley. During February a total of 15,272 tons of tailings was milled and about 18,000 ounces of silver was recovered and shipped to Engelhard Industries. Settlement on the first lot of 4,200 ounces is due about April 10 at which time the Operator will supply a settlement record and pay OME the 5% royalty due. During March a total of 31,981 dry tons of tailings was milled, but the total silver recovery had not been determined at the time of the inspection.

Because of frequent storms and muddy roads the trucking contractor was not able to haul enough tailings to keep the mill running at its 2,000 tons-per-day capacity and it was necessary to shut down the milling operation for one week during March and the first week in April. The tailings are picked up by front-end loaders and placed in 50- to 75-ton-capacity trucks for the 5- or 6-mile haul to the mill.

The Operator plans to stop the hauling and milling of the tailings about mid-April when the processing of ore from the new open-pit mine at Gold Acres will start.

It is estimated that a total of 50,000 to 60,000 tons of tailings will have been milled by the end of this operation in mid-April. About 60,000 ounces of silver will probably be recovered and will result in royalty payments to OME of $5,000 to $6,000.

H. K. Stager

CORTEZ GOLD MINES

TELEPHONE
WINNEMUCCA, NEVADA
CORTEZ 1 OR 2

CORTEZ, NEVADA 89821

March 20, 1973

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MAR 26 1973
INITIALS | CODE
HK | 120

Mr. H. K. Stager
Field Officer
Office of Minerals Exploration
345 Middlefield Road
Menlo Park, California 94025

RE: OME 6436 (Silver)
Cortez Joint Venture

Contract 2203

Dear Mr. Stager:

Your letter to Mr. J. B. Bush at our American Exploration & Mining Company office in San Francisco has been referred to me for reply.

During February 1973 we milled 15,272 tons of the Cortez mill tailings and recovered approximately 18,000 ounces of silver. A portion of this production was shipped to Engelhard Industries on March 5, 1973. However, settlement is not due on this lot until early in April 1973. As soon as settlement is received we will forward our check for 5% of the silver paid for.

If you have monthly reporting forms for this purpose please forward a few copies at your convenience.

Very truly yours,

CORTEZ GOLD MINES

W. W. Richardson

W. W. Richardson
Chief Accountant

WWR/pm

cc: J. B. Bush
W. C. Edic

RECEIVED
MAR 2 2 1973
OFFICE OF MINERALS EXPLORATION

Office of Minerals Exploration
345 Middlefield Road
Menlo Park, California 94025

March 14, 1973

Mr. J. B. Bush
American Exploration & Mining Co.
Suite 2500, One California Building
San Francisco, California 94111

Re: OME-6436 (Silver)
Cortez Joint Venture
Cortez Mine
Eureka and Lander Counties, Nevada
Contract 2203

Dear Mr. Bush:

This letter will confirm the request I made during our telephone conversation on March 9, 1973, that the Office of Minerals Exploration be furnished a monthly record of production from the old Cortez mill tailings, or any other production from the claims included in the subject contract, together with a 5% royalty on the metals sold.

As I pointed out to you during our conversation, all production from the land described in the contract is subject to royalty from June 29, 1965, to June 29, 1977, or until the sum of $118,863.22 is fully repaid with interest at the rate of 6¼ percent per annum, whichever occurs first.

Sincerely yours,

H. K. Stager
Field Officer
OME, Region II

cc: OME, Wash., D.C.
DRF
ACG RF
MP RF
Docket

HKStager:mkh

SEP 12 1972

United States Department of the Interior

GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

IN REPLY REFER TO: Office of Minerals Exploration

SEP 8 1972

Mr. Hugh J. Matheson
Vice President - Exploration
American Exploration & Mining Co.
Suite 2500, One California 94111

Re: OME-6436 (Silver)
Cortez Joint Venture
Cortez Mine
Eureka and Lander Counties, Nevada
Contract 2203

Dear Mr. Matheson:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

Copy sent to R-II

SECRETARY
COPY
O. H. R.
RECEIVED
SEP 18 1972

INITIALS	CODE
gla	30
HK	~~70~~
	220

Form MME 63
(May 1970)

REQUEST FOR INFORMATION ON CERTIFIED PROJECT
OR PROJECT UNDER ROYALTY AGREEMENT

1. Since July 7, 1971 has there been a change in ownership, lease, or sublease? *If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before.* Yes ☐ No ☒

2. Since July 7, 1971, has there been any production from the land subject to the contract? Yes ☐ No ☒

A. If so and it was shipped, give quantity, value, and name and address of purchaser.

Purchaser *(name and address)*	Quantity	Value

B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity *(tons)*	Estimated Grade	Location
Ore			
Concentrates			
Other			

3. Since July 7, 1971 workings *(see* Art. 16 (Annex I) *of contract)*, has any production been transported through OME Yes ☐ No ☒

If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by: William C. Edic

Name AMERICAN EXPLORATION & MINING CO.	*Title* Secretary-Treasurer William C. Edic
Address Suite 2500, One California Building, San Francisco, California 94111	*Date* September 12, 1972

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY
Office of Minerals Exploration
345 Middlefield Road
Menlo Park, California 94025

July 19, 1971

OFFICIAL COPY
U. S. G. S.
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JUL 22 1971

INITIALS	CODE
Cac	20
glc	20
HK	20

Memorandum

To: Chief, Office of Minerals Exploration
Washington, D. C.

From: Field Officer
Region II

Subject: OME-6436 (Silver)
Cortez Joint Venture
Cortez Mine and Rossi Property
Eureka and Lander Counties, Nevada
Contract 2203

Annual Inspection

While in the vicinity of the Cortez Mine on other USGS business, an annual inspection of the subject property was made on July 14, 1971.

A Certification of Possible Production was issued on May 18, 1967, and the Government's lien to insure payment of royalties expires on June 29, 1977. Since completion of the contract work, on August 31, 1966, there has been no active mining on the property except for a small amount of assessment work each year. There has been no production and no ore has been sold or processed from the area subject to OME royalty.

Officials of the company state that they do not intend to mine any of the silver ore found by the OME work unless the price of silver increases to about $3.00 per ounce. If the price of silver does increase, modifications will be made to the ore treatment circuit at their nearby gold mill to enable the processing of silver ores from the OME project area and other properties in the district.

H. K. Stager

AMERICAN EXPLORATION & MINING CO.

CABLE ADDRESS: "DRAGA"
TELEPHONE EXBROOK 2-4992

23RD FLOOR RUSS BUILDING
SAN FRANCISCO, CALIF. 94104

February 6, 1967

OFFICIAL
COPY
O. M. E.
RECEIVED
FEB 8 1967

Mr. Harold K. Stager, Field Officer
U. S. Department of the Interior Geological Survey
345 Middlefield Road
Menlo Park, California 94025

Re: OME-6436 (Silver)
Cortez Joint Venture
Cortez Mine
Eureka and Lander Counties, Nevada
Contract No. 2203

Dear Mr. Stager:

In accordance with the suggestions presented in the OME Audit Report for Contract No. 2203, issued in December, 1966, we are hereby submitting an extra voucher, with supporting material, for claims on several items that were inadvertently omitted in the monthly vouchers.

Rd. 2/15/66 Vou. 6260

We have prepared a final report on subject contract which will be submitted to you pending your decision on this extra voucher form. So final rept. can specify final costs

Best regards.

Sincerely yours,

J. B. Bush

JBB/bl

Enclosures (4)

($200 withheld from last previous voucher

RECEIVED
FEB 7 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

MME FORM 60
SEPT. 1965

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FEB 16 1967
INITIALS

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Docket No. OME 6436
Contract No.
14-23-090- 2203
Contract Amount $ 174,860.00
Gov't. Participation % 75 $ 131,145.00
Mineral(s) SILVER

OPERATOR'S MONTHLY VOUCHER

For Month of Adjustment

Operator's Name CORTEZ JOINT VENTURE
Address 2300 Russ Building, San Francisco, Calif. 94104

COST CATEGORIES	FOR OPERATOR'S USE			FOR GOVERNMENT APPROVAL ONLY		
	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE
Fixed Unit Costs and						
(1) Independent Contracts:						
Bulldozing		176.00	176.00			
Drifting		108,645.60	108,645.60			
Crosscutting		4,792.50	4,792.50			
Drilling core	1,058.50	17,474.88	18,533.38			
Mob-Demobilization	700.00	4,567.50	5,267.50			
Fixed Unit Costs	1,798.00	7,862.23	9,660.23			
(2) Personal Services:						
Supervision & Technical		5,473.48	5,473.48			
Outside Consultants						
Labor	1,583.11	2,385.00	3,968.11			
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
Cardboard Core Boxes		268.00	268.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehab. & Repairs:						
Buildings, Fixtures, etc.						
Operating Equipment						
(6) New Buildings, Fixtures, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Analytical Work						
Payroll Taxes 18%	284.96	1,414.54	1,699.50			
Employee's Liability Ins.						
TOTALS	5,424.57	153,059.73	158,484.30			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 2/6/67 *Payee Cortez Joint Venture

Per [signature] Title Vice President Managing Coventurer

* When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4668.43 14X0804

Signature [signature]
(Authorized Certifying Officer)

Date FEB 15 1967 Vou. No. 6260

(SEE OTHER SIDE)

Certification by Government Representative:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating an exploration project in accordance with the terms of Contract No. 2203

Signature H.B. Stager Title FIELD OFFICER Date FEB 7 1967

Approved by OME Executive Officer or Alternate: OME REGION II

Signature H.B. Stager Title FIELD OFFICER Date FEB 7 1967

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of three parts.

FIRST, the Operator's Monthly Voucher on MME Form 60 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Progress Report on MME Form 61 is a statistical report of the units and cost of of work performed under the contract.

THIRD, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and four copies of each of the three sections of this report to the OME regional Executive Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, MME FORM 60

After all applicable spaces are filled in, the Operator or his agent must sign the certification in the lower left corner. Categories (2) through (7) apply to "Actual Cost" contracts only.

Under "Fixed Unit Costs" and Category (1) report, (a) the total fixed unit costs of work performed under contract provisions for contribution by the Government on a basis of "fixed unit costs"; and (b) the claimed costs of work performed on a unit-price basis by independent contractors.

Under Category (2) include the claimed costs of all payrolled and invoiced supervisory, technical, and labor personnel, except the costs for services applicable to Categories (5) and (6).

Under Category (3) include the claimed costs of all project materials and supplies other than those used for work under Categories (5) and (6).

Under Category (4) report claimed rentals on equipment belonging to a third party, claimed payments or obligations for payments on the Operator's purchase of equipment, and claimed depreciation for the use of Operator-owned equipment.

Under Categories (5) and (6) include all claimed costs of labor, supervision, technical services, operating materials and supplies, and all other items used in (5) the initial rehabilitation and repairs of existing buildings, fixtures, installations (exclusive of mine workings), and operating equipment; and (6) the installation or construction of new buildings, fixtures, and fixed improvements (exclusive of mine workings). Do not report these costs under Categories (2), (3), (4), and (7).

Under Category (7) include all miscellaneous claimed costs such as repairs (other than initial) and maintenance of equipment, sampling and analysis, travel, communication, accounting, office expenses, and the Operator's share of payroll taxes and insurance.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, itemized deductions, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as depreciation of Operator-owned equipment, unemployment taxes, and employee's liability insurance. The certification may be stated thus, "Certified True Copy (or Transcript)", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Executive Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

MME FORM 61
SEPT. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S PROGRESS REPORT For Month of Adjustment Docket No. OME 6436

Operator's Name Cortez Joint Venture Contract No. 14-23-090- 2203
2300 Russ Building, San Francisco, Cal.94104

OPERATION	UNITS	FOR OPERATOR'S USE			FOR GOVERNMENT USE		
		UNITS THIS MONTH	UNITS TO DATE	COSTS TO DATE	APPROVED UNITS THIS MONTH	APPROVED UNITS TO DATE	APPROVED COSTS TO DATE
Drifting	2040	0	1987.0	103,021.19	0	1987.0	$ 103,021.19
Crosscutting	600	0	623.1	29,386.78	0	623.1	29,386.78
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond	3400	0	3125	25,900.33	0	3125	25,900.33
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn							
Percussion							
Miscellaneous							
Roads and Trails	180	0	11	176.00	0	11	176.00
Stripping							
Trenching							
Test Pitting							
Other Surface Work							
Initial Rehabilitation and Repairs							
Rehabilitation of Mine Workings							
New Buildings, Fixtures, etc.							
Operating Equipment Purchases							
Analytical Work							
TOTAL TO DATE *(per MME Form 60)*				158,484.30			$ 158,484.30

REMARKS

(Continue on back)

REMARKS

(Continue on back)

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 2/6/67 Operator Cortez Joint Venture
Vice President

Per [signature] Title Managing Coventurer

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

I certify that the information above is complete and accurate to the best of my knowledge and belief.

Signature [signature]

Title Field Officer, OME Region II
Government Representative

Date FEB 7 1967

(INSTRUCTIONS ON REVERSE)

REMARKS *(Cont.)*

REMARKS *(Cont.)*

INSTRUCTIONS FOR PREPARING OPERATOR'S PROGRESS REPORT, MME FORM 61

This report is the second of the three parts of the Operator's Monthly Report. Submit the original and four copies.

The cost for each operation should be the total of all claimed costs attributable to that type of work with two exceptions, namely—operating equipment purchased and analytical work which are stated separately. For example, drifting costs should be the total of all costs chargeable to drifting including supervision, technical services, timbering (if any), etc. Similarly, drilling costs should include the cost of cementing, reaming, core boxes, etc. This procedure of distribution holds whether the contract was written on an actual cost or a unit cost basis, or some combination of the two. Distribute the cost of such general items as supervision, equipment rented, etc. according to relative footages or on some other conventional basis. The item "Initial Rehabilitation and Repairs" covers all rehabilitation and/or repairs other than the rehabilitation of mine workings.

