MME FORM 50
SEPT. 1959

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 DECEMBER 1965

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						
Drifting	10,527.00	30,885.00	41,412.00			
Crosscutting Drill Sta	1,363.20	1,448.40	2,811.60			
Drilling Core	350.88	-0-	350.88			
Mobilization	267.50	2,500.00	2,767.50			
Fixed Unit Costs	910.25	1,602.43	2,512.68			
(2) Personal Services:						
Supervision & Technical	708.86	1,228.51	1,937.37			
Outside Consultants						
Labor	476.52	866.40	1,342.92			
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
Cardboard Core Boxes	7.00	-0-	7.00			
(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%	213.37	377.09	590.46			
Employee's Liability Ins.						
TOTALS	14,824.58	38,907.83	53,732.41			

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

Date ~~Feb. 9, 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:

$ 11,118.44

Signature [signature] 14X0804
(Authorized Certifying Officer)

Date MAR 1 1966 Vou. No. 6526

(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 FEB. 15, 1966

Approved by OME Executive Officer or Alternate: OME REGION II

Signature [illegible] Title FIELD OFFICER Date FEB. 15, 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.

MME FORM 61
SEPT. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S PROGRESS REPORT For Month of DECEMBER, 1965 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	242	951.8	49,898.68	242	951.8	49,898.68
Crosscutting	600	32	66	2,811.60	32	66	2,811.60
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond	3400	70	70	1,022.13	70	70	1,022.13
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn							
Percussion							
Miscellaneous							
Roads and Trails							
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)*				53,732.41			53,732.41

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 Feb. 9, 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 FEB. 15, 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.

Ponderosa Development Company, Ltd.

WRITE TO:
BOX 4800-N
TUCSON, ARIZONA

OFFICE
6 NORTH TUCSON BOULEVARD

TELEPHONE
EAst 6-1114

January 3, 1966

JAN 5 1966
RECEIVED

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

STATEMENT

Cortez Joint Venture	Job # P-77-A	Statement # 6
Drift Advance; East	242 ft. at $43.50/ft.	$ 10,527.00
Drill Station; East	32 ft. at $42.60/ft.	1,363.20
1 long hole drilled; East left rib, Dec. 7th.	7 ft. at $ 1.00/ft.	7.00
	Total	$ 11,897.20

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

Cortez Joint Venture
OK 1-4-66 RSE
5319 G — $11,897.20
OME Charge - $11,890.~~00~~ 20

Thank you,

M.L.Tate, Gen. Mgr.

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

January 3, 1966

In regard to material for:

Cortez Joint Venture	Job # P-77-A	Statement # 6

Purchased from Idaho Bit and Steel, Boise	
Bits, Steel and Explosives, per invoices attached.	
Paid, check number N1159,11-20-65	$ 1,000.00
Paid, chack number N1218,12-23-65	1,623.55
Purchased from Humboldt Oil Co.,Elko	
Fuel, per Nov. st. dtd. 12-3-65	
Paid, check number N1206, 12-17-65	1,567.30

INVOICE

JAN 25 1966 JAN 17 1966
RECEIVED RECEIVED

E. J. LONGYEAR COMPANY

Diamond Core Drilling

Foundation Testing and Grouting Contractors

76 SOUTH 8TH STREET
MINNEAPOLIS, MINNESOTA 55402

DECEMBER 31, 1965

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

TERMS: PAYMENT DUE ON OR BEFORE
FEBRUARY 11

INVOICE NO. 126577

FORM 408

EXPLORATORY DRILLING CARRIED OUT DURING THE MONTH OF DECEMBER, 1965 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 DECEMBER, 1965 - 246 FEET.

HOLE NO.	SURFACE DRILLING	FROM	TO	FOOTAGE	RATE	AMOUNT
4	BXWL DIAMOND DRILLING	234.0	250.0	16.0	6.95	111.20
4	BXWL DIAMOND DRILLING	250.0	410.0	160.0	7.45	1,192.00
	UNDERGROUND DRILLING					
CU-1	BX DIAMOND DRILLING	0.0	3.5	3.5	5.25	18.38 ✓
CU-1	AX DIAMOND DRILLING	3.5	70.0	66.5	5.00	332.50 ✓
						1,654.08
	DEMOBILIZATION OF SURFACE RIG AND PERSONNEL					647.50
	MOBILIZATION OF UNDERGROUND RIG AND PERSONNEL					267.50 ✓
	MOBILIZATION OF AIR COMPRESSOR					440.00
	RENTAL OF COMPRESSOR - $735.00/MONTH - DECEMBER 10 - 31					514.50

DIAMOND WEAR AND SETTING CHARGE OF DIAMOND BITS

1059 FEET WERE DRILLED WHERE DIAMOND COSTS EXCEEDED $1.00 PER FOOT

BORTZ WEAR - 135.30 CARATS @ $11.25	1,522.13	
SETTING CHARGES	1,544.18	
TOTAL DIAMOND COSTS	3,066.31	
LESS $1.00/FT. (AS PER CONTRACT)	1,059.00	
INDICATED BIT COSTS	2,007.31	
LESS: 50% AS PER CONTRACT	1,003.66	
AMERICAN EXPLORATION PORTION OF BIT COSTS		*1,003.65

*DETAILED BIT CUTOUT REPORTS WILL BE FURNISHED UPON YOUR REQUEST

ADJUSTMENT ON INVOICE #116542

FOOTAGE WAS CHARGED AS NON-SILICEOUS MATERIAL - SHOULD HAVE BEEN CHARGED AS SILICEOUS MATERIAL

NXWL - 137 FEET	@	AN ADDITIONAL	1.70	232.90	
BXWL - 166 FEET	@	AN ADDITIONAL	1.70	282.20	
NXWL - 170 FEET	@	AN ADDITIONAL	1.70	289.00	
BXWL - 54 FEET	@	AN ADDITIONAL	1.45	78.30	882.40
					$5,400.63

CORTEZ JOINT VENTURE	
Goods Rec'd	1-24-66
Price OK	[illegible]

FEB 2 - 1966
RECEIVED

UNION ASSAY OFFICE, INC.

P. O. BOX 1528
SALT LAKE CITY 10, UTAH

CHARGE TO American Exploration & Mining Co.
23rd Floor Russ Bldg.
San Francisco, Calif.

DATE Jan. 31, 1966

DATE		NAME	LOT NUMBER		
		Project V-53			
Dec.	1	10893 to 10900, 10925, 11001 to 11011		71.50	
	1	10926, 10927, 11012 to 11028		57.00	
	7	10928, 11029 to 11040		39.00	
	16	10929, 11041 to 11050		33.00	
	28	11066 to 11076		33.00	
	30	10930, 11051 to 11065		48.00	
					$281.50

To insure proper credit please return one copy with payment

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 December, 1965

	SUPERVISION AND TECHNICAL	LABOR
Name	R. Garwood	B.D. Caldwell
Allowable pay rate per OME Contract 2203	$800/mo	21.66 day
Shareable under OME Contract	708.86	476.52
Total Gross Wages	950.00	696.00
Employee Benefit Plan	19.10	
Federal W/H	100.40	66.80
Net Wages	830.50	629.20

DJMcL:mb
2-9-66

Date February 9, 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 (Schedule Attached)	1,560 miles @ $0.15/mi	234.00
WATER TRUCK RENTAL	979 miles @ $0.25/mi	244.75
OFFICE EXPENSE	@ $100.00/month	100.00
ASSAY SAMPLES (Invoice Attached)		
90 samples @ $3.00	270.00	
6 samples @ $1.75	10.50	
	280.50	
Freight on 90 Assays @ 10¢ ea	9.00	289.50
COMPRESSED AIR FOR CORE DRILLING	70 ft. @ $0.60/ft.	42.00
		$910.25

OME CONTRACT 2203

SCHEDULE OF DAILY JEEP MILEAGE DURING DECEMBER, 1965.

		Total Jeep Miles	Allowable Jeep Miles
December	1	105	60
	2	88	60
	3	103	60
	4	86	60
	5	98	60
	6	100	60
	7	96	60
	8	89	60
	9	96	60
	10	106	60
	11	91	60
	13	86	60
	14	90	60
	15	88	60
	16	101	60
	17	88	60
	18	92	60
	20	93	60
	21	91	60
	22	93	60
	23	99	60
	27	92	60
	28	91	60
	29	97	60
	30	91	60
	31	101	60
		2451	1560

JAN 27 1966
RECEIVED

AMERICAN EXPLORATION & MINING CO.

CABLE ADDRESS: "DRAGA"
TELEPHONE EXBROOK 2-4992

23RD FLOOR RUSS BUILDING
SAN FRANCISCO, CALIF. 94104

January 24, 1966

CORTEZ JOINT VENTURE, NEVADA
OME PROGRESS REPORT
December, 1965

Docket No. OME 6436

Contract No. 14-23-090-2203

Drifting continued in the east heading, drill stations for holes 5 and 6 were completed and underground horizontal diamond drilling was started.

Drifting continued in the east heading with 242 feet of drift and 32 feet of drill station crosscut completed for the month. This work gives a total advance completed of 952 (rounded) feet of drift and 66 feet of drill station crosscut. The No. 1 dike fissure was intersected south of its projection and was only a fault structure without dike material. As a result, the working was driven north to the projected position of the structure and then turned to intersect the No. 1 dike fissure. As the enclosed map shows, the No. 1 dike was again intersected and has been followed to date. No ore was encountered during the month; mineralization is mostly thin quartz and calcite stringers in gray silicified dolomite. No timber was required for ground support during the month.

Underground drilling was delayed as a bevel gear for the small drill was lost for 10 days in the mail. Longyear started drilling the last three days of the month on hole CU-1 and by month's end had completed drilling of 70 feet of hole. All drilling was in blue dolomite with thin white dolomite and calcite stringers. No ore, or intense alteration, was observed in the core. Core recovery is excellent.

Enclosed are geologic maps of the work completed, assay plan maps showing assay results and a progress map of work completed through January. Also enclosed is the drill log for hole CU-1. These enclosures are part of the above report.

Respectfully submitted,

R. G. Garwood
Project Supervisor

RGG:hg

Encls.

JAN 18 1966
RECEIVED

Drill Hole Log

COMPANY AMEX PROPERTY CORTEZ MINE Section No. HOLE No. CU-1

Started 12-28-65	Bearing S 8° W	Lat. 21,897.0	Collar El. 6680.8	Logged by J.J. OBERBILLIG Date 1-3-66
Completed 1-4-66	Angle from Horiz. +2°	Dep. 38,567.5	Bottom El.	Remarks
Driller E. J. LONGYEAR CO	Length 200.0	Location EXCELSIOR M.S. 46A WEST HEADING	Level ARCTIC	INSUFFICIENT MINERALIZATION TO WARRANT SAMPLING

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
0	3.5	3.5	3.5	100		BX-WL BLUE DOLOMITE WITH CALCITE VEINLETS. MINOR BROWN STAINING (FeOx)				
3.5	5	1.5	1.2	80		MINOR BLUE DOLOMITE WITH CALCITE CEMENTED BRECCIA.				
5	10	5	4.1	82		DITTO AX-WL - SERIES 10				
10	13	3	3	100		BLUE DOLOMITE WITH CALCITE VEINS UP TO 1/4 INCH				
13	18	5	4.3	86		DITTO				
18	20	2	2	100		DITTO				
20	23	3	3	100		DITTO				
23	28	5	4.6	92		DITTO				
28	30	2	2	100		DITTO				
30	33	3	3	100		DITTO				
33	38	5	5	100		DITTO				
38	40	2	2	100		DITTO				
40	49	9	8.6	95		DITTO				
49	50	1	1	100		DITTO				

FREE PRESS PRINT, ELKO, NEVADA

Drill Hole Log

COMPANY AMEX **PROPERTY** CORTEZ MINE **Section No.** **HOLE No.** CU-1

Started	**Bearing**	**Lat.**	**Collar El.**	**Logged by** J. J. OBERBILLIG **Date** 1-3-66
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
50.0	58.5	8.5	8.5	100		BLUE DOLOMITE WITH CALCITE VEINLETS				
58.5	60.0	1.5	1.5	100		DITTO				
60.0	65.0	5.0	5.0	100		DITTO				
65.0	70.0	5.0	5.0	100		DITTO				
70.0	75.0	5.0	5.0	100		DITTO WITH IRREGULAR CALCITE INCLUSIONS				
75.0	80.0	5.0	5.0	100		BLUE DOLOMITE WITH CALCITE VEINS				
80.0	85.0	5.0	4.8	96		DITTO				
85.0	90.0	5.0	4.9	98		DITTO				
90.0	95.0	5.0	5.0	100		DITTO				
95.0	100.0	5.0	4.6	92		GRAY DOLOMITE WITH CALCITE VEINLETS				

FREE PRESS PRINT, ELKO, NEVADA

Drill Hole Log

COMPANY AMEX PROPERTY CORTEZ MINE Section No. HOLE No. CW-1

Started	Bearing	Lat.	Collar El.	Logged by J. J. OBERBILLIG Date 1-3-66
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	4.6	92		BLUE DOLOMITE WITH IRREGULAR CALCITE VEINLETS				
105	110	5	4.7	94		DITTO				
110	115	5	4.8	96		DITTO WITH MINOR BRECCIA AND CALCITE CEMENT FROM 110 TO 112				
115	120	5	5.0	100		BLUE DOLOMITE WITH IRREGULAR CALCITE VEINLETS				
120	125	5	4.7	94		BLUE-GRAY DOLOMITE WITH IRREGULAR CALCITE VEINLETS				
125	130	5	4.6	92		DITTO				
130	135	5	4.8	96		DITTO				
135	140	5	5	100		DITTO				
140	145	5	5	100		DITTO				
145	150	5	5	100		BLUE DOLOMITE WITH IRREGULAR CALCITE VEINLETS				

FREE PRESS PRINT, ELKO, NEVADA

Drill Hole Log

COMPANY AMEX PROPERTY CORTEZ MINE Section No. HOLE No. CU-1

Started	Bearing	Lat.	Collar El.	Logged by J. J. OBERBILLIG Date 1-3-66
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		BLUE-GRAY DOLOMITE WITH IRREGULAR CALCITE VEINLETS				
155.0	160	5	5	100		DITTO				
160	165	5	4.9	98		DITTO				
165	170	5	5	100		BLUE DOLOMITE WITH IRREGULAR CALCITE VEINLETS				
170	175	5	5.	100		DITTO				
175	180	5	4.6	92		DITTO				
180	185	5	4.9	98		DITTO				
185	190	5	5.	100		DITTO WITH MOTTELING AT 189				
190	195	5	4.5	90		BLUE-GRAY DOLOMITE WITH IRREGULAR CALCITE VEINLETS MINOR BROWN STAINING AT 192.0				
195	200	5	4.7	94		DITTO - END OF HOLE				
0	200	200	193.4	97						

FREE PRESS PRINT, ELKO, NEVADA

Telephone 363-3302

Sample Serial 15499-15511

ASSAY REPORT JAN 27 1966

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

Dec. 7, 1965

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											
10928	0.010	0.8									
11029	0.010	0.1									
11030	0.010	None									
11031	0.010	None									
11032	0.010	None									
11033	0.010	0.1									
11034	0.010	None									
11035	0.010	None									
11036	0.010	None									
11037	0.010	None									
11038	0.010	None									
11309	Trace	None									
11040	Trace	None									

Remarks

Charges $ 39.00

Glen P. Williams

Telephone 363-3302

Hand Sample Serial 16296-16306

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

JAN 27 1966
RECEIVED

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

RESULTS PER TON OF 2000 POUNDS

Dec. 16, 1965

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											
10929	0.005	None									
11041	Trace	None									
11042	Trace	None									
11043	0.005	None									
11044	Trace	None									
11045	0.005	None									
11046	0.005	None									
11047	0.005	None									
11048	0.005	None									
11049	0.005	0.1									
11050	Trace	None									

Remarks

Charges $ 33.00

Glen P. Williams

JAN 27 1966

Telephone 363-3302

Sample Serial 17380-17395

ASSAY REPORT

RECEIVED

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

RESULTS PER TON OF 2000 POUNDS

Dec. 30, 1965

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											
10930	0.080	2.5									
11051	Trace	0.1									
11052	Trace	None									
11053	Trace	None									
11054	Trace	None									
11055	Trace	None									
11056	Trace	None									
11057	Trace	None									
11058	Trace	0.1									
11059	Trace	None									
11060	Trace	None									
11061	0.010	0.1									
11062	0.010	0.3									
11063	0.015	None									
11064	0.010	None									
11065	Trace	None									

Remarks

Charges $ 48.00

W. C. Wanlass

Telephone 363-3302

Hand Sample Serial 17145-17155

ASSAY REPORT JAN 27 1966

UNION ASSAY OFFICE, Inc.

RECEIVED

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

RESULTS PER TON OF 2000 POUNDS

Dec. 28, 1965

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											
11066	0.005	0.2									
11067	0.005	0.1									
11068	0.010	None									
11069	0.005	None									
11070	Trace	None									
11071	Trace	None									
11072	0.005	None									
11073	0.005	None									
11074	Trace	0.2									
11075	0.005	None									
11076	0.010	None									

Remarks

Charges $ 33.00

W. C. Wanlass

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Memorandum

February 15, 1966

OFFICIAL COPY
O. M. E.
RECEIVED
FEB 18 1966

INITIALS	CODE
Jy	110
	120
	130

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

Enclosed are the December 1965 vouchers and monthly report for the subject contract.

Included with the voucher is a breakdown in miles per day for Jeep use, as requested in your memo of December 2, 1965. The Jeep is owned by the operator, and, as you can see, the mileage actually used is far in excess of what is charged to the OME contract. This extra mileage is used by the other supervisor (not charged for under the OME contract) during the night shifts. The OME work is being done on a 3-shifts-per-day basis at the present time.

The Ponderosa Development Company is continuing with the mining contract and no decision has been reached, as yet, concerning a request for an amendment to allow the operator to do the work itself.

Hold copy better advisable being made.

H. K. Stager

Enclosures

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	
Mr. Brille USGS Budget & Finance 5420 - Interior	STOP		STOP
Joe Dixson Rm. 304, Washington Bldg. Arlington Towers (Water Res. Division)	STOP		STOP
~~Geo. Cohee~~	STOP		STOP
~~Wm. Kinney~~	STOP		STOP
~~Mr. Kilsgaard~~ ~~4335 18th Bldg.~~	STOP		STOP
H. Kirkema 4450 . Interior	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

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

Use other side first

MME FORM 66
SEPT. 1959

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 NOVEMBER 1965

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						
Drifting	15,007.50	15,877.50	30,885.00	15,007.50	15,877.50	30,885.00
Crosscutting Drill Sta.	1,448.40	-0-	1,448.40	1,448.40	0	1,448.40
Drilling						
Mobilization		2,500.00	2,500.00	0	2,500.00	2,500.00
Fixed Unit Costs	842.15	760.28	1,602.43	842.15	760.28	1,602.43
(2) Personal Services:						
Supervision & Technical	591.86	636.65	1,228.51	591.86	636.65	1,228.51
Outside Consultants						
Labor	303.24	563.16	866.40	303.24	563.16	866.40
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
(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%	161.12	215.97	377.09	161.12	215.97	377.09
Employee's Liability Ins.						
TOTALS	18,354.27	20,553.56	38,907.83	18,354.27	20,553.56	38,907.83

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

Date 1/3/66 *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:

$ 13,765.70

Signature [signature] 14X0804
(Authorized Certifying Officer)

Date JAN 26 1966 Vou. No. 5697

(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 JANUARY 18, 1966

Approved by OME Executive Officer or Alternate: OME REGION II

Signature H B Stager Title FIELD OFFICER Date JANUARY 18, 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.

MME FORM 61
SEPT. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S PROGRESS REPORT For Month of NOVEMBER 1965 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	345	709.8	37,459.43	345	709.8	37,459.43
Crosscutting	600	34	34	1,448.40	34	34	1,448.40
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond							
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn							
Percussion							
Miscellaneous							
Roads and Trails							
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)*				38,907.83			38,907.83

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 1/3/66 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 JANUARY 18, 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.