The item titled "Drilling, Non-core Percussion" includes all drilling performed with wagon, jack-hammer, stoper and mounted drills. The several items labelled "Other" are provided to take care of particular exploration operations not specified on this form.

BUDGET BUREAU
FEB 13 8 10 AM '61
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		Actual Cost	Cost Claimed	Adjustment
(1)	a. Core Drilling			
	185 feet of AX casing left in drill hole See E.J. Longyear Invoice 26629 2/28/66	314.50	300.00	14.50
	b. Moving Drill			
	E.J. Longyear Invoices			
	No. / Date / Hours @ $11.60			
	16618 January 31 15	174.00	174.00	
	26629 February 28 14	162.40	162.40	
	66646 June 30 47	545.20	243.60	301.60
	76664 July 30 26	301.60	-0-	301.60
	86642 August 30 13	150.80	-0-	150.80
		1334.00	580.00	754.00
	c. Standby Time (@11.60/hr)			
	E. J. Longyear Invoice #76664 July 30	278.40	-0-	278.40
	E. J. Longyear Invoice #66646 June 30	11.60	-0-	11.60
				290.00
				1,058.50
(2)	Mob-Demobilization	5000.00	4300.00	700.00
	Ponderosa Development Co. Ltd. Invoice Job #P-77-A Statement #13 May 25, 1966 Invoice Job #P-77-A Statement # 1 Aug 65			
(3)	Water Truck Rental @ $.25/mile			
	Sept 1965 80 miles		20.00	
	Oct 1965 764 miles		191.00	
	Nov 1965 810 miles		202.50	
	Dec 1965 979 miles		244.75	
	Jan 1966 1046 miles		241.75	
	Feb 1966 1088 miles			
	Mar 1966 1146 miles			
	Apr 1966 1343 miles			
	May 1966 -0- miles			
	June 1966 1455 miles			
	July 1966 1147 miles			
	Aug 1966 934 miles			
	10792 miles	2698.00	900.00	1,798.00
(4)	Labor @ $21.66/shift			
	Billy Dick Caldwell March	411.54	45.72	365.82
	April	476.52	-0-	476.52
	June	305.41	-0-	305.41
	July	160.28	-0-	160.28
	August	275.08	-0-	275.08
		1628.83	45.72	1,583.11
(5)	Labor - Payroll Costs 18%			284.96
		TOTAL ADJUSTMENT		5,424.57

MB 1-31-67

FEB 10 1966

FEB 4 1966 RECEIVED

RECEIVED

INVOICE

E. J. LONGYEAR COMPANY

Diamond Core Drilling

Foundation Testing and Grouting Contractors

76 SOUTH 8TH STREET
MINNEAPOLIS, MINNESOTA 55402

JANUARY 31, 1966

MR. J. B. BUSH
AMERICAN EXPLORATION AND MINING COMPANY
2300 RUSS BUILDING
SAN FRANCISCO, CALIFORNIA 94104

TERMS: PAYMENT DUE ON OR BEFORE FEBRUARY 25

INVOICE NO. 16618

FORM 408

EXPLORATORY DRILLING CARRIED OUT DURING THE MONTH OF JANUARY, 1966 IN THE VICINITY OF CORTEZ, NEVADA AS PER THE TERMS OF OUR AGREEMENT DATED MARCH 9, 1965, AND ADDENDUM NO. 1 DATED OCTOBER 25, 1965.

TOTAL FOOTAGE DRILLED DURING THE MONTH OF JANUARY, 1966 - 690 FEET.

HOLE NO.		FROM	TO	FOOTAGE	RATE	AMOUNT
CU-1	AX DIAMOND DRILLING	70.0	200.0	130.0	5.00	650.00
CU-2	BX DIAMOND DRILLING	0.0	5.0	5.0	5.25	26.25
CU-2	AX DIAMOND DRILLING	5.0	200.0	195.0	5.00	975.00
CU-3	BX DIAMOND DRILLING	0.0	4.0	4.0	5.25	21.00
CU-3	AX DIAMOND DRILLING	4.0	200.0	196.0	5.00	980.00
CU-3	AX DIAMOND DRILLING	200.0	360.0	160.0	5.25	840.00
				690.0		3,492.25
	REAMING					
CU-3	BX	4.0	260.0	256.0	2.25	576.00
	RENTAL OF COMPRESSOR					735.00
	MOVING					
CU-2	JANUARY 4	12 MAN HOURS				
CU-3	JANUARY 11	14 MAN HOURS				
CU-3	JANUARY 12	4 MAN HOURS				
		30 MAN HOURS		@	5.80	174.00
	(or 15 hours @ 11.60)					$4,977.25

Cortez Joint Venture.
OK. -RBG -4-7-66
53126 - $4,977.25

INVOICE

E. J. LONGYEAR COMPANY

Diamond Core Drilling

Foundation Testing and Grouting Contractors

76 SOUTH 8TH STREET
MINNEAPOLIS, MINNESOTA 55402

MAR 10 1966 RECEIVED

MAR 18 1966 RECEIVED

FEBRUARY 28, 1966

MR. J.B. BUSH
AMERICAN EXPLORATION AND MINING COMPANY
2300 RUSS BUILDING
SAN FRANCISCO, CALIFORNIA 94104

TERMS: PAYMENT DUE ON OR BEFORE

INVOICE NO. 26629

FORM 408

EXPLORATORY DRILLING CARRIED OUT DURING THE MONTH OF FEBRUARY, 1966 IN THE VICINITY OF CORTEZ, NEVADA AS PER THE TERMS OF OUR AGREEMENT DATED MARCH 9, 1965, AND ADDENDUM NO. 1 DATED OCTOBER 25, 1965.

HOLE NO.		FROM	TO	FOOTAGE	RATE	AMOUNT
CU-3	AX DIAMOND DRILLING	360.0	400.0	40.0	5.25	210.00
CU-3	AX DIAMOND DRILLING	400.0	448.0	48.0	5.50	264.00
CU-6	BX DIAMOND DRILLING	0.0	5.0	5.0	5.25	26.25
CU-6	AX DIAMOND DRILLING	5.0	200.0	195.0	5.00	975.00
CU-6	AX DIAMOND DRILLING	200.0	246.0	46.0	5.25	241.50
CU-5	BX DIAMOND DRILLING	0.0	4.0	4.0	5.25	21.00
CU-5	AX DIAMOND DRILLING	4.0	200.0	196.0	5.00	980.00
CU-5	AX DIAMOND DRILLING	200.0	209.0	9.0	5.25	47.25
CU-7	BX DIAMOND DRILLING	0.0	5.0	5.0	5.25	26.25
CU-7	AX DIAMOND DRILLING	5.0	200.0	195.0	5.00	975.00
CU-7	AX DIAMOND DRILLING	200.0	230.0	30.0	5.25	157.50
				773.0		3,923.75
	RENTAL OF COMPRESSOR					735.00
	MOVING TIME					
	FEBRUARY 8	4 HOURS				
	FEBRUARY 15	10 HOURS				
	FEBRUARY 21	14 HOURS				
		28 HOURS			@ 5.80	162.40
	TOOLS LEFT IN DRILL HOLE					
	185 FEET OF AX CASING			@ 1.70	314.50	
	AX CASING SHOE NO. X1545 - 11 CARATS			@ 8.25	90.75	405.25
	NEVADA SALES TAX - 2% OF $405.25					8.11
						$5,234.51

CORTEZ JOINT VENTURE		
Goods Rec'd	3-16-66	
Price OK	RBG	
Code #	Amount	
5312 G	5,234	51

Bob G for OK.

AUG 4 1966

INVOICE

JUL 25 1966
RECEIVED

E. J. LONGYEAR COMPANY

Diamond Core Drilling

Foundation Testing and Grouting Contractors

76 SOUTH 8TH STREET
MINNEAPOLIS, MINNESOTA 55402

June 30, 1966

American Exploration and Mining Company
2300 Russ Building
San Francisco, California 94104
Att'n: Mr. J.B. Bush

TERMS: PAYMENT DUE ON OR BEFORE
August 11, 1966

Invoice No. 66646

FORM 408

Exploratory drilling carried out during the month of June, 1966 in the vicinity of Cortez, Nevada as per the terms of our Agreement dated March 9, 1965, and Addendum No. 1 dated October 25, 1965. Total footage drilled during the month of June, 1966 - 851 feet.

Hole No.		From	To	Footage	Rate	Amount
CU7	AXWL DIAMOND DRILLING	230	330	100	@ 6.35	635.00
CU4	BXBW DIAMOND DRILLING	0	2	2	@ 6.25	12.50
CU4	AXWL DIAMOND DRILLING	2	200	198	@ 6.00	1,188.00
CU4	AXWL DIAMOND DRILLING	200	280	80	@ 6.35	508.00
CU8	BXBW DIAMOND DRILLING	0	2	2	@ 6.25	12.50
CU8	AXWL DIAMOND DRILLING	2	200	198	@ 6.00	1,188.00
CU8	AXWL DIAMOND DRILLING	200	250	50	@ 6.35	317.50
CU9	BXBW DIAMOND DRILLING	0	3	3	@ 6.25	18.75
CU9	AXWL DIAMOND DRILLING	3	200	197	@ 6.00	1,182.00
CU9	AXWL DIAMOND DRILLING	200	221	21	@ 6.35	133.35
				851		5,195.60

Rental of Compressor — 735.00

Moving and Setting Up

CU 14 - DE MOB

CU7	June 1	~~8 Man Hours~~		
CU7	June 3	~~12 Man Hours~~		
CU7	June 4	8 Man Hours OK		
CU7	June 6	4 Man Hours OK		
CU4	June 8	20 Man Hours OK		
~~CU4~~	~~June 9~~	~~2 Man Hours~~		
CU8	June 15	~~8 Man Hours~~ CU 14	21 HRS @ 5.80	
CU8	June 16	8 Man Hours OK		
CU9	June 22	24 Man Hours OK		
		~~94~~ 64 Man Hours	@ 5.80	~~545.20~~ 371.20

ONE = 121.80 + 249.40 = 371.20

Casing Left In Hole

CU 14	560 feet BX Casing	@ 1.75	980.00
	Nevada State Sales Tax @ 2% of 980.00		19.60

Standby Time

CU9	June 23	1 Hour	@ 11.60	11.60

Demobilization of Deep-Hole Underground Drilling — 415.00

~~7,902.00~~ 7728.00

CORTEZ JOINT VENTURE	
Goods Rec'd	7-28-66
Price OK	
Amount	
5317	40

NON ONE =

CORTEZ JOINT VENTURE	
Goods Rec'd	7-28-66
Price OK	
Code #	Amount
5312-G	2410 60

NON ONE = 2410.60
ONE = 5317.40
$ 7728.00

INVOICE

SEP 2 1966 RECEIVED

AUG 15 1966 RECEIVED

E. J. LONGYEAR COMPANY

Diamond Core Drilling

Foundation Testing and Grouting Contractors

76 SOUTH 8TH STREET
MINNEAPOLIS, MINNESOTA 55402

July 30, 1966

American Exploration and Mining Company
2300 Russ Building
San Francisco, California 94104

TERMS: PAYMENT DUE ON OR BEFORE
August 20, 1966

Invoice No. 76664

FORM 408

Exploratory drilling carried out during the month of July, 1966 in the vicinity of Cortez, Nevada as per the terms of our Agreement dated March 9, 1965 and Addendum No. 1 dated October 25, 1965.

Hole No.		From	To	Footage	Rate	Amount
CV10	BXBW DIAMOND DRILLING	0	2	2	@ 6.25	12.50
CV10	AQWL DIAMOND DRILLING	2	200	198	@ 6.00	1,188.00
CV10	AQWL DIAMOND DRILLING	200	280	80	@ 6.35	508.00
				280		~~1,708.50~~
					SEE ATTACHED SHEET	1610.00

Moving and Setting Up

CV9	July 1	12 man hours		
CV10	July 5	12 man hours		
CV10	July 6	12 man hours		
CV10	July 26	16 man hours		
		52 man hours	@ 5.80	301.60

Delays

CV10	July 27	8 Hours		
CV10	July 28	8 Hours		
CV10	July 29	8 Hours		
		24 Hours	@ 11.60	278.40

Rental of Compressor 735.00

~~$3,023.50~~

2925 00

OME

CORTEZ JOINT VENTURE		
Goods Rec'd	8-18-66	
Price OK		
Code #	Amount	
5312-4	1610	00

NON OME

CORTEZ JOINT VENTURE		
Goods Rec'd	8-18-66	
Price OK		
Code #		
5312-4	1315	00

SEP 15 1966
SEP 26 1966
RECEIVED

INVOICE

E. J. LONGYEAR COMPANY

Diamond Core Drilling

Foundation Testing and Grouting Contractors

76 SOUTH 8TH STREET
MINNEAPOLIS, MINNESOTA 55402

AUGUST 30, 1966

AMERICAN EXPLORATION AND MINING COMPANY
2300 RUSS BUILDING
SAN FRANCISCO, CALIFORNIA 94104

TERMS: PAYMENT DUE ON OR BEFORE SEPTEMBER 20

INVOICE NO. 86642

FORM 408

EXPLORATORY DRILLING CARRIED OUT DURING THE MONTH OF AUGUST, 1966 IN THE VICINITY OF CORTEZ, NEVADA AS PER THE TERMS OF OUR AGREEMENT DATED MARCH 9, 1966, AND ADDENDUM NO. 1 DATED OCTOBER 25, 1965.