Ponderosa Development Company, Ltd.

WRITE TO:
BOX 4800-N
TUCSON, ARIZONA

OFFICE
6 NORTH TUCSON BOULEVARD

TELEPHONE
EAST 6-1114

December 2, 1965

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

STATEMENT

Cortez Joint Venture — Job # P-77-A — Statement # 5

Drift Advance; West 114.0 ft. at $43.50/ft.	=	$ 4,959.00 ✓
Drift Advance; East 231.0 ft. at $43.50/ft.	=	10,048.50 ✓
1 long hole drilled, West heading, 18 ft. at $1.00/ft.	=	18.00
Extra Excavation; West heading, slab 24 cu.ft. at $1.00/cu.ft.	=	24.00
Rehabilitation, North; 275 ft. at $5.80/ft.	=	1,595.00
Drill Station, West; 19 ft. at $42.60/ft.	=	809.40 ✓
Drill Station, East; 15 ft. at $42.60/ft.	=	639.00 ✓
Total	=	$ 18,092.90

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, General Manager.

OK 12-7-65
R.S.G.

Date December 28, 1965

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	25 days @ 9.00/day	225.00
WATER TRUCK RENTAL	810 miles @ .25/mile	202.50
OFFICE EXPENSE	100.00/month	100.00
ASSAY SAMPLES (Invoices Attached)		
Union Assay (#10828-10849, 10906-10914, 10850-10866, 10867-10871, 10873-10878, 10915-10918, 10872, 10879-10892, 10919-10924)		
84 @ 3.00 each	252.00	
31 at $1.75 each	54.25	
Freight on Assays at .10	8.40	314.65
		842.15

DEC 7 - 1965

REC

UNION ASSAY OFFICE, INC.

P. O. BOX 1528
SALT LAKE CITY 10, UTAH

CHARGE TO American Exploration & Mining Co.
2300 Russ Bldg.
San Francisco, Calif.

DATE Nov. 30, 1965

DATE		NAME	LOT NUMBER				
		Project V-53					
Nov.	3	10828 to 10849, 10906	to 10914	93.00			
	15	10850 to 10866		51.00			
	15	10867 to 10871, 10873 to 10878, 10915 to 10918		52.75			
	19	10872, 10879 to 10892, 10919 to 10924		114.75			
		O.K. SB				$311.50	
		5310					

To insure proper credit please return one copy with payment

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 November 1965

	SUPERVISION AND TECHNICAL	LABOR
Name	Robert Garwood	Billy Caldwell
Allowable pay rate per OME Contract 2203	800.00/mo.	21.66/day
Shareable under OME Contract	591.86	303.24
Non-Shareable under OME Contract		
Total Gross Wages	950.00	736.50
Benefit Plan	19.10	
Federal W/H	100.40	72.40
Net Wages	830.50	664.10

DJMcL:mb
12-28-65

AMERICAN EXPLORATION & MINING CO.

CABLE ADDRESS: "DRAGA"
TELEPHONE EXBROOK 2-4992

23RD FLOOR RUSS BUILDING
SAN FRANCISCO, CALIF. 94104

December 8, 1965

CORTEZ JOINT VENTURE, NEVADA
O.M.E. PROGRESS REPORT
November, 1965

Docket No. O.M.E. 6436 Contract No. 14-23-090-2203

Drifting was completed in the west heading and continued in the east heading. In addition, drill station crosscuts for drill holes 1, 2 and 4 were completed. A small pocket of ore 36 feet long, 6 feet wide averaging 25.59 oz Ag was encountered in the east heading. No diamond drilling was done during the month.

Drift advance was completed in the west heading with the extension of the drift from 183.8 feet to 297.8 feet. In addition, 19 feet of drill station crosscut were completed with the excavation of stations for holes 1 and 2. The No. 1 dike fissure was displaced to the left by faulting, but the working was turned and the dike located. No mineralization was encountered in the west heading.

The east heading was extended 231.0 feet from 181.0 to 412.0 feet. In addition, a 15 foot drill station crosscut was excavated for hole No. 4. This heading was turned southeast at Tag 1106 to follow an offshoot of the No. 1 dike fissure. At 37 feet southeast of Tag 1106, a mineralized zone 40 feet long consisting of vein and bedding mineralization was encountered. Using 15 oz Ag as a cutoff grade, the car samples average 36 feet long, 6 feet wide of 25.59 Oz Ag and .023 oz Au. One face chip sample 6 feet wide assayed better than 90 oz Ag. After the mineralization was penetrated, a gradual left turn was started in the drift to intersect the No. 1 dike fissure. Near Tag 1111, a 20 foot wide northeast structure was encountered which was a highly brecciated dolomite with calcite and silica cement. This northeast zone is of note as gold assay values are several times higher than normal. Assays of 0.06 oz Au and about .5 Oz Ag are reported from this zone.

It is expected that underground diamond drilling will commence in December, 1965.

Enclosed are geologic sketches of the work completed, assay plan maps showing all assay results received to date, and a progress map showing progress to date. These enclosures are part of the above report.

Respectfully submitted,

R. G. Garwood pp J. Bridwell

R. G. Garwood - Project Supervisor

RGG: hg: jb

Telephone 363-3302

Sample Serial 13004-13018

ASSAY REPORT DEC 9 - 1965

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

Nov. 15, 1965

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											
✓ 10867	0.010	None									
✓ 10868	0.005	None									
✓ 10869	0.005	None									
✓ 10870	0.010	0.6									
✓ 10871	0.010	None									
10873	0.010	0.3									
✓ 10874	0.010	None									
✓ 10875	0.010	None									
✓ 10876	0.015	3.2									
✓ 10877	0.010	None									
✓ 10878	0.035	53.5									
✓ 10915	0.020	0.8									
✓ 10916	0.010	None									
✓ 10917	0.045	66.2	0.6								
✓ 10918	0.045	96.5	1.9	0.352		1.7					

Remarks Samples 10873 and 10915 included in shipment.

Charges $ 52.75

W. C. Wanlass

DEC 9 - 1965

Telephone 363-3302

Sample Serial 12987-13003

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

RESULTS PER TON OF 2000 POUNDS

Nov. 15, 1965

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											
10850	0.015	0.1									
10851	0.010	None									
10852	0.010	None									
10853	0.010	0.1									
10854	0.010	None									
10855	0.010	None									
10856	0.005	None									
10857	0.010	None									
10858	0.005	None									
10859	0.010	None									
10860	0.005	None									
10861	0.010	None									
10862	0.010	None									
10863	0.015	None									
10864	0.010	None									
10865	0.010	None									
10866	0.005	None									

Remarks Sample 10849 missing from shipment.

Charges $ 51.00

W. C. Wanlass

Telephone EMpire 3-3302

Hand Sample Serial 11965-11995

NOV 5 - 1965

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
W. C. WANLASS, Vice-Pres. & Treas.
LILY M. HOTTINGER, Secretary
P. O. Box 1528
Salt Lake City 10, Utah

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

RESULTS PER TON OF 2000 POUNDS

Nov. 3, 1965

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											
10828	0.005	None									
10829	0.005	0.7									
10830	0.010	0.7									
10831	0.010	None									
10832	0.005	None									
10833	0.010	0.9									
10834	0.010	0.1									
10835	0.010	1.0									
10836	0.010	0.7									
10837	0.010	None									
10838	0.005	None									
10839	0.010	0.1									
10840	0.005	None									
10841	0.015	0.5									
10842	0.010	0.1									
10843	0.030	0.3									
10844	0.010	None									
10845	0.010	0.1									
10846	0.010	None									
10847	0.010	0.2									
10848	0.010	None									
10849	0.005	None									
10906	0.015	1.3									
10907	0.020	1.7									
10908	0.005	None									
10909	0.010	0.7									
10910	0.010	None									
10911	0.015	1.2									
10912	0.005	0.1									
10913	0.010	None									
10914	0.255	0.05									

Remarks ✓

Charges $ 93.00

Glen P. Williams

Telephone EMpire 3-3302

Hand Sample Serial 13566-13606

DEC 9 - 1965

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
W. C. WANLASS, Vice-Pres. & Treas.
LILY M. HOTTINGER, Secretary
P. O. Box 1528
Salt Lake City 10, Utah

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

RESULTS PER TON OF 2000 POUNDS

Nov. 19, 1965

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											
10872	0.010	0.1									
10879	0.005	0.1									
10880	0.005	None									
10881	0.040	41.65									
10882	0.005	None									
10883	0.020	21.7									
10884	0.005	None									
10885	0.025	30.1									
10886	0.005	0.4									
10887	0.010	4.9									
10888	0.020	20.5	0.2	0.088		None					
10889	Trace	None									
10890	0.005	0.1	0.1	None		None					
10891	0.020	15.5									
10892	0.015	17.9	None	0.081		None					
10919	0.045	75.65	2.1	0.119		Trace					
10920	0.015	7.9	0.25	None		Trace					
10921	0.020	27.0	0.35	0.069		0.6					
10922	0.020	27.4	Trace	0.113		None					
10923	0.010	7.4	None	0.018		None					
10924	0.010	11.5	Trace	0.025		None					

Remarks.....

Charges $ 114.75

W. C. Wanlass

maps - Operator's November 1965
voucher

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

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, ADDRESS, A	ORGANIZATIONAL
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en. Reg. No. 27

65-105

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[illegible]	STOP		STOP
3	STOP		STOP
23	STOP		STOP
George C. Selfridge Office of Minerals Exp. Rm. 4459, Interior	STOP		STOP
	STOP		STOP
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Use STOP only when messenger service between Government buildings in Washington, D. C., is required or wherever a STOP system is used.
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MME FORM 60
SEPT. 1959

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 OCTOBER, 1965

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

P. Cal 800 120 M

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						
Drifting	13,424.10	2,453.40	15,877.50			
Crosscutting						
Drilling						
Fixed unit costs	625.95	134.33	760.28			
Mobilization		2,500.00	2,500.00			
(2) Personal Services:						
Supervision & Technical	484.65	152.00	636.65			
Outside Consultants						
Labor	563.16	-0-	563.16			
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
(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%	188.61	27.36	215.97			
Employee's Liability Ins.						
TOTALS	15,286.47	5,267.09	20,553.56			

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

Date Dec. 7 1965 *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

Corrected a. gibson 1-26-66 Cal P.