HOLE NO.		FROM	TO	FOOTAGE	RATE	AMOUNT
CV-11	BXBW DIAMOND DRILLING	0	3	3	5.25	15.75
CV-11	AXWL DIAMOND DRILLING	3	200	197	5.00	985.00
CV-11	AXWL DIAMOND DRILLING	200	250	50	5.25	262.50
CV-12	BXBW DIAMOND DRILLING	0	4	4	5.25	21.00
CV-12	AXWL DIAMOND DRILLING	4	200	196	5.00	980.00
CV-12	AXWL DIAMOND DRILLING	200	250	50	5.25	262.50
				500		2,526.75

	MOVING AND SETTING UP			
CV-11	AUGUST 8	12 MAN HOURS		
CV-12	AUGUST 24	14 MAN HOURS		
		26 MAN HOURS	5.80	150.80

RENTAL OF COMPRESSOR 735.00

$3,412.55

CORTEZ JOINT VENTURE		
Goods Rec'd	9-17-66	
Price OK		
Code #	Amount	
5312-G	3412	55

CORTEZ JOINT VENTURE		
Goods Rec'd		
Price OK		
Code #	Amount	

Ponderosa Development Company, Ltd.

AUG 12 1965
RECEIVED

WRITE TO:
BOX 4800-N
TUCSON, ARIZONA

OFFICE
6 NORTH TUCSON BOULEVARD

TELEPHONE
EAST 6-1114

August 6, 1965

Cortez Joint Venture
% American Exploration & Mining Co.
2300 Russ Building
San Francisco, California 94104

Attn; Mr. Jack Bush.

STATEMENT

Cortez Joint Venture, Job # P-77-A, Statement # 1

Mobilization $5,489.58

Please make and mail remittance to:

Southern Arizona Bank and Trust Co.
P.O.Box 1871
Tucson, Arizona 85702

(and state on check"RE: Ponderosa Development Co.,Ltd., assignment.)

Please send copy of remittance to:

Ponderosa Development Co.,Ltd.
Box 75
Crescent Valley Station
Beowawe, Nevada

Thank you,

M.L.Tate

M.L.Tate, General Manager

8-9-65

5316

CONTRACT MINE DEVELOPMENT AND MINERAL EXPLORATION
SURFACE AND UNDERGROUND • LOCATION AND ASSESSMENT WORK
DIVERSION TUNNELS • DAMS • ROADS • MINING AND LEASING
SURVEYING • MAPPING • CONSULTING • ENGINEERING • GEOLOGY

Ponderosa Development Company, Ltd.

WRITE TO:
P. O. BOX 5
ELKO, NEVADA 89801

NEVADA DIVISION
OFFICE
HOT SPRINGS ROAD

TELEPHONE
738-6811

May 25, 1966

MAY 31 1966

Cortez Joint Venture
% American Exploration & Mining Co.
2300 Russ Building
San Francisco, California 94104

STATEMENT

Cortez Joint Venture	Job # P-77-A	Statement # 13
Demobilization		$ 1,800.00

Make and mail remittance to;

Southern Arizona Bank & Trust Co.
P. O. Box 1871
Tucson, Arizona 85702

(and state on check "Re", Ponderosa Development Co., Ltd, assignment)

Please send copy of remittance to;

Ponderosa Development Co., Ltd.
Box 5
Elko, Nevada 89801

5319-B

M. L. Tate

M. L. Tate, Gen. Mgr.

AMERICAN EXPLORATION & MINING CO.

CABLE ADDRESS: "DRAGA"
TELEPHONE EXBROOK 2-4992

23RD FLOOR RUSS BUILDING
SAN FRANCISCO, CALIF. 94104

February 6, 1967

Mr. Harold K. Stager, Field Officer
U. S. Department of the Interior Geological Survey
345 Middlefield Road
Menlo Park, California 94025

Re: OME-6436 (Silver)
Cortez Joint Venture
Cortez Mine
Eureka and Lander Counties, Nevada
Contract No. 2203

Dear Mr. Stager:

In accordance with the suggestions presented in the OME Audit Report for Contract No. 2203, issued in December, 1966, we are hereby submitting an extra voucher, with supporting material, for claims on several items that were inadvertently omitted in the monthly vouchers.

We have prepared a final report on subject contract which will be submitted to you pending your decision on this extra voucher form.

Best regards.

Sincerely yours,

J. B. Bush

JBB/bl

Enclosures (4)

RECEIVED
FEB 7 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

MME FORM 60
SEPT. 1959

RECEIVED DEC 12 1966 OFFICIAL COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Docket No. OME 6436
Contract No.
14-23-090- 2203
Contract Amount $174,860.00
Gov't. Participation %75 $131,145.00
Mineral(s) Silver

OPERATOR'S MONTHLY VOUCHER

For Month of August 1966

Operator's Name Cortez Joint Venture
Address 2300 Russ Building, San Francisco, Calif. 94104

COST CATEGORIES	FOR OPERATOR'S USE: MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE	FOR GOVERNMENT APPROVAL ONLY: MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE
Fixed Unit Costs and						
(1) Independent Contracts:						
Bulldozing	--0--	176.00	176.00			
Drifting & Crosscutting	--0--	108,645.60	108,645.60			
Crosscutting & Drill Sta.	--0--	4,792.50	4,792.50			
Drilling	2,526.75	14,948.13	17,474.88			
		4,567.50	4,567.50			
Fixed Unit Costs	643.00	7,219.23	7,862.23			
(2) Personal Services:						
Supervision & Technical	244.72	5,228.76	5,473.48			
Outside Consultants						
Labor	--0--	2,385.00	2,385.00			
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
Cardboard Core Boxes	50.00	218.00	268.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehab. & Repairs:						
Buildings, Fixtures, etc.						
Operating Equipment						
(6) New Buildings, Fixtures, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Analytical Work						
Payroll Taxes 18%	44.05	1,370.49	1,414.54			
Employee's Liability Ins.						
TOTALS	3,508.52	149,551.21	153,059.73			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Nov. 23 1966 *Payee Cortez Joint Venture

Per [signature] Title Vice President Managing Coventurer

* When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of: 2631.39 14X0804
-200.00 14X6875 (08)
$ 2431.39
14X0804

Signature [signature]
(Authorized Certifying Officer)

Date DEC 12 1966 Vou. No. 4649

(SEE OTHER SIDE)

Certification by Government Representative:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating an exploration project in accordance with the terms of Contract No. 2203

Signature [illegible] Title FIELD OFFICER Date NOVEMBER 30, 1966

Approved by OME Executive Officer or Alternate: OME REGION II

Signature [illegible] Title FIELD OFFICER Date NOVEMBER 30, 1966

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of three parts.

FIRST, the Operator's Monthly Voucher on MME Form 60 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Progress Report on MME Form 61 is a statistical report of the units and cost of of work performed under the contract.

THIRD, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and four copies of each of the three sections of this report to the OME regional Executive Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, MME FORM 60

After all applicable spaces are filled in, the Operator or his agent must sign the certification in the lower left corner. Categories (2) through (7) apply to "Actual Cost" contracts only.

Under "Fixed Unit Costs" and Category (1) report, (a) the total fixed unit costs of work performed under contract provisions for contribution by the Government on a basis of "fixed unit costs"; and (b) the claimed costs of work performed on a unit-price basis by independent contractors.

Under Category (2) include the claimed costs of all payrolled and invoiced supervisory, technical, and labor personnel, except the costs for services applicable to Categories (5) and (6).

Under Category (3) include the claimed costs of all project materials and supplies other than those used for work under Categories (5) and (6).

Under Category (4) report claimed rentals on equipment belonging to a third party, claimed payments or obligations for payments on the Operator's purchase of equipment, and claimed depreciation for the use of Operator-owned equipment.

Under Categories (5) and (6) include all claimed costs of labor, supervision, technical services, operating materials and supplies, and all other items used in (5) the initial rehabilitation and repairs of existing buildings, fixtures, installations (exclusive of mine workings), and operating equipment; and (6) the installation or construction of new buildings, fixtures, and fixed improvements (exclusive of mine workings). Do not report these costs under Categories (2), (3), (4), and (7).

Under Category (7) include all miscellaneous claimed costs such as repairs (other than initial) and maintenance of equipment, sampling and analysis, travel, communication, accounting, office expenses, and the Operator's share of payroll taxes and insurance.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, itemized deductions, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as depreciation of Operator-owned equipment, unemployment taxes, and employee's liability insurance. The certification may be stated thus, "Certified True Copy (or Transcript)", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Executive Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

4 4 5 2 0 4

MME FORM 61
SEPT. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S PROGRESS REPORT For Month of August 1966 Docket No. OME 6436

Operator's Name Cortez Joint Venture Contract No. 14-23-090- 2203

OPERATION	UNITS	FOR OPERATOR'S USE			FOR GOVERNMENT USE		
		UNITS THIS MONTH	UNITS TO DATE	COSTS TO DATE	APPROVED UNITS THIS MONTH	APPROVED UNITS TO DATE	APPROVED COSTS TO DATE
Drifting	2040	-0-	1986.8	101,093.16	0	1,986.8	$ 101,093.16
Crosscutting	600	-0-	623.1	28,781.78	0	623.1	28,781.78
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond	3400	500	3125	23,008.79	500	3,125	23,008.79
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn							
Percussion							
Miscellaneous							
Roads and Trails	180 hrs.	-0-	11	176.00	0	11	176.00
Stripping							
Trenching							
Test Pitting							
Other Surface Work							
Initial Rehabilitation and Repairs							
Rehabilitation of Mine Workings							
New Buildings, Fixtures, etc.							
Operating Equipment Purchases							
Analytical Work							
TOTAL TO DATE (per MME Form 60)				153,059.73			$ 153,059.73

REMARKS

(Continue on back)

REMARKS

THIS IS FINAL VOUCHER.
WITHHOLD $200 UNTIL FINAL REPORT IS SUBMITTED.
HHH

(Continue on back)

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date November 23, 1966 Operator Cortez Joint Venture
Vice President
Per [signature] Title Managing Coventurer

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

I certify that the information above is complete and accurate to the best of my knowledge and belief.

Signature [signature]
Title FIELD OFFICER, OME REGION II
Government Representative
Date NOVEMBER 30, 1966

(INSTRUCTIONS ON REVERSE)

REMARKS *(Cont.)*

REMARKS *(Cont.)*

INSTRUCTIONS FOR PREPARING OPERATOR'S PROGRESS REPORT, MME FORM 61

This report is the second of the three parts of the Operator's Monthly Report. Submit the original and four copies.

The cost for each operation should be the total of all claimed costs attributable to that type of work with two exceptions, namely—operating equipment purchased and analytical work which are stated separately. For example, drifting costs should be the total of all costs chargeable to drifting including supervision, technical services, timbering (if any), etc. Similarly, drilling costs should include the cost of cementing, reaming, core boxes, etc. This procedure of distribution holds whether the contract was written on an actual cost or a unit cost basis, or some combination of the two. Distribute the cost of such general items as supervision, equipment rented, etc. according to relative footages or on some other conventional basis. The item "Initial Rehabilitation and Repairs" covers all rehabilitation and/or repairs other than the rehabilitation of mine workings.

The item titled "Drilling, Non-core Percussion" includes all drilling performed with wagon, jack-hammer, stoper and mounted drills. The several items labelled "Other" are provided to take care of particular exploration operations not specified on this form.

INVOICE

E. J. LONGYEAR COMPANY

Diamond Core Drilling

Foundation Testing and Grouting Contractors

76 SOUTH 8TH STREET
MINNEAPOLIS, MINNESOTA 55402

SEP 15 1966
SEP 26 1966
RECEIVED
RECEIVED

AUGUST 30, 1966

AMERICAN EXPLORATION AND MINING COMPANY
2300 RUSS BUILDING
SAN FRANCISCO, CALIFORNIA 94104

TERMS: PAYMENT DUE ON OR BEFORE

INVOICE NO. 86642

SEPTEMBER 20

FORM 408

EXPLORATORY DRILLING CARRIED OUT DURING THE MONTH OF AUGUST, 1966 IN THE VICINITY OF CORTEZ, NEVADA AS PER THE TERMS OF OUR AGREEMENT DATED MARCH 9, 1966, AND ADDENDUM NO. 1 DATED OCTOBER 25, 1965.

HOLE NO.		FROM	TO	FOOTAGE	RATE	AMOUNT
CV-11	BXBW DIAMOND DRILLING	0	3	3	5.25	15.75
CV-11	AXWL DIAMOND DRILLING	3	200	197	5.00	985.00
CV-11	AXWL DIAMOND DRILLING	200	250	50	5.25	262.50
CV-12	BXBW DIAMOND DRILLING	0	4	4	5.25	21.00
CV-12	AXWL DIAMOND DRILLING	4	200	196	5.00	980.00
CV-12	AXWL DIAMOND DRILLING	200	250	50	5.25	262.50
				500		2,526.75

	MOVING AND SETTING UP			
CV-11	AUGUST 8	12 MAN HOURS		
CV-12	AUGUST 24	14 MAN HOURS		
		26 MAN HOURS	5.80	150.80
	RENTAL OF COMPRESSOR			735.00
				$3,412.55

CORTEZ JOINT VENTURE
Goods Rec'd 9-17-66
Price OK

CORTEZ JOINT VENTURE
Goods Rec'd

OME CONTRACT 2203

SCHEDULE OF DAILY JEEP MILEAGE DURING JULY

	JEEP MILEAGE	
	Actual	Allowable
August 1	60	60
2	60	60
3	60	60
4	60	60
5	60	60
6	63	60
7	--	--
8	60	60
9	60	60
10	65	60
11	60	60
12	60	60
13	60	60
14	--	--
15	60	60
16	62	60
17	60	60
18	60	60
19	60	60
20	61	60
21	--	--
22	60	60
23	60	60
24	60	60
25	60	60
26	63	60
27	60	60
28	--	--
29	60	60
30	60	60
31	60	60
	1634	1620

CORTEZ JOINT VENTURE-OME CONTRACT 14-23-090-2203

Shareable Personal Services (as abstracted from the payroll records of American Exploration & Mining Co.
For the Month of August

	SUPERVISION AND TECHNICAL
Name	J. J. Oberbillig
Allowable Pay Rate Per OME Contract 2203	$ 800.00
Shareable under OME Contract	244.72
Total Gross Wages	725.00
Federal W/H	85.40
FICA	30.46
Employee Benefit Plan	18.44
Net Wages	590.70

Date November 23, 1966

In Account With

AMERICAN EXPLORATION & MINING CO.

23rd Floor, Russ Building
San Francisco, Calif. 94104

Cardboard Core Boxes	
Warehouse withdrawal:	
50 boxes @ $1.00 each.....	$50.00

Date November 23, 1966

In Account With

AMERICAN EXPLORATION & MINING CO.

23rd Floor, Russ Building
San Francisco, Calif. 94104

FIXED UNIT COSTS AS DESCRIBED IN OME CONTRACT 2203	
JEEP RENTAL (attached)	
1,620 miles @ $0.15/mile	$243.00
OFFICE EXPENSE	
@ $100.00/month	100.00
COMPRESSED AIR FOR CORE DRILLING	
500 feet@ $0.60/ft.	300.00
	$643.00

AMERICAN EXPLORATION & MINING CO.

CABLE ADDRESS: "DRAGA"
TELEPHONE EXBROOK 2-4992

23RD FLOOR RUSS BUILDING
SAN FRANCISCO, CALIF. 94104

October 25, 1966

CORTEZ JOINT VENTURE
O.M.E. PROGRESS REPORT
AUGUST 1966

Exploration diamond drilling continued during the reporting period with the completion of drill holes DDH CU 11 and DDH CU 12.

Drill hole CU 11 was collared in blue-gray dolomite which continued to 210 feet. Minor intermittent zones of bleached dolomite were noted. Highly altered iron-stained dike material was encountered at 210 feet at 30° to the core and continued to 218 feet. From 218 to 250 feet light and gray dolomite was present.

Drill hole CU 12 also was collared in blue-gray dolomite but continued to 224 feet where brownish-orange dike material was encountered. Calcite, quartz and minor pyrite were noted in the dike. The dolomite-dike contact was at 228 ft. at 30°. From 228 ft. to the bottom of the hole at 250 feet, gray dolomite with calcite filled fractures was present with minor disseminated pyrite.

Four samples of core were assayed, but showed insignificant amounts of mineralization. Drill hole CU 12 was finished on August 31, 1966, which completed the underground drilling program.

Respectfully submitted,

J. J. Oberbillig
pp J. Birdwell

J. J. Oberbillig

JJO: jb

NOV 14 1966
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Drill Hole Log

COMPANY AMEX PROPERTY CORTEZ MINE Section No. HOLE No. CU-12

Started AUGUST 24, 1966	Bearing S 37° E	Lat. 21,344 N	Collar El. 6682	Logged by J. J. OBERBILLIG Date SEPT. 20, 1966
Completed AUGUST 31, 1966	Angle from Horiz. -30°	Dep. 40,488 E	Bottom El.	Remarks
Driller E. J. LONGYEAR CO.	Length 250 FT.	Location CUMMINGS, MS. 42	Level ARCTIC	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
						BX, 0-4; AX, 4-250				
0	10	10	9.1	91		GRAY DOLOMITE WITH CALCITE FILLED FRACTURES.				
10	20	10	9.8	98		SAME, BROKEN 21 TO 34				
20	30	10	9.0	90		SAME				
30	36	6	6	100		SAME				
36	40	4	4	100		BLEACHED DOLOMITE				
40	50	10	7.4	74		SAME				

FREE PRESS PRINT, ELKO, NEVADA

Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CU 12

Started	Bearing	Lat.	Collar El.	Logged by / Date
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
50	55	5	4	80		BLEACHED DOLOMITE				
55	60	5	4	80		DARK GRAY DOLOMITE				
60	70	10	11.2	112		SAME				
70	80	10	9.2	92		SAME				
80	90	10	10	100		SAME				
90	94	4	4	100		SAME				
94	100	6	6	100		BLEACHED DOLOMITE, CALCITE FILLED FRACTURES.				

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CU-12

Started	Bearing	Lat.	Collar El.	Logged by / Date
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
100	110	10	9.7	97		BLEACHED DOLOMITE, CALCITE FILLED FRACTURES.				
110	120	10	9.6	96		SAME				
120	130	10	10	100		SAME				
130	135	5	2.5	50		SAME				
135	140	5	4	80		GRAY DOLOMITE, CALCITE FILLED FRACTURES				
140	150	10	9.8	98		SAME				

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. C412

Started	Bearing	Lat.	Collar El.	Logged by / Date
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
150	160	10	9.3	93		GRAY DOLOMITE, CALCITE FILLED FRACT.				
160	170	10	9.5	95		SAME				
170	180	10	10.9	109		SAME				
180	190	10	7.1	71		SAME				
190	200	10	7.7	77		SAME				

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CC 12

Started	Bearing	Lat.	Collar El.	Logged by / Date
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY OZAu	ASSAY OZAg
200	206.5	6.5	6.5	100		GRAY DOLOMITE, WITH CALCITE FILLED FRACTURES					
206.5	210.0	3.5	3.5	100		ALTERED DOLOMITE, WITH CALCITE AND IRON STAINING, BROKEN.					
210	216	6	2.8	47		SAME	12147	205-216	11	0.010	2.21
216	220	4	4	100		ALTERED GRAY DOLOMITE, PYRITE ON 30° CONTACT AND MINOR DISSEMINATED PYRITE.					
220	224	4	4	100		SAME					
224	228	4	4	100		BROWNISH-ORANGE DIKE MATERIAL, WITH MINOR CALCITE AND QUARTZ.	12148	216-228	12	Tr.	0.05
228	230	2	2	100		BLEACHED DOLOMITE CONTACT, 228 FT. @ 45°					
230	234	4	4	100		SAME					
234	240	6	6	100		GRAY DOLOMITE WITH CALCITE FILLED FRACTURES.					
240	250	10	7.2	72		SAME, MINOR DISSEMINATED PYRITE 240 - 245 FT. BOTTOM OF HOLE					

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Drill Hole Log

COMPANY AMEX PROPERTY CORTEZ MINE Section No. HOLE No. CU-12

Started AUGUST 24, 1966	Bearing S 37° E	Lat. 21,344 N	Collar El. 6682	Logged by J. J. OBERBILLIG Date SEPT. 20, 1966
Completed AUGUST 31, 1966	Angle from Horiz. -30°	Dep. 40,488 E	Bottom El.	Remarks
Driller E. J. LONGYEAR CO.	Length 250 FT.	Location CUMMINS, MS. 42	Level ARCTIC	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
						BX, 0-4; AX, 4-250				
0	10	10	9.1	91		GRAY DOLOMITE WITH CALCITE FILLED FRACTURES.				
10	20	10	9.8	98		SAME, BROKEN 21 TO 34				
20	30	10	9.0	90		SAME				
30	36	6	6	100		SAME				
36	40	4	4	100		BLEACHED DOLOMITE				
40	50	10	7.4	74		SAME				

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CU 12

Started	Bearing	Lat.	Collar El.	Logged by / Date
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
50	55	5	4	80		BLEACHED DOLOMITE				
55	60	5	4	80		DARK GRAY DOLOMITE				
60	70	10	11.2	112		SAME				
70	80	10	9.2	92		SAME				
80	90	10	10	100		SAME				
90	94	4	4	100		SAME				
94	100	6	6	100		BLEACHED DOLOMITE, CALCITE FILLED FRACTURES.				

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CU-12

Started	Bearing	Lat.	Collar El.	Logged by / Date
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
100	110	10	9.7	97		BLEACHED DOLOMITE, CALCITE FILLED FRACTURES.				
110	120	10	9.6	96		SAME				
120	130	10	10	100		SAME				
130	135	5	2.5	50		SAME				
135	140	5	4	80		GRAY DOLOMITE, CALCITE FILLED FRACTURES				
140	150	10	9.8	98		SAME				

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CU12

Started	Bearing	Lat.	Collar El.	Logged by / Date
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
150	160	10	9.3	93		GRAY DOLOMITE, CALCITE FILLED FRACT.				
160	170	10	9.5	95		SAME				
170	180	10	10.9	109		SAME				
180	190	10	7.1	71		SAME				
190	200	10	7.7	77		SAME				

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CC 12

Started	Bearing	Lat.	Collar El.	Logged by / Date
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY OZAU	ASSAY OZAg
200	206.5	6.5	6.5	100		GRAY DOLOMITE, WITH CALCITE FILLED FRACTURES					
206.5	210.0	3.5	3.5	100		ALTERED DOLOMITE, WITH CALCITE AND IRON STAINING, BROKEN.					
210	216	6	2.8	47		SAME	12147	205-216	11	0.010	2.21
216	220	4	4	100		ALTERED GRAY DOLOMITE, PYRITE ON 30° CONTACT AND MINOR DISSEMINATED PYRITE.					
220	224	4	4	100		SAME					
224	228	4	4	100	VL VL VL VL VL	BROWNISH-ORANGE DIKE MATERIAL, WITH MINOR CALCITE AND QUARTZ.	12148	216-228	12	Tr.	0.05
228	230	2	2	100		BLEACHED DOLOMITE CONTACT, 228 FT. @ 45°					
230	234	4	4	100		SAME					
234	240	6	6	100		GRAY DOLOMITE WITH CALCITE FILLED FRACTURES.					
240	250	10	7.2	72		SAME, MINOR DISSEMINATED PYRITE 240 - 245 FT. BOTTOM OF HOLE					

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NOV 14 1966
RECEIVED

Drill Hole Log

COMPANY AMEX PROPERTY CORTEZ MINE Section No. HOLE No. CU-12

Started AUGUST 24, 1966	Bearing S 37° E	Lat. 21,344 N	Collar El. 6682	Logged by J. J. OBERBILLIG Date SEPT. 20, 1966
Completed AUGUST 31, 1966	Angle from Horiz. -30°	Dep. 40,488 E	Bottom El.	Remarks
Driller E. J. LONGYEAR CO.	Length 250 FT.	Location CUMMINS, MS. 42	Level ARCTIC	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
						BX, 0-4; AX, 4-250				
0	10	10	9.1	91		GRAY DOLOMITE WITH CALCITE FILLED FRACTURES.				
10	20	10	9.8	98		SAME, BROKEN 21 TO 34				
20	30	10	9.0	90		SAME				
30	36	6	6	100		SAME				
36	40	4	4	100		BLEACHED DOLOMITE				
40	50	10	7.4	74		SAME				

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CU 12

Started	Bearing	Lat.	Collar El.	Logged by / Date
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
50	55	5	4	80		BLEACHED DOLOMITE				
55	60	5	4	80		DARK GRAY DOLOMITE				
60	70	10	11.2	112		SAME				
70	80	10	9.2	92		SAME				
80	90	10	10	100		SAME				
90	94	4	4	100		SAME				
94	100	6	6	100		BLEACHED DOLOMITE, CALCITE FILLED FRACTURES.				

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CU-12

Started	Bearing	Lat.	Collar El.	Logged by / Date
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
100	110	10	9.7	97		BLEACHED DOLOMITE, CALCITE FILLED FRACTURES.				
110	120	10	9.6	96		SAME				
120	130	10	10	100		SAME				
130	135	5	2.5	50		SAME				
135	140	5	4	80		GRAY DOLOMITE, CALCITE FILLED FRACTURES				
140	150	10	9.8	98		SAME				

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. C412

Started	Bearing	Lat.	Collar El.	Logged by / Date
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
150	160	10	9.3	93		GRAY DOLOMITE, CALCITE FILLED FRACT.				
160	170	10	9.5	95		SAME				
170	180	10	10.9	109		SAME				
180	190	10	7.1	71		SAME				
190	200	10	7.7	77		SAME				

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CG 12

Started	Bearing	Lat.	Collar El.	Logged by	Date
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks	
Driller	Length	Location	Level		

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY OZAU	ASSAY OZAg
200	206.5	6.5	6.5	100		GRAY DOLOMITE, WITH CALCITE FILLED FRACTURES					
206.5	210.0	3.5	3.5	100		ALTERED DOLOMITE, WITH CALCITE AND IRON STAINING, BROKEN.					
210	216	6	2.8	47		SAME	12147	205-216	11	0.010	2.21
216	220	4	4	100		ALTERED GRAY DOLOMITE, PYRITE ON 30° CONTACT AND MINOR DISSEMINATED PYRITE.					
220	224	4	4	100		SAME					
224	228	4	4	100		BROWNISH-ORANGE DIKE MATERIAL, WITH MINOR CALCITE AND QUARTZ.	12148	216-228	12	Tr.	0.05
228	230	2	2	100		BLEACHED DOLOMITE CONTACT, 228 FT. @ 45°					
230	234	4	4	100		SAME					
234	240	6	6	100		GRAY DOLOMITE WITH CALCITE FILLED FRACTURES.					
240	250	10	7.2	72		SAME, MINOR DISSEMINATED PYRITE 240 - 245 FT. BOTTOM OF HOLE					

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U. S. Government Messenger Envelope

Standard Form 65 (Nov. 1961)
GSA Gen. Reg. No. 27

65-105

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
	STOP		STOP
~~Payroll Unit~~ ~~Branch of Budget & Finance~~ ~~Room 5423, Interior Building~~	STOP		STOP
B. [illegible] U.S.S. Wash. D.C. G+P.	STOP		STOP
Frank Cuttitta V.W.P.	STOP		STOP
~~Harry [illegible]~~ ~~C-3-17~~	STOP		STOP
G.D.B. Room 1316 Interior Bldg.	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP

Use other side

Use STOP only when messenger service between Government buildings in Washington, D. C., is required or wherever a STOP system is used.
Your mail room has STOP information.