$ 11,464.[illegible]

14X0804

Signature [signature] (Authorized Certifying Officer)

Date DEC 16 1965 Vou. No. 4484

(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 Paul D. Fillo Title Field Officer Date Dec. 1, 1965

Approved by OME Executive Officer or Alternate: OME Reg. II

Signature Paul D. Fillo Title Field Officer Date Dec. 1, 1965

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.

057924

MME FORM 61
SEPT. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S PROGRESS REPORT For Month of OCTOBER, 1965 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	2140	308.4	364.8	20,553.56	308.4	364.8	20,553.56
Crosscutting							
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond							
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn							
Percussion							
Miscellaneous							
Roads and Trails							
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)*				20,553.56			20,553.56

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 Dec. 7, 1965 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 Paul V. Fill

Title Field Officer

Government Representative

OME Region II

Date Dec. 1, 1965

(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.

NOV 8 - 1965

Ponderosa Development Company, Ltd.

RECEIVED

NEVADA DIVISION

CRESCENT VALLEY STATION Via BEOWAWE, NEVADA

November 2, 1965

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

STATEMENT

Cortez Joint Venture — Job # P-77-A — Statement # 4

Drift Advance; West 157.6 ft. at $43.50/ft.	=	$ 6855.60
Drift Advance; East 151.0 ft. at $43.50/ft.	=	6568.50
		13424.10
1 long hole drilled, West heading, 18ft. at $1.00/ft.	=	18.00
Extra Excavation; West heading, slab left rib, 64 cu.ft. at $1.00/cu.ft.	=	64.00
Total		$13,506.10

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 74
Crescent Valley Station
Beowawe, Nevada

CORTEZ JOINT VENTURE		
Goods Rec'd	11-5-65	
Price OK	RCS	
Code #	Amount	
5319 G	13,506	10

OME Charge - 13,424.10

Thank you,

M.L.Tate

M.L.Tate, General Manager

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

CORTEZ JOINT VENTURE

Date November 30, 1965

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	26 days at $9.00/day ?		$ 234.00
Water Truck Rental	764 miles at $.25/mile		191.00
Office Expense	$100.00/month		100.00
Assay Samples	(Invoices Attached)		
Union Assay	(#10801-10827 and #10901-10905)		
	32 at $3.00 each	96.00	
	#10901 for lead @ $1.75	1.75	
	Freight on assays @ .10 each	3.20	100.95
			$ 625.95

UNION ASSAY OFFICE, INC.

NOV 5 - 1965
RECEIVED

P. O. BOX 1528
SALT LAKE CITY 10, UTAH

CHARGE TO American Exploration & Mining Co.
23rd Floor Russ Building
San Francisco, Calif.

DATE Oct. 29, 1965

DATE		NAME	LOT NUMBER				
		Project V-53					
Oct.	7	10801 to 10810, 10901		35.00			
✓	22	10811 to 10827, 10902	to 10905	63.00			
						$98.00	

OK.
JFS
53.10 G

To insure proper credit please return one copy with payment

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 October 1965

	SUPERVISION AND TECHNICAL	LABOR
Name	Robert Garwood	Billy Caldwell
Allowable pay rate per OME Contract 2203	$800.00/mo	$21.66/day
Shareable under OME Contract	484.65	563.16
Non-Shareable under OME Contract		
Total Gross Wages	950.00	711.00
Benefit Plan	19.10	
Federal W/H	100.40	69.60
Net Wages	830.50	641.40

DJMcL:mb
11-30-65

AMERICAN EXPLORATION & MINING CO.

CABLE ADDRESS: "DRAGA"
TELEPHONE EXBROOK 2-4992

23RD FLOOR RUSS BUILDING
SAN FRANCISCO, CALIF. 94104

November 14, 1965

CORTEZ JOINT VENTURE, NEVADA
O.M.E. PROGRESS REPORT
October, 1965

Docket No. O.M.E. 6436 Contract No. 14-23-090-2203

Drifting in both the east and west headings continued with 150.8 feet of new advance made in the east heading during the month to total 180.8 feet completed to date and with 157.6 feet of new advance made in the west heading during the month to total 184.0 feet completed to date.

All of the 364.8 feet completed to date has been mapped in detail. The west heading encountered the No. 1 dike fissure at its projected intersection and has followed the footwall of the dike. The western-most fault of a system of five cross faults encountered in the drift has displaced the No. 1 dike fissure to the south so that the drift is currently following the hanging wall contact of the dike fissure. This cross faulting may be correlative with the offset extension of the Premium Fault.

The east heading has followed the footwall of the No. 1 dike fissure throughout its length. Only voids and calcite veins up to one foot wide have been found to date in the east heading. The highest assay reported to date is a car sample from the west heading which assayed 7 Oz/T Ag and 0.01 oz/T Au. This was taken from 30 to 35 feet west of tag 1101.

Enclosed are geologic sketches of the work completed, an assay plan map showing assays received to date, and a progress map showing progress to date. These enclosures are part of the above report.

Respectfully submitted,

R. G. Garwood
pp J.B.

R.G. Garwood
Project Supervisor

RGG: jb
Encls.

Telephone 363-3302 · Hand Sample Serial 9797-9807

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

NOV 16 1965
RECEIVED

Mine American Exploration & Mining Co.
23rd Floor Russ Building
San Francisco, California

RESULTS PER TON OF 2000 POUNDS

Oct. 7, 1965

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											
10801	0.005	0.1									
10802	Trace	0.4									
10803	Trace	0.5									
10804	Trace	0.3									
10805	0.010	7.0									
10806	0.005	0.1									
10807	0.005	1.8									
10808	Trace	None									
10809	Trace	None									
10810	0.005	None									
10901	0.005	4.1	None								

Remarks

Charges $ 35.00

W. C. Wanlass

Telephone EMpire 3-3302

Hand Sample Serial 11495-11515

ASSAY REPORT NOV 16 1965

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
W. C. WANLASS, Vice-Pres. & Treas.
LILY M. HOTTINGER, Secretary
P. O. Box 1528
Salt Lake City 10, Utah

Mine American Exploration & Mining Co.
23rd Floor Russ Building
San Francisco, California

RESULTS PER TON OF 2000 POUNDS

Oct. 22, 1965

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											
10811	None	None									
10812	0.005	0.1									
10813	Trace	None									
10814	0.005	0.1									
10815	0.005	None									
10816	Trace	None									
10817	Trace	None									
10818	Trace	None									
10819	Trace	None									
10820	Trace	None									
10821	Trace	None									
10822	0.005	0.1									
10823	0.005	None									
10824	0.010	1.3									
10825	0.010	0.5									
10826	Trace	None									
10827	0.010	0.6									
10902	0.035	2.8									
10903	0.025	1.6									
10904	0.050	1.1									
10905	0.050	0.3									

Remarks

Charges $ 63.00

W. C. Wanlass

Telephone EMpire 3-3302

Head Sample Serial 11965-11995

NOV 16 1965
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ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
W. C. WANLASS, Vice-Pres. & Treas.
LILY M. HOTTINGER, Secretary
P. O. Box 1528
Salt Lake City 10, Utah

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

RESULTS PER TON OF 2000 POUNDS

Nov. 3, 1965

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											
10828	0.005	None									
10829	0.005	0.7									
10830	0.010	0.7									
10831	0.010	None									
10832	0.005	None									
10833	0.010	0.9									
10834	0.010	0.1									
10835	0.010	1.0									
10836	0.010	0.7									
10837	0.010	None									
10838	0.005	None									
10839	0.010	0.1									
10840	0.005	None									
10841	0.015	0.5									
10842	0.010	0.1									
10843	0.030	0.3									
10844	0.010	None									
10845	0.010	0.1									
10846	0.010	None									
10847	0.010	0.2									
10848	0.010	None									
10849	0.005	None									
10906	0.015	1.3									
10907	0.020	1.7									
10908	0.005	None									
10909	0.010	0.7									
10910	0.010	None									
10911	0.015	1.2									
10912	0.005	0.1									
10913	0.010	None									
10914	0.255	0.05									

Remarks

Charges $ 93.00

Glen F. Williams

U. S. Government Messenger Envelope

Standard Form No. 65 Rev. (1957)

Promulgated by Bureau of the Budget Circular A-33 (Rev.)

65-104

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~~WASHINGTON AIRMAIL POUCH~~ ~~Budget & Finance Branch~~ ~~Bldg.~~	STOP		STOP
accts Bishop	STOP	~~Publication Section~~ ~~Water Resources Div~~ Room 1242-G, GSA Bldg.	STOP
DENVER FEDERAL CENTER POUCH	STOP	Harris BTI	STOP
TO: U. S. Geological Survey Branch of Theoretical Geophysics Denver Federal Center Bldg. 25, Room 1884 Denver, Colorado	STOP	~~Room 334 A7~~	STOP
Room 1688 Bldg 25	STOP		STOP
~~Frank Decker~~ ~~414~~	STOP	~~MR. HACK~~ ~~G22~~ ~~GS BLDG~~	STOP
2451	STOP	~~MB Bartek~~ ~~4234 GSA~~	STOP
Howard Simpson Room 1820	STOP	~~[illegible]~~	STOP
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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

Maps received with Operator's
October 1965 voucher

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

October 21, 1965

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Memorandum

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

From : Field Officer, OME, Region II

Subject: OME-6436 (Silver)
Cortez Joint Ventures
Cortez Mine
Eureka and Lander Counties, Nev.
Contract No. 2203

Enclosed are copies of the subject operator's progress report for the months of August and September 1965 for your information and files.

Paul V. Fillo

Paul V. Fillo

Enclosures

cc:
Chief, OME, Wash., D. C.