INSTRUCTIONS FOR USE

1. Identify Agency of Addressee
2. Void Previously Used Block
3. Write Clearly
4. Send Surplus Envelopes to Supply Room for Reissue

Mayor August 1966 Transfer

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
~~Tig Gwynn~~ N.Y.A. ~~Bldg~~ 213	STOP		STOP
~~Mr. Hyde~~ ~~Rm 5225~~ Sat.	STOP		STOP
H. Kirkegaard 4457 Ontario	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP

Use other side first

MME FORM 50
SEPT. 1959

OFFICIAL COPY
OCT 24

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Docket No. OME 6436
Contract No. 14-23-090-2203
Contract Amount $174,860.00
Gov't. Participation %75 $131,145.00
Mineral(s) SILVER

OPERATOR'S MONTHLY VOUCHER For Month of JULY, 1966

Operator's Name CORTEZ JOINT VENTURE
Address 2300 Russ Building, San Francisco, Calif. 94104

COST CATEGORIES	FOR OPERATOR'S USE			FOR GOVERNMENT APPROVAL ONLY		
	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE
Fixed Unit Costs and						
(1) Independent Contracts:						
Bulldozing	--0--	176.00	176.00			
Drifting & Crosscutting	--0--	108,645.60	108,645.60			
Crosscutting Drill Sta.	--0--	4,792.50	4,792.50			
Drilling Core	1,610.50	13,337.63	14,948.13			
Mob-Demob	--0--	4,567.50	4,567.50			
Fixed Unit Costs	502.30	6,716.93	7,219.23			
(2) Personal Services:						
Supervision & Technical	341.48	4,887.28	5,228.76			
Outside Consultants						
Labor	--0--	2,385.00	2,385.00			
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
Cardboard Core Boxes	218.00		218.00			*
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehab. & Repairs:						
Buildings, Fixtures, etc.						
Operating Equipment						
(6) New Buildings, Fixtures, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Analytical Work						
Payroll Taxes 18%	61.47	1,309.02	1,370.49			
Employee's Liability Ins.						
TOTALS	2733.75	146,817.46	149,551.21			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Sept. 22, 1966 Payee Cortez Joint Venture

Per [signature] Title Vice President Managing Coventurer

* When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 2,050.31

Signature [signature] (Authorized Certifying Officer)

Date OCT 24 1966 Vou. No. 14X0804 3335

(SEE OTHER SIDE)

Certification by Government Representative:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating an exploration project in accordance with the terms of Contract No. 2203

Signature H B Hagen Title Field Officer Date Sept. 29, 1966

Approved by OME Executive Officer or Alternate: OME Region II

Signature H B Hagen Title Field Officer Date Sept. 29, 1966

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of three parts.

FIRST, the Operator's Monthly Voucher on MME Form 60 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Progress Report on MME Form 61 is a statistical report of the units and cost of of work performed under the contract.

THIRD, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and four copies of each of the three sections of this report to the OME regional Executive Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, MME FORM 60

After all applicable spaces are filled in, the Operator or his agent must sign the certification in the lower left corner. Categories (2) through (7) apply to "Actual Cost" contracts only.

Under "Fixed Unit Costs" and Category (1) report, (a) the total fixed unit costs of work performed under contract provisions for contribution by the Government on a basis of "fixed unit costs"; and (b) the claimed costs of work performed on a unit-price basis by independent contractors.

Under Category (2) include the claimed costs of all payrolled and invoiced supervisory, technical, and labor personnel, except the costs for services applicable to Categories (5) and (6).

Under Category (3) include the claimed costs of all project materials and supplies other than those used for work under Categories (5) and (6).

Under Category (4) report claimed rentals on equipment belonging to a third party, claimed payments or obligations for payments on the Operator's purchase of equipment, and claimed depreciation for the use of Operator-owned equipment.

Under Categories (5) and (6) include all claimed costs of labor, supervision, technical services, operating materials and supplies, and all other items used in (5) the initial rehabilitation and repairs of existing buildings, fixtures, installations (exclusive of mine workings), and operating equipment; and (6) the installation or construction of new buildings, fixtures, and fixed improvements (exclusive of mine workings). Do not report these costs under Categories (2), (3), (4), and (7).

Under Category (7) include all miscellaneous claimed costs such as repairs (other than initial) and maintenance of equipment, sampling and analysis, travel, communication, accounting, office expenses, and the Operator's share of payroll taxes and insurance.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, itemized deductions, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as depreciation of Operator-owned equipment, unemployment taxes, and employee's liability insurance. The certification may be stated thus, "Certified True Copy (or Transcript)", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Executive Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

960160

MME FORM 61
SEPT. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S PROGRESS REPORT For Month of JULY, 1966 Docket No. OME 6436

Operator's Name CORTEZ JOINT VENTURE Contract No. 14-23-090-2203

OPERATION	UNITS	FOR OPERATOR'S USE: UNITS THIS MONTH	UNITS TO DATE	COSTS TO DATE	FOR GOVERNMENT USE: APPROVED UNITS THIS MONTH	APPROVED UNITS TO DATE	APPROVED COSTS TO DATE
Drifting	2040	-0-	1986.8	101,093.16	-0-	1986.8	*101,093.16
Crosscutting	600	-0-	623.1	28,781.78	-0-	623.1	28,781.78
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond	3400	280	2625	19,500.27	280	2625	19,500.27
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn							
Percussion							
Miscellaneous							
Roads and Trails	180 hrs	-0-	11	176.00	-0-	11	176.00
Stripping							
Trenching							
Test Pitting							
Other Surface Work							
Initial Rehabilitation and Repairs							
Rehabilitation of Mine Workings							
New Buildings, Fixtures, etc.							
Operating Equipment Purchases							
Analytical Work							
TOTAL TO DATE (per MME Form 60)				149,551.21			*149,551.21

REMARKS

(Continue on back)

REMARKS

*INCLUDES 190 CORE BOXES DISALLOWED ON MAY-JUNE VOUCHER PLUS 28 NEW BOXES, NOW SUPPORTED BY WAREHOUSE WITHDRAWAL RECEIPT. HKR

(Continue on back)

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Sept 22, 1966 Operator Cortez Joint Venture

Per [signature] Title Vice President Managing Coventurer

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

I certify that the information above is complete and accurate to the best of my knowledge and belief.

Signature [signature]

Title FIELD OFFICER, OME REGION II
Government Representative

Date Sept. 29, 1966

(INSTRUCTIONS ON REVERSE)

REMARKS *(Cont.)*

REMARKS *(Cont.)*

INSTRUCTIONS FOR PREPARING OPERATOR'S PROGRESS REPORT, MME FORM 61

This report is the second of the three parts of the Operator's Monthly Report. Submit the original and four copies.

The cost for each operation should be the total of all claimed costs attributable to that type of work with two exceptions, namely—operating equipment purchased and analytical work which are stated separately. For example, drifting costs should be the total of all costs chargeable to drifting including supervision, technical services, timbering (if any), etc. Similarly, drilling costs should include the cost of cementing, reaming, core boxes, etc. This procedure of distribution holds whether the contract was written on an actual cost or a unit cost basis, or some combination of the two. Distribute the cost of such general items as supervision, equipment rented, etc. according to relative footages or on some other conventional basis. The item "Initial Rehabilitation and Repairs" covers all rehabilitation and/or repairs other than the rehabilitation of mine workings.

The item titled "Drilling, Non-core Percussion" includes all drilling performed with wagon, jack-hammer, stoper and mounted drills. The several items labelled "Other" are provided to take care of particular exploration operations not specified on this form.

INT.DUP.,D.C.59- 27168

60160

INVOICE

SEP 2 1966 RECEIVED

AUG 15 1966 RECEIVED

E. J. LONGYEAR COMPANY

Diamond Core Drilling

Foundation Testing and Grouting Contractors

76 SOUTH 8TH STREET
MINNEAPOLIS, MINNESOTA 55402

July 30, 1966

American Exploration and Mining Company
2300 Russ Building
San Francisco, California 94104

TERMS: PAYMENT DUE ON OR BEFORE
August 20, 1966

Invoice No. 76664

FORM 408

Exploratory drilling carried out during the month of July, 1966 in the vicinity of Cortez, Nevada as per the terms of our Agreement dated March 9, 1965 and Addendum No. 1 dated October 25, 1965.

Hole No.		From	To	Footage	Rate	Amount
CV10	BXBW DIAMOND DRILLING	0	2	2	@ 6.25	12.50
CV10	AQWL DIAMOND DRILLING	2	200	198	@ 6.00	1,188.00
CV10	AQWL DIAMOND DRILLING	200	280	80	@ 6.35	508.00
				280		~~1,708.50~~
					SEE ATTACHED SHEET	1610.50
	Moving and Setting Up					
CV9	July 1	12 man hours				
CV10	July 5	12 man hours				
CV10	July 6	12 man hours				
CV10	July 26	16 man hours				
		52 man hours			@ 5.80	301.60
	Delays					
CV10	July 27	8 Hours				
CV10	July 28	8 Hours				
CV10	July 29	8 Hours				
		24 Hours			@ 11.60	278.40
	Rental of Compressor					735.00
						~~$3,023.50~~
						2925.50

OME

CORTEZ JOINT VENTURE
Goods Rec'd 8-18-66

NON OME

CORTEZ JOINT VENTURE
Goods Rec'd 8-18-66

SEP 2 1966
RECEIVED

CU10 0 TO 190 QUARTZITE
" 190 TO 236 WHITE DOLOMITE
" 236 TO 238 SOFT DILG
" 238 TO 280 GRAY DOLOMITE
"

FROM	TO	FOOTAGE	RATE	
0	-2	2	6.25	12.50
2	190	188	6.00	1128.00
190	200	10	5.00	50.00
200	280	80	5.25	420.00
				1610.50

Date September 22, 1966

In Account With

AMERICAN EXPLORATION & MINING CO.

23rd Floor, Russ Building
San Francisco 4, Cal.

FIXED UNIT COSTS AS DESCRIBED IN OME CONTRACT 2203		
JEEP RENTAL		
1,500 miles @ $0.15/mile		$ 225.00
OFFICE EXPENSE		
@ $100.00/month		100.00
ASSAY SAMPLES		
3 samples Au-Ag @ $3.00 each	$ 9.00	
Freight on 3 samples @ $0.10 ea	.30	
	$ 9.30	9.30
COMPRESSED AIR		
For core drilling 280 feet @ $0.60/ft.		168.00
		$ 502.30

OME CONTRACT 2203

SCHEDULE OF DAILY JEEP MILEAGE DURING JULY

	Jeep Mileage	
	Actual	Allowable
July 1	60	60
2	60	60
3	--	--
4	--	--
5	62	60
6	60	60
7	60	60
8	64	60
9	60	60
10	--	--
11	60	60
12	60	60
13	64	60
14	60	60
15	64	60
16	60	60
17	--	--
18	64	60
19	60	60
20	60	60
21	62	60
22	70	60
23	70	60
24	--	--
25	70	60
26	70	60
27	72	60
28	70	60
29	68	60
30	60	60
31	--	--
	1590	1500

Telephone 363-3302

Hand Sample Serial 39502

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

W. C. WANLASS, President
L. G. HALL, Vice President
G. P. WILLIAMS, Treasurer
LILY M. HOTTINGER, Secretary
P. O. Box 1528
Salt Lake City, Utah 84110

AUG 1 1966
RECEIVED

Mine American Exploration & Mining Co.
2300 Russ Building
San Francisco, California 94104

RESULTS PER TON OF 2000 POUNDS

July 28, 1966

NUMBER	GOLD Ozs. per Ton	SILVER Ozs. per Ton	LEAD Wet on Ore	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent
V-53											
11915 m	0.005	0.1									

CIRCULATE TO			
		✓	
JBB		✓	
WJC			
HG			
LRS			
* ACTION BY			

Remarks

Charges $ 3.00

Glen P. Williams

Telephone 363-3302

Hand Sample Serial 41355-41357

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

W. C. WANLASS, President
L. G. HALL, Vice President
G. P. WILLIAMS, Treasurer
LILY M. HOTTINGER, Secretary
P. O. Box 1528
Salt Lake City, Utah 84110

Mine American Exploration & Mining Co.
2300 Russ Building
San Francisco, California 94104

RESULTS PER TON OF 2000 POUNDS

Aug. 10, 1966

NUMBER	GOLD Ozs. per Ton	SILVER Ozs. per Ton	LEAD Wet on Ore	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent
										Mo	
V-53											
11930	0.010	None	RE								
11936	0.010	1.8	V53—O.M.E.								
11937	0.005	None									

CIRCULATE TO 120
✓
JBB ✓
WJC
HG ✓ (h)
LRS
ACTION BY

Remarks

Charges $ 14.00

Glen P. Williams

CORTEZ JOINT VENTURE-OME CONTRACT 14-23-090-2203
Shareable Personal Services (as abstracted from the payroll records of American Exploration & Mining Co.
For The Month of July

	SUPERVISION & TECHNICAL
Name	J.J. Oberbillig
Allowable Pay Rate Per OME Contract 2203	$ 800.00
Shareable Under OME Contract	341.48
Total Gross Wages	725.00
Federal W/H	85.40
FICA	30.46
Employee Benefit Plan	18.44
Net Wages	590.70

Date Sept. 22, 1966

In Account With

AMERICAN EXPLORATION & MINING CO.