Progress report filed with September voucher

MME FORM 60
SEPT. 1959

OFFICIAL COPY

Case P 118 120M 120

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

~~45~~ ~~120M~~ ~~120~~

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 September, 1965

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						
Drifting	2,453.40	-0-	2,453.40			
Crosscutting						
Drilling						
Mobilization	2,500.00	-0-	2,500.00			
Fixed Unit Costs	134.33	-0-	134.33			
(2) Personal Services:						
Supervision & Technical	152.00	-0-	152.00			
Outside Consultants						
Labor						
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
(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%	27.36	-0-	27.36			
Employee's Liability Ins.						
TOTALS	5,267.09		5,267.09			

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

Date NOV 1 1965 *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:

$ 3950.37

Signature [signature] 14X0804
(Authorized Certifying Officer)

Date NOV 16 1965 Vou. No. 3695

(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 Paul V. Fillo Title Field Officer Date 11-5-65

Approved by OME Executive Officer or Alternate: OME Reg. III

Signature Paul V. Fillo Title Field Officer Date 11-5-65

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.

AMERICAN EXPLORATION & MINING CO.

CABLE ADDRESS: "DRAGA"
TELEPHONE EXBROOK 2-4992

23RD FLOOR RUSS BUILDING
SAN FRANCISCO, CALIF., 94104

October 8, 1965

CORTEZ JOINT VENTURE, NEVADA
OME PROGRESS REPORT
September, 1965

Docket No. OME 6436 ✓

Contract No. 14-23-090-2203

Rehabilitation of the Arctic level was effectively completed September 20, 1965 and drifting in both the west heading and east heading commenced. By the end of the month, 26.4 feet in the west heading and 30 feet of advance in the east heading were completed. Rehabilitation of the main line and east heading measured 3191 feet; rehabilitation of the west heading measured 182 feet; and 339 feet of track were placed on the dump. In addition, 375 cubic feet of rock were excavated for safety zones; 590 cubic feet of rock were excavated to prepare the east and west face for drifting; and water line was placed in from the portal to the Arctic raise on the No. 1 level and down the Arctic raise to the Arctic level.

3,373' of drift and x-cut
+ 339' dump
= 3712' of track
not included to workings

The east heading is following part of the No. 1 dike-fissure and has encountered no mineralization in the 30 feet of advance. The west heading is crosscutting to intersect the No. 1 dike-fissure and in 26.4 feet of advance, a 1" stringer of quartz with associated silver mineralization was encountered. This stringer strikes east-west and is part of a small stope near the start of the west heading. The stringer is not considered to be commercial ore.

No underground drilling was started during the month.

Respectfully submitted,

R. G. Garwood
Project Supervisor

List of Mining [illegible] not included on [illegible]

RGG:hg

MME FORM 61
SEPT. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S PROGRESS REPORT For Month of September 1965 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	2140	56.4	56.4	5,267.09	56.4	56.4	5267.09
Crosscutting							
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond							
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn							
Percussion							
Miscellaneous							
Roads and Trails							
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)*				5,267.09			5267.09

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 NOV 1 1965 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 Paul V. Sills

Title Field Officer

Government Representative

OME Region II

Date 11-5-65

(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.

CORTEZ JOINT VENTURE

Date October 25, 1965

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	9 days at $9.00/day	81.00
Water Truck Rental	80 miles at 25¢/mile	20.00
Office Expense	10 days at $100.00/month	33.33
		134.33

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 September 1965

SUPERVISION & TECHNICAL	Robert Garwood
ALLOWABLE PAY RATE PER OME CONTRACT	$800.00/month
SHAREABLE UNDER OME CONTRACT	152.00 ±19 1/2 days
NON-SHAREABLE UNDER OME CONTRACT	723.00
TOTAL GROSS WAGES	875.00
BENEFIT PLAN	19.10
FEDERAL W/H	92.00
NET WAGES	763.90

DJMcL:mb
10-25-65

Ponderosa Development Company, Ltd.

WRITE TO:
BOX 4800-N
TUCSON, ARIZONA

OFFICE
6 NORTH TUCSON BOULEVARD

TELEPHONE
EAST 6-1114

October 6, 1965

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

STATEMENT

Cortez Joint Venture — Job # P-77-A — Statement # 3

Rehabilitation of 1198 ft. of old drift at $5.80 per ft.= $ 6948.40 5316G
(West 182 ft. plus East 1016 ft.)

Installation of 134 ft. of track on dump at $3.97 per ft.= 531.98 5316G

Extra Excavation;	Safty zones	375 cu.ft.	
	East face	290 " "	
	West face	300 " "	
	Total	965 cu.ft. at $1.00/cu.ft.=	965.00 5319G
Drift Advance;	West 26.4 ft. at $43.50/ft.	=	1148.40 5319G
Drift Advance;	East 30.0 ft. at $43.50/ft.	=	1305.00 5319G
		Total	=$10,898.78

withheld pending Job completion (*) 2000.00

8898.78

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

CORTEZ JOINT VENTURE		
Goods Rec'd	10-7-65	
Price OK	R.C.B.	
Code #	Amount	
5316 G	5480	38
5319 G	3418	40

D. 5316G 1480.38
D. 5319G 3418.40

Thank you,

M.L.Tate, General Manager

(*) Partains to Rehabilitation of workings

Ponderosa Development Company, Ltd.

WRITE TO:
BOX 4800-N
TUCSON, ARIZONA

OFFICE
6 NORTH TUCSON BOULEVARD

TELEPHONE
EAst 6-1114

AUG 12 1965
RECEIVED

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

AMERICAN EXPLORATION & MINING CO.

CABLE ADDRESS: "DRAGA"
TELEPHONE EXBROOK 2-4992

23RD FLOOR RUSS BUILDING
SAN FRANCISCO, CALIF. 94104

OCT 1965
BUREAU OF MINES
OFFICE OF
MINERALS EXPLORATION
REGION 11

October 20, 1965

U.S. Dept. of the Interior
Office of Minerals Exploration
450 Golden Gate Avenue
San Francisco, Calif. 94102
Attn: Mr. Paul Fillo

Dear Mr. Fillo:

Subject: O.M.E. No. 6436, Silver
Contract No. 14-23-090-2203
Cortez Joint Venture
Cortez Mine and Rossi Property
Eureka and Lander Counties, Nevada

We enclose progress reports for the months of August and September 1965 on the subject venture.

Yours sincerely,

H. Goudey

H. Goudey pp J. Birdwell

HG: jb

Encl: 2

R-II Dennis
memo 10/21/65

AMERICAN EXPLORATION & MINING CO.

CABLE ADDRESS: "DRAGA"
TELEPHONE EXBROOK 2-4992

23RD FLOOR RUSS BUILDING
SAN FRANCISCO, CALIF., 94104

October 8, 1965

CORTEZ JOINT VENTURE, NEVADA
OME PROGRESS REPORT
September, 1965

Docket No. OME 6436

Contract No. 14-23-090-2203

10 days? ±5.5'/day

Rehabilitation of the Arctic level was effectively completed September 20, 1965 and drifting in both the west heading and east heading commenced. By the end of the month, 26.4 feet in the west heading and 30 feet of advance in the east heading were completed. Rehabilitation of the main line and east heading measured 3191 feet; rehabilitation of the west heading measured 182 feet; and 339 feet of track were placed on the dump. In addition, 375 cubic feet of rock were excavated for safety zones; 590 cubic feet of rock were excavated to prepare the east and west face for drifting; and water line was placed in from the portal to the Arctic raise on the No. 1 level and down the Arctic raise to the Arctic level.

The east heading is following part of the No. 1 dike-fissure and has encountered no mineralization in the 30 feet of advance. The west heading is crosscutting to intersect the No. 1 dike-fissure and in 26.4 feet of advance, a 1" stringer of quartz with associated silver mineralization was encountered. This stringer strikes east-west and is part of a small stope near the start of the west heading. The stringer is not considered to be commercial ore.

No underground drilling was started during the month.

Respectfully submitted,

R. G. Garwood

R. G. Garwood
Project Supervisor

RGG:hg

AMERICAN EXPLORATION & MINING CO.

CABLE ADDRESS: "DRAGA"
TELEPHONE EXBROOK 2-4992

23RD FLOOR RUSS BUILDING
SAN FRANCISCO, CALIF. 94104

September 9, 1965

CORTEZ JOINT VENTURE, NEVADA
OME PROGRESS REPORT
AUGUST, 1965

Docket No. OME 6436 Contract No. 14 - 23 - 090 - 2203

Ponderosa Development Company, Ltd. mobilized track, pipe, timber and necessary equipment to commence rehabilitation of the Arctic level by August 9, 1965. Remaining to be mobilized are his large compressor, drills, mine cars and other drifting equipment. Rehabilitation was started August 9, 1965 and by the end of the month, our contractor had laid 205 feet of track on the dump, 2175 feet of track on the Arctic level and had stood necessary timber at the portal. No drifting was done during the month.