23rd Floor, Russ Building
San Francisco 4, Cal.

Cardboard Core Boxes	
Warehouse withdrawal:	
218 boxes @ $1.00 each	$ 218.00

AMERICAN EXPLORATION & MINING CO.

CABLE ADDRESS: "DRAGA"
TELEPHONE EXBROOK 2-4992

23RD FLOOR RUSS BUILDING
SAN FRANCISCO, CALIF. 94104

September 6, 1966

CORTEZ JOINT VENTURE, NEVADA
O.M.E. PROGRESS REPORT
JULY, 1966

Exploration diamond drilling continued during the reporting period with the completion of DDH CU 10. This hole was drilled in the programmed position of S 10 W, -42°.

The hole was collared in quartzite which continued to the black shale-dolomite contact at 190 feet. Several minor shale inclusions and shale-banding were encountered within the quartzite. Bleached-limey-dolomite was present to a dike contact at 238 feet at 50°. Nineteen feet of dike with very minor quartz was noted to 257 feet. From 257 feet to the bottom of the hole, at 280 feet, gray dolomite was present.

Three samples of core were assayed in this drill hole but showed insignificant amounts of mineralization.

It is anticipated that holes CU 11 and CU 12 will be drilled during August, thus completing the underground drilling program.

Respectfully submitted,

J. J. Oberbillig
pp J. Birdwell

J. J. Oberbillig

JJO: jb

SEP 13 1966

SEP 13 1966

Drill Hole Log

COMPANY AMEX PROPERTY CORTEZ MINE Section No. HOLE No. CO 10

Started JULY 6, 1966	Bearing S 10° W	Lat. N 21, 202	Collar El. 6682.0	Logged by J.J. OBERBILLIG Date JULY 18, 1966
Completed JULY 26, 1966	Angle from Horiz. -42°	Dep. E 41, 108	Bottom El. 6494.0	Remarks
Driller E.J. LONGYEAR CO.	Length 280 FT.	Location SPECULATION M.S. 53	Level ARTIC	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
0	10	10	8.4	84		GRAY-WHITE VITREOUS QUARTZITE.				
10	20	10	9.5	95		" WITH MINOR IRON STAINING.				
20	25	5	5	100		" WITH MINOR ALTERED PINK CALCITE AT 23 FT.				
25	30	5	4.8	97		" ALTERED, IRON STAINS IN VUGS AT 29 FT. " SAME WITH MINOR QUARTZITE CRYSTALS.				
30	32	2	2	100		SAME				
32	40	8	7.8	98		DARK GRAY QUARTZITE - CONTACT AT 45°				
40	42	2	1.7	85		SAME				
42	43	1	1	100		" WITH 45° DARK BANDING				
43	44	1	1	100		GRAY TO BLACK HIGHLY ALTERED AND SILCIFIED SHALE (?). HEMATITE AND LIMONITE.				
44	47	3	3	100		" MOTTLED, IRREGULAR BANDING.				
47	48	1	1	100		SAME				
48	50	2	2	100		GRAY TO WHITE QUARTZITE IRON STAINING - MOTTLED IRREGULAR.				

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CU 10

Started	Bearing	Lat.	Collar El.	Logged by J. J. OBERBILLIG Date JULY 18, 1966
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY oz Au	ASSAY oz Ag	
50	60	10	9.8	98		SAME						
60	67	7	5.4	77		SAME						
67	69	2	2	100		" IRON STAINING ON FRACTURES AT 45°.						
69	70	1	1	100		WHITE TO GRAY MOTTLED QUARTZITE.						
70	73	3	3	100		WHITE QUARTZITE, MINOR IRON STAINING						
73	76	3	0.7	23		SAME - BROKEN.						
76	80	4	2.9	72		SAME GRAY 79-80 AT 35°.						
80	90	10	9.8	98		GRAY-WHITE QUARTZITE.						
90	92	2	2	100		SAME						
92	95	3	3	100		WHITE QUARTZITE WITH IRREGULAR SOFT BLACK BANDING	11915	92-94	2	.005	0.1	
95	97	2	2	100		GRAY-WHITE QUARTZITE, IRON STAININGS.						
97	100	3	3	100		" IRREGULAR BLACK VEINLETS.						

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CU10

Started	Bearing	Lat.	Collar El.	Logged by J. J. OBERBILLIG Date JULY 18, 1966
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
100	105	5	4.8	97		SAME				
105	106	1	1	100		GRAY GRANULAR QUARTZITE AT 35° GRADES INTO WHITE QUARTZITE.				
106	110	4	2.9	73		WHITE, GRAY QUARTZITE, IRON STAINED.				
110	115	5	2.4	48		SAME				
115	120	5	4.8	97		SAME. NO IRON STAINING.				
120	123	3	3.2	102		SAME				
123	124	1	0.8	80		GRAY QUARTZITE.				
124	130	6	6	100		SAME 2" VUG WITH HEMATITE STAINING AT 129 FT.				
130	135	5	4.8	97		GRAY-WHITE QUARTZITE, MINOR IRON STAINING.				
135	140	5	2.4	48		SAME MINOR INCLUSIONS OF BLACK SHALE.				
140	142.5	2.5	2.5	100		SAME				
142.5	150	7.5	8.3	111		BLACK GRANULAR, SHALE, QUARTZ GRAINS, WITH MINOR. LIMONITE-HEMATITE STAINING.				

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CU 10

Started	Bearing	Lat.	Collar El.	Logged by J. J. OBERBILLIG Date JULY 22, 1966
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
150	155	5	5	100		GRAY-WHITE MOTTLED SILICIFIED SHALE, GRADES INTO GRAY-WHITE QUARTZITE.				
155	160	5	3.8	76		GRAY-WHITE QUARTZITE, IRON STAINING, WITH IRREGULAR INCLUSION AND BANDING OF BLACK SHALE.				
160	163	3	3	100		SAME				
163	165	2	2	100		GRAY-WHITE VITREOUS QUARTZITE				
165	167	2	2	100		MINOR IRON STAINING WITH IRREGULAR BANDING OF BLACK STAINING.				
167	170	3	2.4	80		BLACK SHALE, BANDED AT 45°.				
170	175	5	5	100		SAME				
175	178	3	3	100		GRAY QUARTZITE WITH INCLUSIONS AND BANDING OF BLACK SHALE, MINOR IRON STAINING.				
178	180	2	2	100		BLACK SHALE.				
180	188	8	8.8	110		SAME				
188	190	2	2	100		SAME SLIGHT SANDING AT 190 FT.				
190	200	10	8.8	88		BLEACHED LIMEY DOLOMITE, CALCITE FILLED FRACTURES, IRON STAINED.				

FACE PRESS PRINT, ELKO, NEVADA

Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CU10

Started	Bearing	Lat.	Collar El.	Logged by J. J. OBERRILLIG Date AUG. 5, 1966
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY OZ. AU.	ASSAY OZ. AG.
200	206	6	5	83		SAME					
206	210	4	5	125		SAME, MINOR FRACTURING, IRON STAINED.					
210	220	10	10	100		SAME					
220	230	10	10	100		SAME					
230	235	5	5	100		SAME					
235	236	1	1	100		WHITE SILICIFIED DOLOMITE, QUARTZ, BANDING AT 45°.					
236	238	2	2	100		GRAY SILICIFIED DOLOMITE. IRON STAINING ALTERATION AT 238.5. CONTACT AT 238.5 AT 50° WITH GREEN STAINED DIKE (?).					
238	240	2	2	100		GRADING INTO MEDIUM GRAINED, BLACK AND WHITE DIKE, ABUNDANT ALTERED BIOTITE. CONSIDERABLE CALCITE IN MATRIX.	11936	238 - 245	7	0.010	1.8
240	244	4	4	100		SAME					
244	250	6	2.5	42		ALTERED, BROWN, DIKE, BIOTITE, BROKEN, CALCITE.					
							11937	245 - 257	12	.005	NONE

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Drill Hole Log

COMPANY | PROPERTY | Section No. | HOLE No. CU 10

Started	Bearing	Lat.	Collar El.	Logged by J. J. OBERBILLIG Date AUG. 8, 1966
Completed	Angle from Horiz.	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
250	254	4	2	50		SAME				
254	257	3	1.5	50		SAME - 1" QUARTZ VEIN AT 257 FT.				
257	260	3	1.8	60		SILICIFIED GRAY DOLOMITE, BROKEN.				
260	269	9	9.1	101		SAME				
269	270	1	1	100		SAME WITH IRREGULAR CALCITE MOTTLING. CALCITE FILLED FRACTURES.				
270	280	10	9.4	94		SAME				
						BOTTOM OF HOLE				
						AVERAGE RECOVERY: 81.4 %				

FREE PRESS PRINT, ELKO, NEVADA

Standard Form No. 65
November 1961
General Services Administration
FPMR (41 CFR) 101-11.6

U.S. Government Messenger Envelope

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
D. Bancroft Rm 5231	STOP		STOP
Mr Kirkemo 9d	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP

Use other side

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65-107

ONS FOR USE

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4. upply Room for Reissue

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
	STOP		STOP
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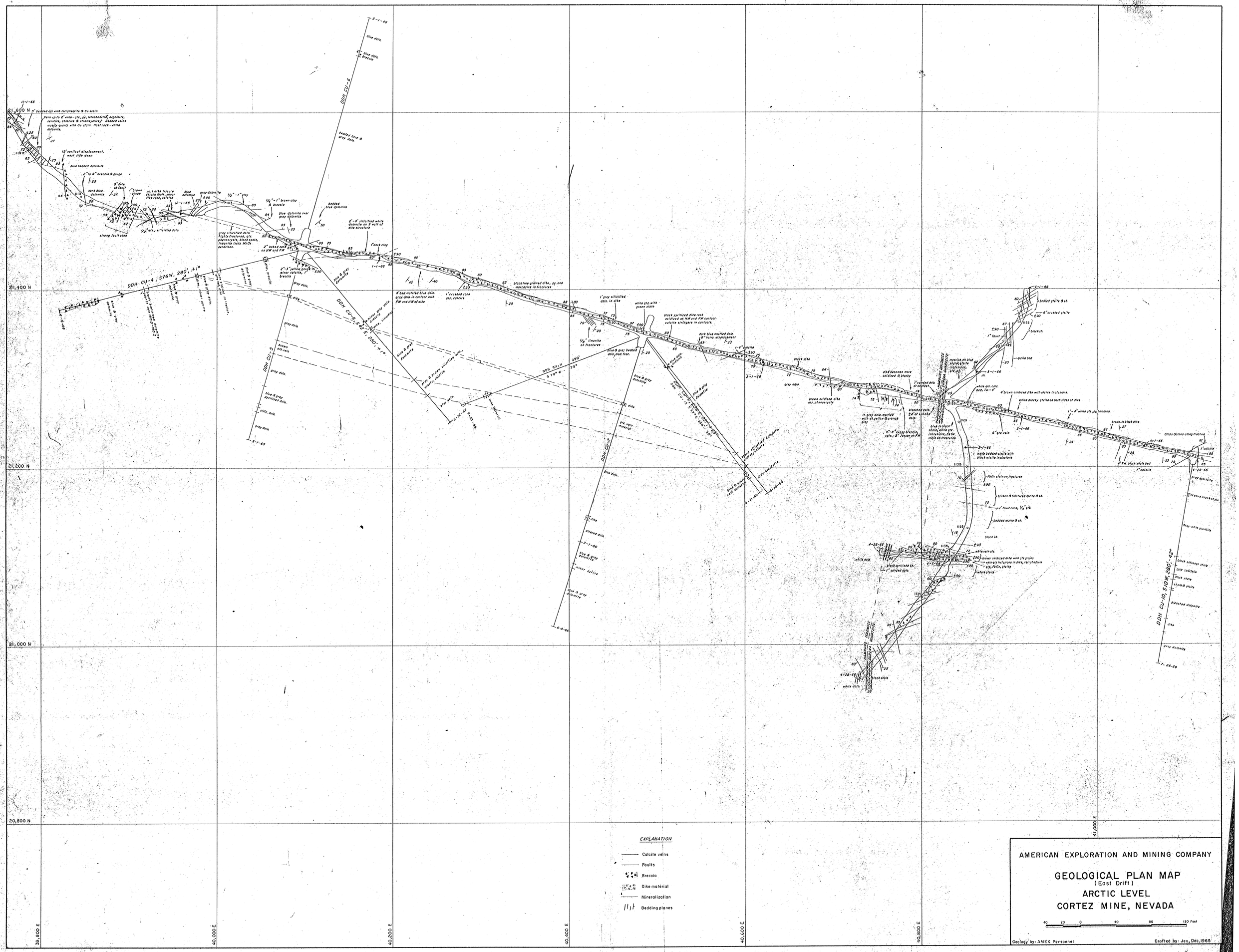
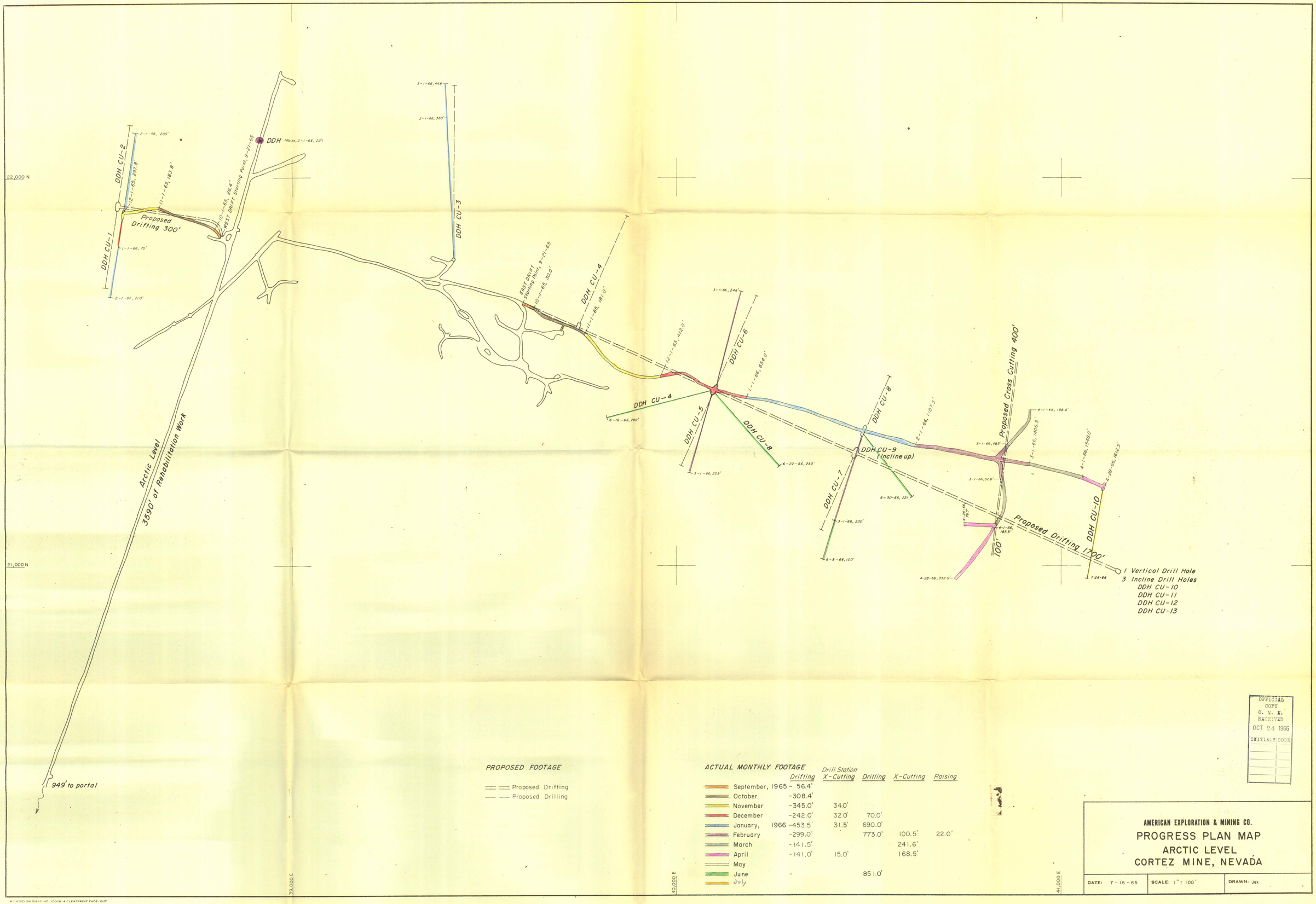
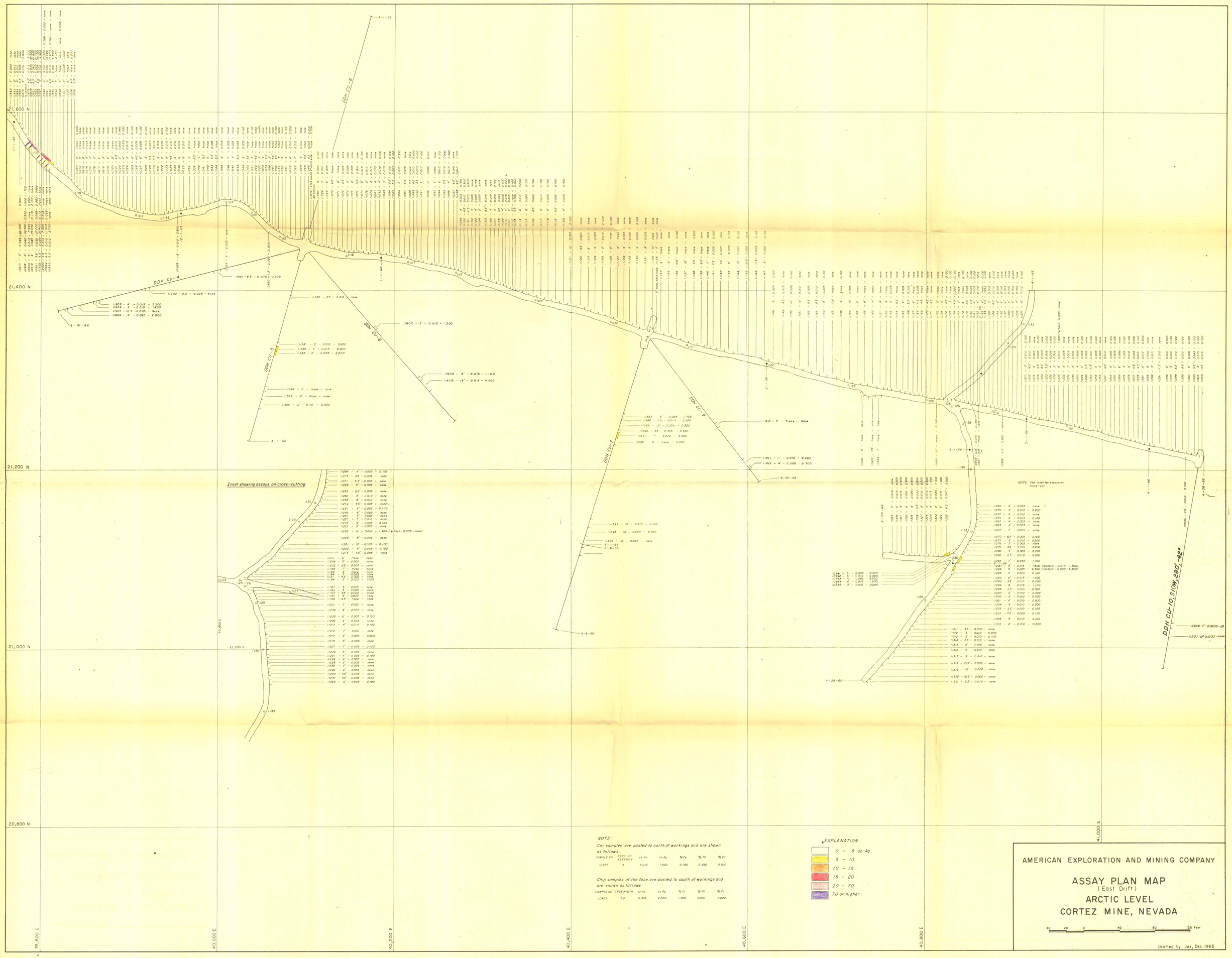
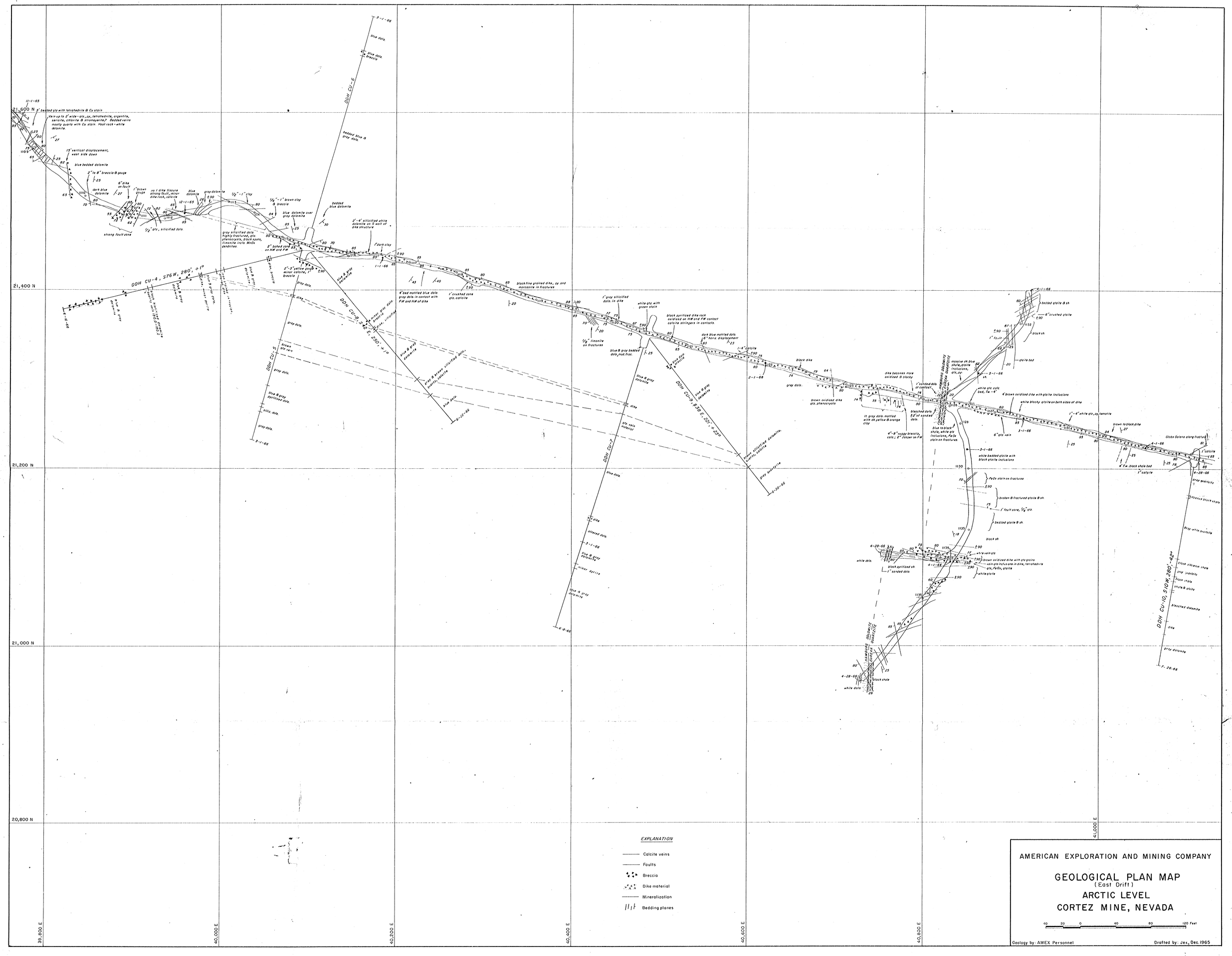
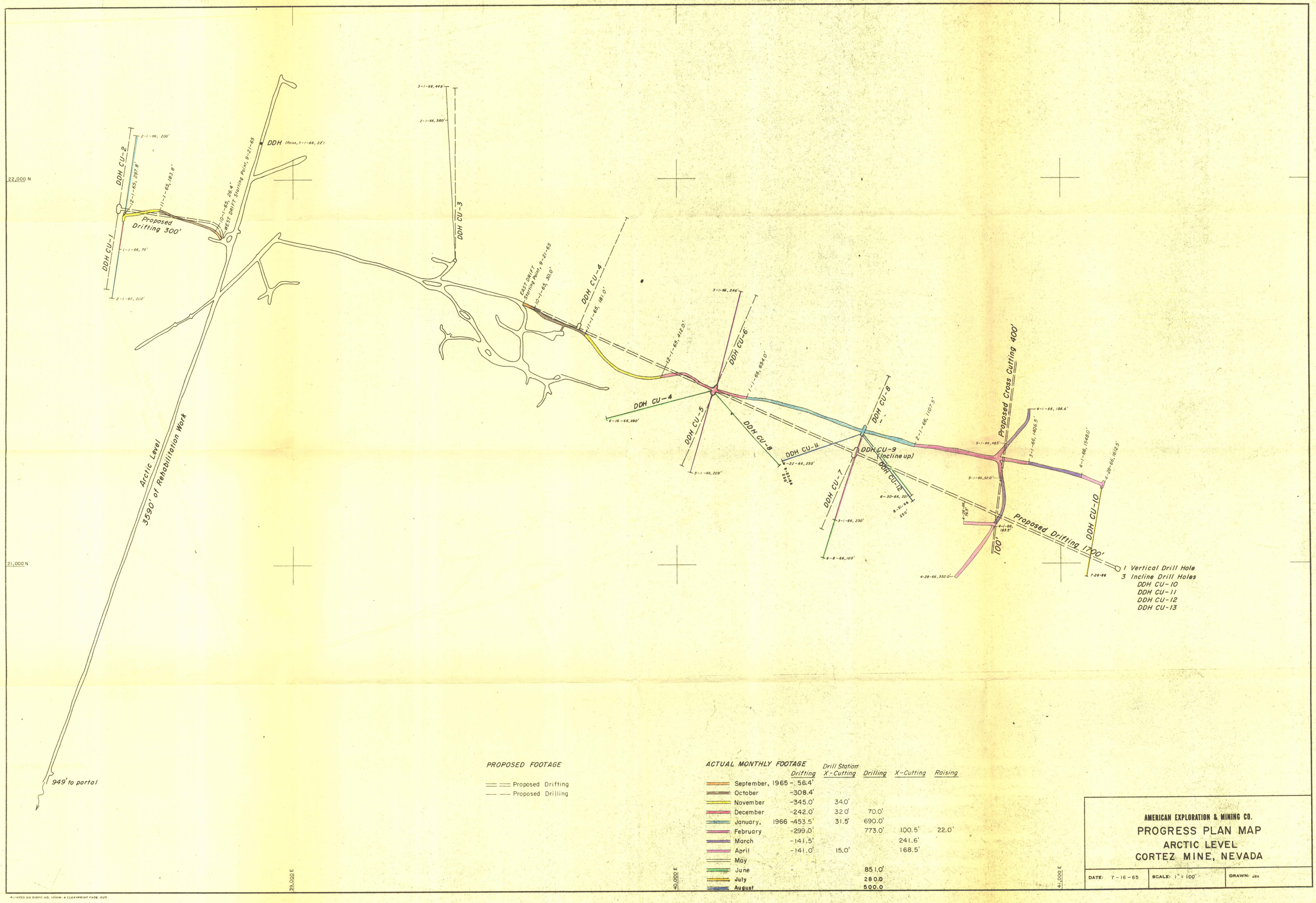
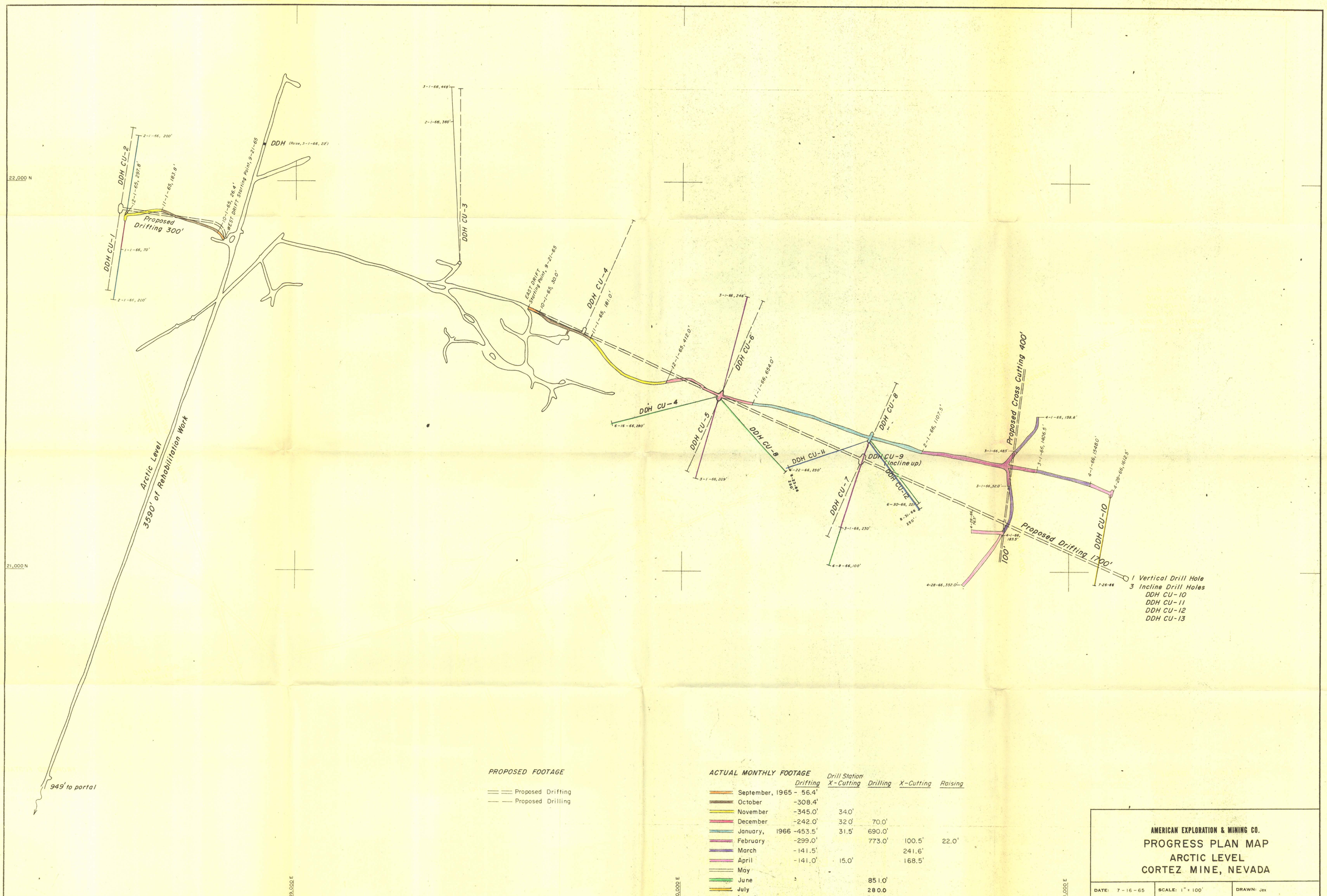