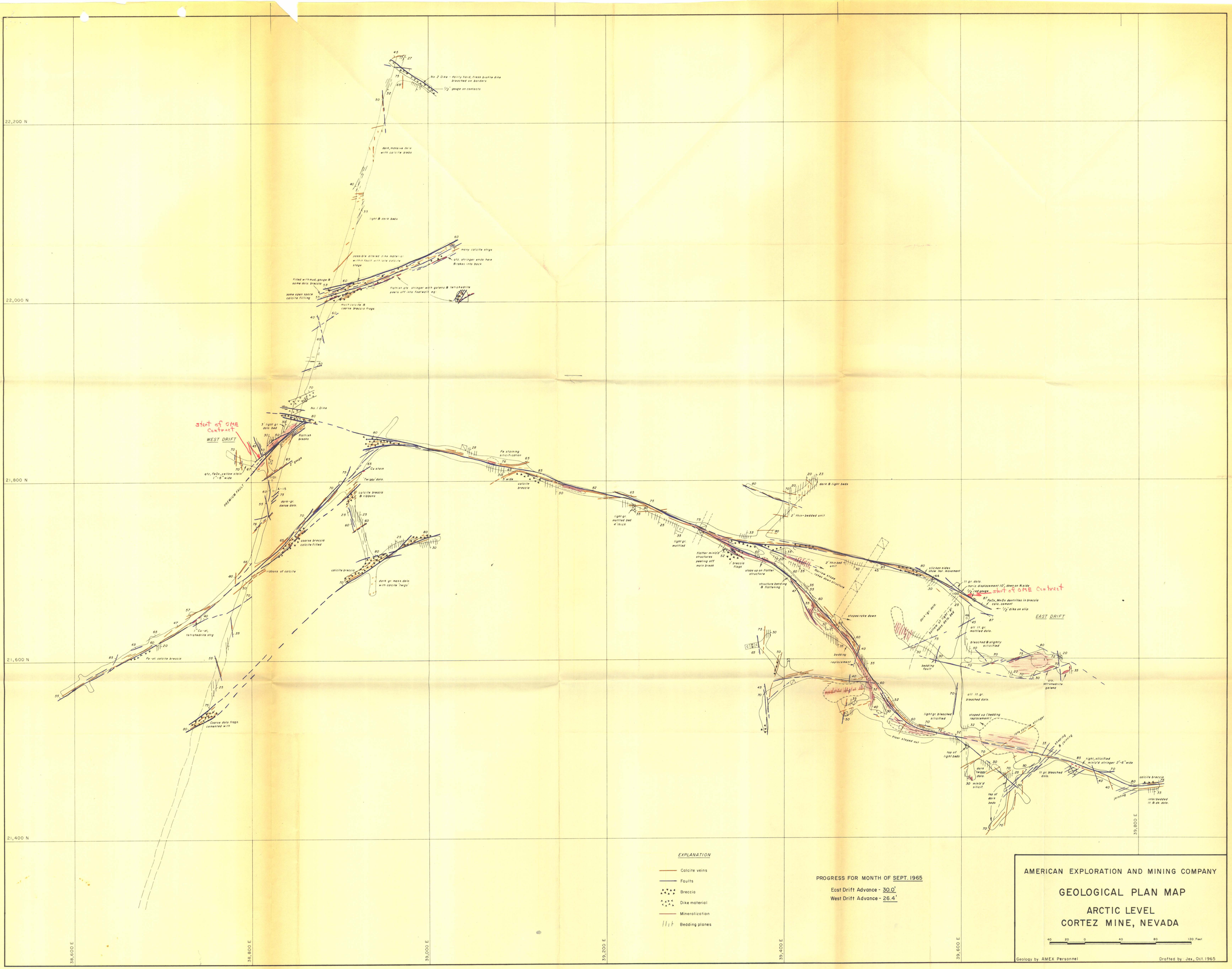
20 days?
119'/day

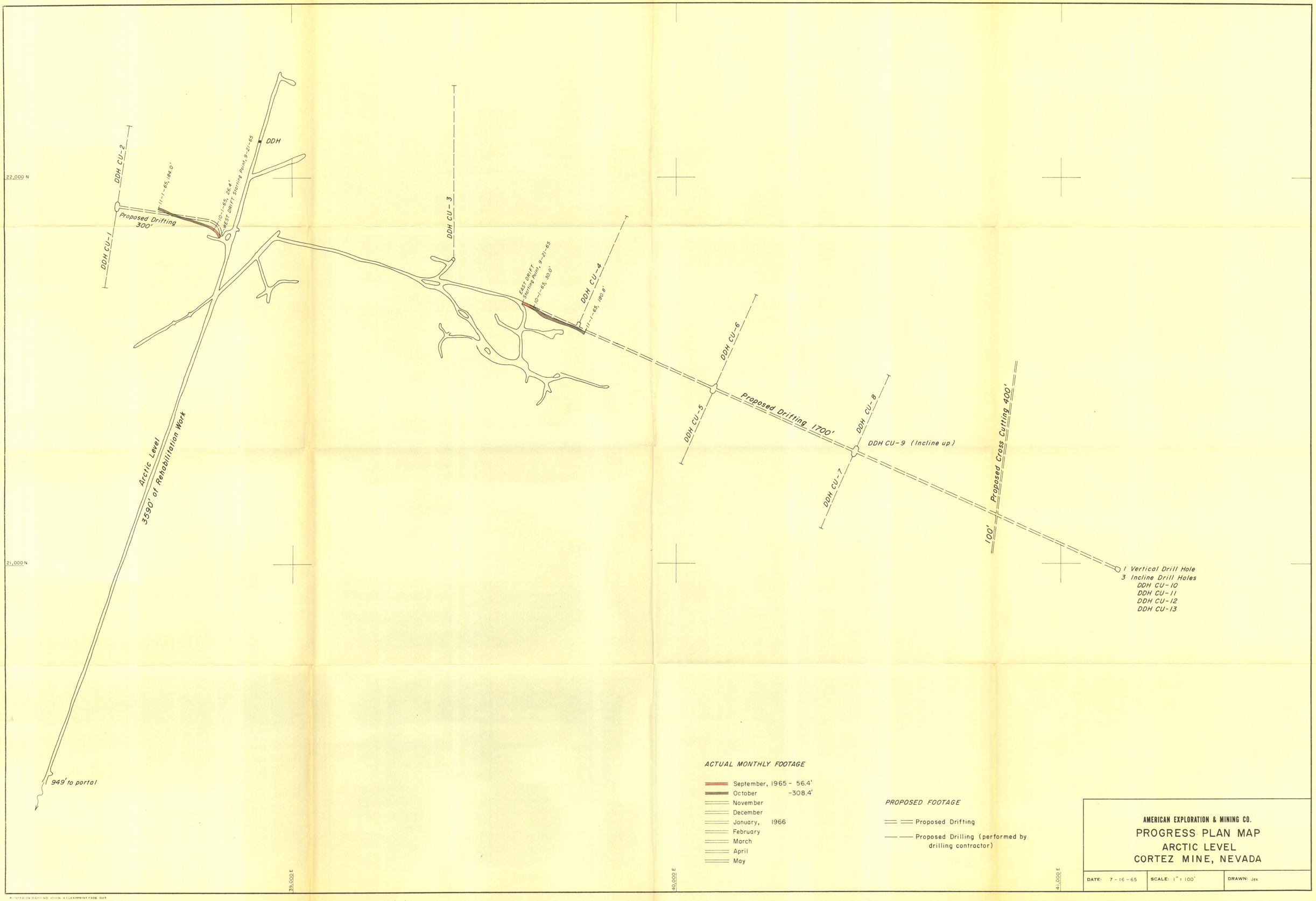
Respectfully submitted,

R.G. Garwood

R.G. Garwood
Project Supervisor

RGG: jb


22,200 N
22,000 N
21,800 N
21,600 N
21,400 N
38,600 E
38,800 E
39,000 E
39,200 E
39,400 E
39,600 E
39,800 E
No. 2 Dike - fairly hard, fresh biotite dike bleached on borders
1/2' gouge on contacts
dark, massive dolo with calcite areas
light & dark beds
possible altered dike material within fault with late calcite stage
many calcite strgs
qtz. stringer ends here & takes into back
filled with mud, gouge & some dolo. breccia
some open space calcite filling
much calcite & coarse breccia frags.
flattish qtz. stringer with galena & tetrahedrite goes off into footwall
No. 1 Dike
start of OME Contract
WEST DRIFT
3' light gr. dolo bed
flattish breaks
2" gouge
qtz, FeOx, yellow stain 1'-6" wide
PREMIUM FAULT
dark-gr. dense dolo.
coarse breccia calcite filled
ribbons of calcite
Cu-st. tetrahedrite strg
Fe-st. calcite breccia
Coarse dolo frags. cemented with
Cu stain
Twigs of dolo.
calcite breccia & ribbons
calcite breccia
dark gr. mass. dolo with calcite "twigs"
Fe staining silicification
5' wide
calcite breccia
light-gr. mottled bed 4' thick
light gr. mottled
flatter, mint'd structures peeling off main break
breccia frags
stope up on flatter structure
structure bending & flattening
2' thin-bedded unit
Narrow stope takes down structure
stopes rake down
bedding replacement
dark & light beds
2' thin-bedded unit
slicken sides show hor. movement
lt. gr. dolo. horiz. displacement 10' down on N side
1/2' red gouge
start of OME Contract
FeOx, MnOx dentrites in breccia calc. cement
1/2' dike on slip
EAST DRIFT
dark-gr. dolo
hollow 3' light gr. dolo bed
all lt. gr. mottled dolo.
bleached & slightly silicified
bedding fault
all lt. gr. bleached dolo.
qtz. tetrahedrite galena
stoped up (bedding replacement)
late calcite stringer
floor stoped out
light gr. bleached silicified
top of light beds
dark twiggy dolo
mint'd silicif.
top of dark beds
lt. gr. bleached dolo.
shaming & jointing
light, silicified mint'd stringer 2'-6" wide
jointing
calcite breccia
inter-bedded lt. & dk. dolo.
EXPLANATION
Calcite veins
Faults
Breccia
Dike material
Mineralization
Bedding planes
PROGRESS FOR MONTH OF SEPT. 1965
East Drift Advance - 30.0'
West Drift Advance - 26.4'
AMERICAN EXPLORATION AND MINING COMPANY
GEOLOGICAL PLAN MAP
ARCTIC LEVEL
CORTEZ MINE, NEVADA
40 20 0 40 80 120 Feet
Geology by AMEX Personnel
Drafted by Jex, Oct. 1965



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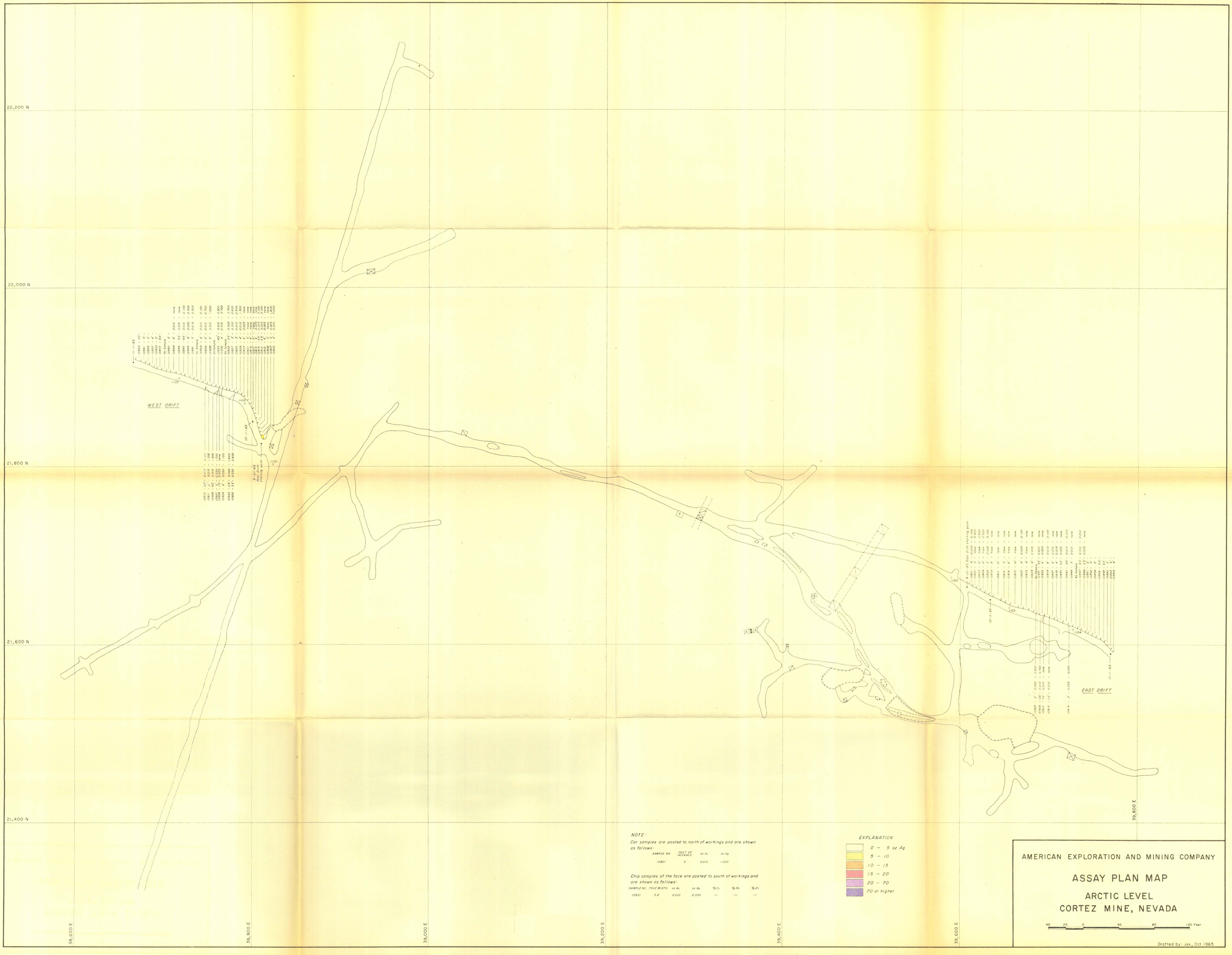
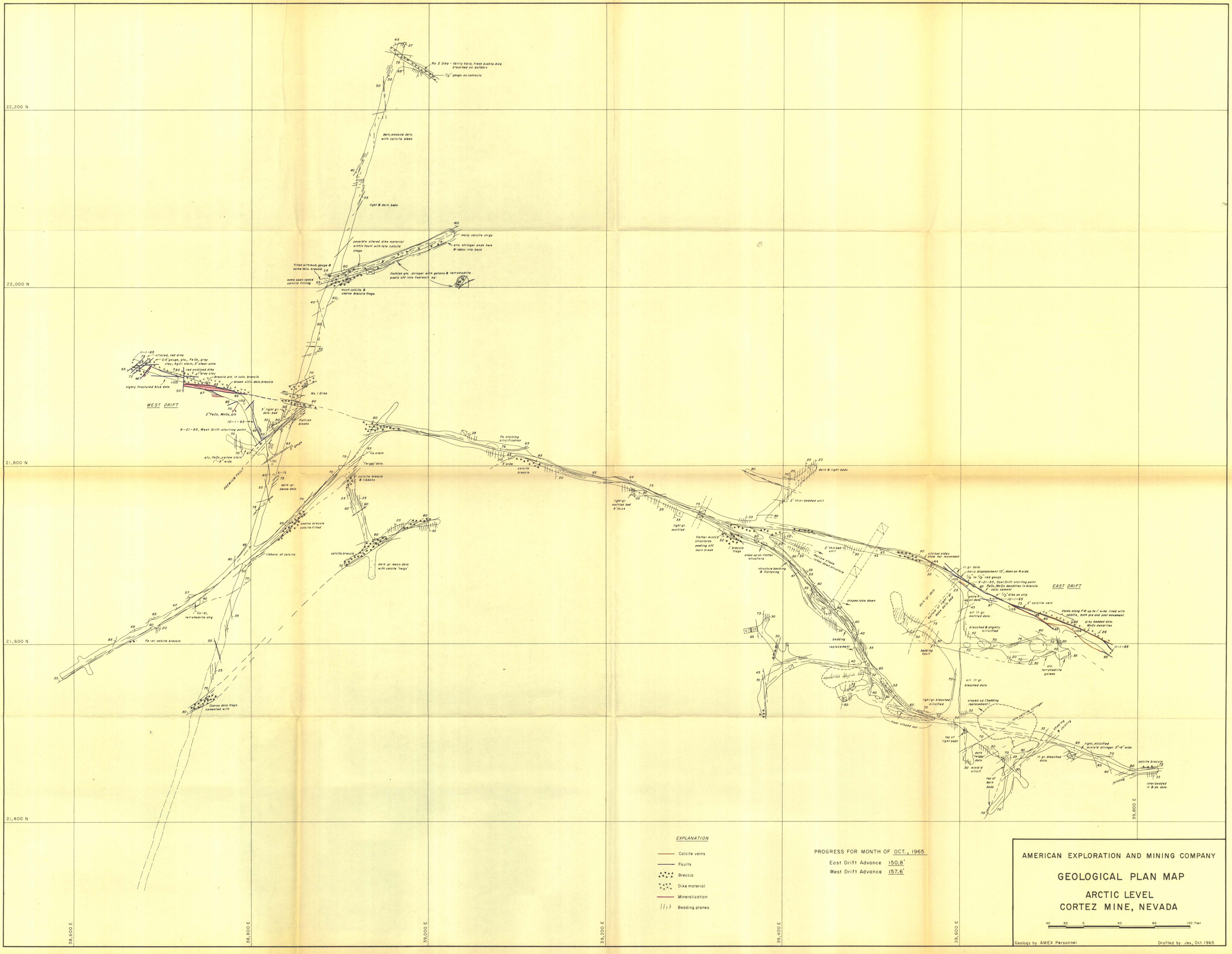
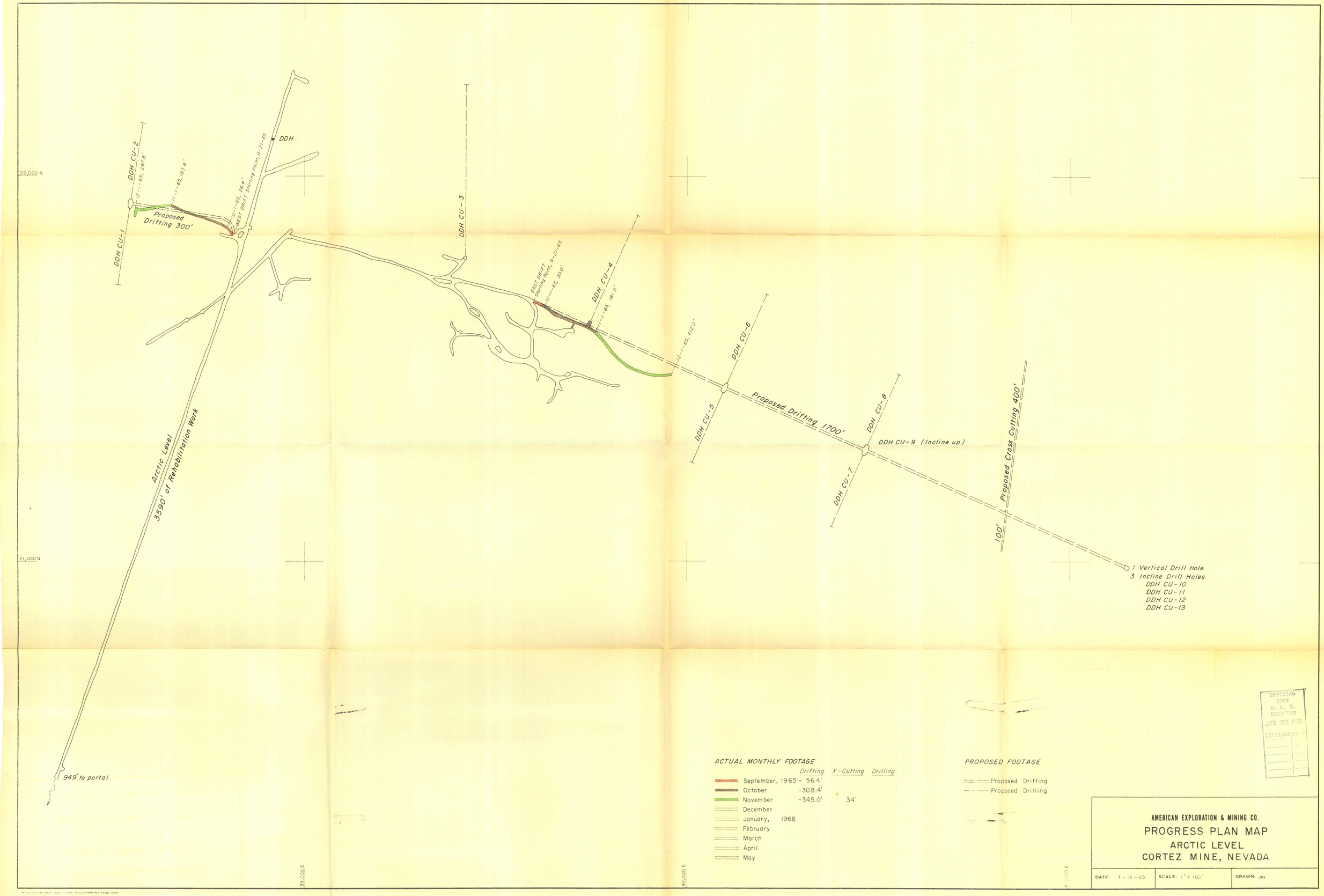