21,600 N
21,400 N
21,200 N
21,000 N
20,800 N
39,800 E
40,000 E
40,200 E
40,400 E
40,600 E
40,800 E
41,000 E
DDH CU-4, S76W, 280', +10
DDH CU-5
DDH CU-8, S72E, 250', +10
DDH CU-10, S10W, 280', -42°
EXPLANATION
Calcite veins
Faults
Breccia
Dike material
Mineralization
Bedding planes
AMERICAN EXPLORATION AND MINING COMPANY
GEOLOGICAL PLAN MAP
(East Drift)
ARCTIC LEVEL
CORTEZ MINE, NEVADA
40 20 0 40 80 120 Feet
Geology by: AMEX Personnel
Drafted by: Jex, Dec, 1965


22,000 N
21,000 N
39,000 E
40,000 E
41,000 E
DDH CU-1
DDH CU-2
DDH CU-3
DDH CU-4
DDH CU-5
DDH CU-6
DDH CU-7
DDH CU-8
DDH CU-9 (incline up)
DDH CU-10
DDH (Reuse, 3-1-66, 22')
Proposed Drifting 300'
WEST DRIFT Starting Point, 9-21-65
EAST DRIFT Starting Point, 9-21-65
Proposed Cross Cutting 400'
Proposed Drifting 1700'
Arctic Level
3590' of Rehabilitation Work
949' to portal
1 Vertical Drill Hole
3 Incline Drill Holes
DDH CU-10
DDH CU-11
DDH CU-12
DDH CU-13
PROPOSED FOOTAGE
Proposed Drifting
Proposed Drilling
ACTUAL MONTHLY FOOTAGE
Drill Station
Drifting
X-Cutting
Drilling
X-Cutting
Raising
September, 1965 - 56.4'
October -308.4'
November -345.0' 34.0'
December -242.0' 32.0' 70.0'
January, 1966 -453.5' 31.5' 690.0'
February -299.0' 773.0' 100.5' 22.0'
March -141.5' 241.6'
April -141.0' 15.0' 168.5'
May
June - 851.0'
July
OFFICIAL COPY O. M. R. RECEIVED OCT 24 1966
INITIALS CODE
AMERICAN EXPLORATION & MINING CO.
PROGRESS PLAN MAP
ARCTIC LEVEL
CORTEZ MINE, NEVADA
DATE: 7-16-65
SCALE: 1" = 100'
DRAWN: Jex
PRINTED ON DIEMO NO. 100CM-4 CLEARPRINT FADE-OUT


21,600 N
21,400 N
21,200 N
21,000 N
20,800 N
39,800 E
40,000 E
40,200 E
40,400 E
40,600 E
40,800 E
41,000 E
DDH CU-4
DDH CU-5
DDH CU-6
DDH CU-7
DDH CU-8
DDH CU-9
DDH CU-10, S10W, 28°, -42°
Inset showing assays on cross-cutting
NOTE: See inset for assays on cross-cut
NOTE:
Car samples are posted to north of workings and are shown as follows:
SAMPLE NO. | FEET OF ADVANCE | oz Au | oz Ag | %Cu | %Pb | %Zn
10801 | 5 | 0.010 | 1.000 | 0.100 | 0.200 | 0.010
Chip samples of the face are posted to south of workings and are shown as follows:
SAMPLE NO. | TRUE WIDTH | oz Au | oz Ag | %Cu | %Pb | %Zn
10901 | 3.6 | 0.010 | 2.000 | 1.000 | 0.010 | 0.020
EXPLANATION
0 - 5 oz. Ag
5 - 10
10 - 15
15 - 20
20 - 70
70 or higher
AMERICAN EXPLORATION AND MINING COMPANY
ASSAY PLAN MAP
(East Drift)
ARCTIC LEVEL
CORTEZ MINE, NEVADA
40 20 0 40 80 120 Feet
Drafted by Jex, Dec. 1965


21,600 N
21,400 N
21,200 N
21,000 N
20,800 N
39,800 E
40,000 E
40,200 E
40,400 E
40,600 E
40,800 E
41,000 E
DDH CU-4, 376W, 280', +1°
DDH CU-5
DDH CU-6
DDH CU-7
DDH CU-8, 512'E, 250', +1°
DDH CU-9, 938'E, 221', +23°
DDH CU-10, 510W, 280', -42°
11-1-65
15' vertical displacement, west side down
blue bedded dolomite
strong fault zone
bedded blue & gray dolomite
black line grained dike, py and marcasite in fractures
black pyritized dike rock oxidized on HW and FW contact calcite stringers in contacts.
white qtz. with green stain
dark blue mottled dolo. 6" horiz. displacement
black dike
gray dolo.
brown oxidized dike qtz. phenocrysts
dike becomes more oxidized & blocky
massive ok blue shale, qtzite inclusions, qtz, py
white qtz. calc. bed, 1'w.-4'
4' brown oxidized dike with qtzite inclusions
white blocky qtzite on both sides of dike
1"-6" white qtz, py, hematite
brown to black dike
Globs Galena along fracture
bedded qtzite & sh
6" crushed qtzite
qtzite bed
blue to black shale, white qtz inclusions, FeOx stain on fractures.
white bedded qtzite with black qtzite inclusions
FeOx stain on fractures
broken & fractured qtzite & sh.
1' fault zone, 1/2" qtz.
bedded qtzite & sh.
block sh
white vein qtz
brown oxidized dike with qtz veins
veinlets inclusions in dike, tetrahedrite
qtz, FeOx, qtzite
white qtzite
block pyritized sh.
1" sanded dolo.
white dolo.
HAMBURG DOLOMITE
EUREKA QUARTZITE
black shale
gray quartzite
bleached black shale
gray white rock shale
black silicious shale
gray quartzite
black shale
white & qtzite
bleached dolomite
dike
gray dolomite
7-26-66
EXPLANATION
Calcite veins
Faults
Breccia
Dike material
Mineralization
Bedding planes
AMERICAN EXPLORATION AND MINING COMPANY
GEOLOGICAL PLAN MAP
(East Drift)
ARCTIC LEVEL
CORTEZ MINE, NEVADA
40 20 0 40 80 120 Feet
Geology by: AMEX Personnel
Drafted by: Jex, Dec. 1965


22,000 N
21,000 N
39,000 E
40,000 E
41,000 E
DDH CU-1
DDH CU-2
DDH CU-3
DDH CU-4
DDH CU-5
DDH CU-6
DDH CU-7
DDH CU-8
DDH CU-9 (Incline up)
DDH CU-10
DDH CU-11
DDH CU-12
DDH (Raise, 3-1-66, 22')
Proposed Drifting 300'
WEST DRIFT Starting Point, 9-21-65
EAST DRIFT Starting Point, 9-21-65
Proposed Cross Cutting 400'
Proposed Drifting 1700'
Arctic Level
3590' of Rehabilitation Work
949' to portal
1 Vertical Drill Hole
3 Incline Drill Holes
DDH CU-10
DDH CU-11
DDH CU-12
DDH CU-13
PROPOSED FOOTAGE
Proposed Drifting
Proposed Drilling
ACTUAL MONTHLY FOOTAGE
Drill Station
Drifting
X-Cutting
Drilling
X-Cutting
Raising
September, 1965 -56.4'
October -308.4'
November -345.0' 34.0'
December -242.0' 32.0' 70.0'
January, 1966 -453.5' 31.5' 690.0'
February -299.0' 773.0' 100.5' 22.0'
March -141.5' 241.6'
April -141.0' 15.0' 168.5'
May
June - 851.0'
July 280.0
August 500.0
AMERICAN EXPLORATION & MINING CO.
PROGRESS PLAN MAP
ARCTIC LEVEL
CORTEZ MINE, NEVADA
DATE: 7-16-65
SCALE: 1" = 100'
DRAWN: Jex
PRINTED ON DIEPO NO. 1000H-4 CLEARPRINT FADE-OUT



ACTUAL MONTHLY FOOTAGE

	Drifting	Drill Station X-Cutting	Drilling	X-Cutting	Raising
September, 1965	- 56.4'				
October	-308.4'				
November	-345.0'	34.0'			
December	-242.0'	32.0'	70.0'		
January, 1966	-453.5'	31.5'	690.0'		
February	-299.0'		773.0'	100.5'	22.0'
March	-141.5'			241.6'	
April	-141.0'	15.0'		168.5'	
May					
June			851.0'		
July			280.0		
August			500.0		

AMERICAN EXPLORATION & MINING CO.

PROGRESS PLAN MAP
ARCTIC LEVEL
CORTEZ MINE, NEVADA

DATE: 7-16-65	SCALE: 1" = 100'	DRAWN: Jex

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