22,200 N
22,000 N
21,800 N
21,600 N
21,400 N
38,600 E
38,800 E
39,000 E
39,200 E
39,400 E
39,600 E
39,800 E
WEST DRIFT
EAST DRIFT
NOTE:
Car samples are posted to north of workings and are shown as follows:
SAMPLE NO. FEET OF ADVANCE oz. Au oz. Ag
10801 5' 0.010 1.000
Chip samples of the face are posted 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 — — —
EXPLANATION
0 – 5 oz. Ag
5 – 10
10 – 15
15 – 20
20 – 70
70 or higher
AMERICAN EXPLORATION AND MINING COMPANY
ASSAY PLAN MAP
ARCTIC LEVEL
CORTEZ MINE, NEVADA
40 20 0 40 80 120 Feet
Drafted by: Jex, Oct. 1965


22,200 N
22,000 N
21,800 N
21,600 N
21,400 N
38,600 E
38,800 E
39,000 E
39,200 E
39,400 E
39,600 E
39,800 E
No. 2 Dike - fairly hard, fresh biotite dike bleached on borders
1/2" gouge on contacts
dark, massive dolo. with calcite blebs
light & dark beds
many calcite strgs
qtz. stringer ends here & ribbons into back
possible altered dike material within fault with late calcite stage
filled with mud, gouge & some dolo. breccia
some open space calcite filling
flattish qtz. stringer with galena & tetrahedrite peels off into footwall
much calcite & coarse breccia frags.
11-1-65
altered, red dike
GG gouge, qtz., FeOx, gray clay, AgCl stain; 3' shear zone
red oxidized dike
1' yl. gray clay
breccia qtz. in calc. breccia
brown sliff. dolo. breccia
highly fractured blue dolo.
WEST DRIFT
No. 1 Dike
3' light gr. dolo. bed
flattish breaks
2" FeOx, MnOx, qtz
10-1-65
9-21-65, West Drift starting point
qtz., FeOx, yellow stain 1'-6" wide
PREMIUM FAULT
dark-gr. dense dolo.
coarse breccia calcite filled
ribbons of calcite
1" Cu-st. tetrahedrite strg
Fe-st. calcite breccia
Coarse dolo. frags. cemented with
Cu stain
'Twiggy' dolo.
calcite breccia & ribbons
calcite breccia
dark gr. mass. dolo. with calcite 'rings'
Fe staining silicification
5' wide
calcite breccia
light gr. mottled bed 4' thick
light gr. mottled
flatter minr'z'd structures peeling off main break
1' breccia frags
slope up on flatter structure
structure bending & flattening
2' thin-bedded unit
dark & light beds
2' thin bed unit
narrow stope, steep dipping structure
slicken sides show hor. movement
stopes rake down
bedding replacement
dark-gr. dolo.
horiz. gr. mass. dolo. bed
bedding fault
floor sloped out
top of light beds
dark 'twiggy' dolo.
30 minr'd silicif.
top of dark beds
lt. gr. bleached dolo.
light, silicified minr'd stringer 2"-6" wide
calcite breccia
jointing
interbedded lt. & dk. dolo.
EAST DRIFT
lt. gr. dolo. horiz. displacement 10', down on N. side
1/4" to 1/2" red gouge
9-21-65, East Drift starting point
FeOx, MnOx dendrites in breccia calc. cement
1/2" dike on slip
10-1-65
2' calcite vein
Voids along F-W up to 1' wide lined with calcite, both pre and post movement.
grey bedded dolo. MnOx dendrites
11-1-65
white 7' wi. dolo.
all lt. gr. mottled dolo.
bleached & slightly silicified
qtz. tetrahedrite galena
all lt. gr. bleached dolo.
light gr. bleached silicified
stoped up (bedding replacement)
idle calcite stringer
shearing & jointing
EXPLANATION
Calcite veins
Faults
Breccia
Dike material
Mineralization
Bedding planes
PROGRESS FOR MONTH OF OCT., 1965
East Drift Advance 150.8'
West Drift Advance 157.6'
AMERICAN EXPLORATION AND MINING COMPANY
GEOLOGICAL PLAN MAP
ARCTIC LEVEL
CORTEZ MINE, NEVADA
40 20 0 40 80 120 Feet
Geology by AMEX Personnel
Drafted by Jex, Oct. 1965



AMERICAN EXPLORATION & MINING CO.

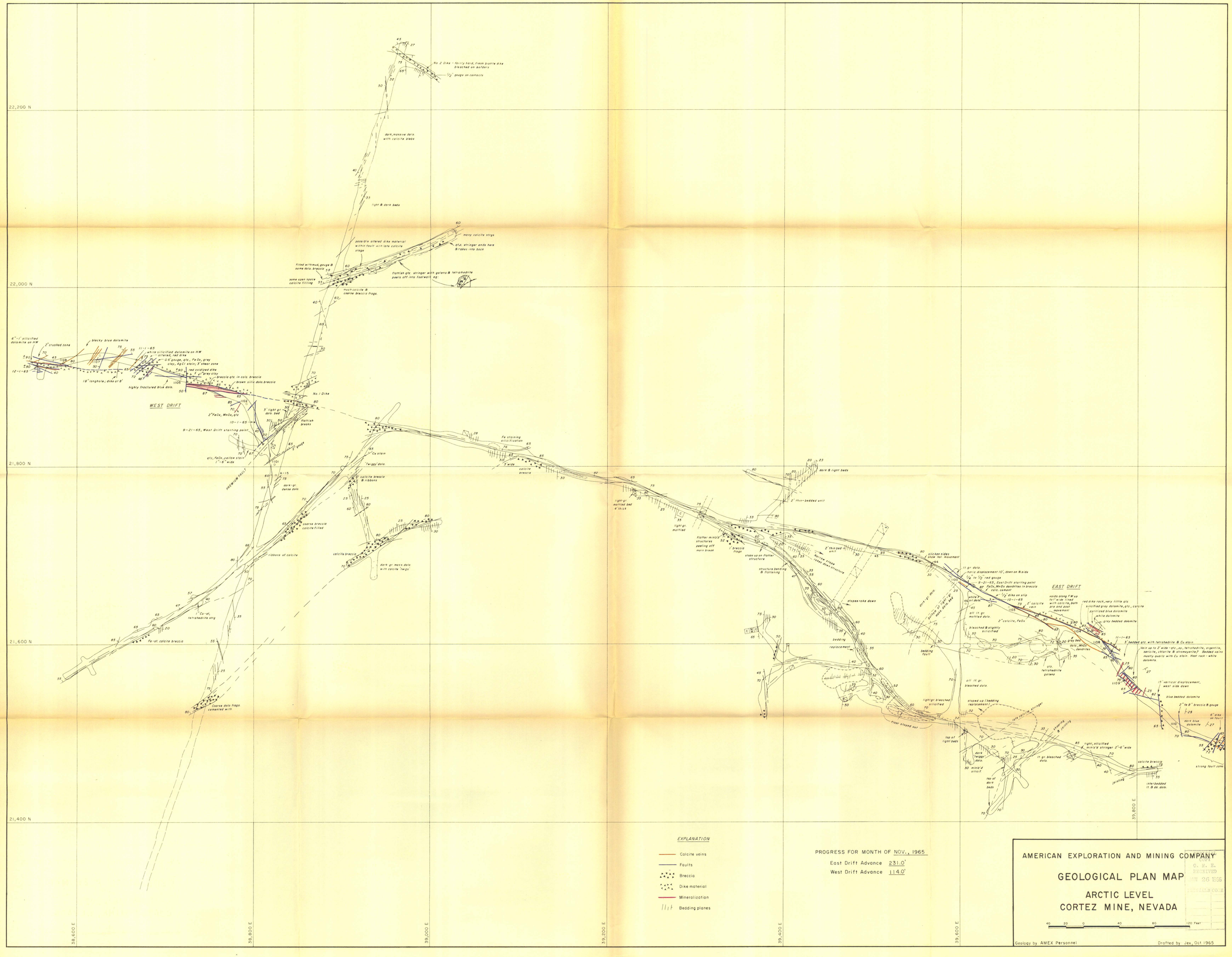
PROGRESS PLAN MAP

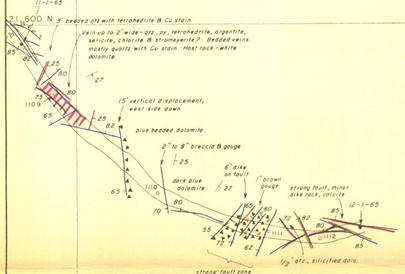
ARCTIC LEVEL

CORTEZ MINE, NEVADA

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

PRINTED ON DIEBOLD NO. 1000M A FLEARPRINT FADE-OUT


22,200 N
22,000 N
21,800 N
21,600 N
21,400 N
38,600 E
38,800 E
39,000 E
39,200 E
39,400 E
39,600 E
39,800 E
No. 2 Dike - fairly hard, fresh biotite dike bleached on borders
1/2" gouge on contacts
dark, massive dolo. with calcite blebs
light & dark beds
many calcite strgs
qtz. stringer ends here & rakes into back
possible altered dike material within fault with late calcite stage
filled with mud, gouge & some dolo. breccia
some open space calcite filling
flattish qtz. stringer with galena & tetrahedrite peels off into footwall
much calcite & coarse breccia frags.
6"-1' silicified dolomite on HW
2" crushed zone
blocky blue dolomite
12-1-65
11-1-65
white silicified dolomite on HW
1'-altered, red dike
0.5' gouge, qtz., FeOx, gray clay, AgCl stain; 3' shear zone
red oxidized dike
1' gray clay
18" longhole; dike at 8'
highly fractured blue dolo.
breccia qtz. in calc. breccia
brown silic. dolo. breccia
WEST DRIFT
No. 1 Dike
3' light gr. dolo. bed
flattish breaks
2" FeOx, MnOx, qtz
10-1-65
9-21-65, West Drift starting point
qtz, FeOx, yellow stain 1'-6' wide
PREMIUM FAULT
2" gouge
Cu stain
Twiggy dolo.
calcite breccia & ribbons
dark-gr. dense dolo.
coarse breccia calcite filled
ribbons of calcite
calcite breccia
dark gr. mass dolo. with calcite 'twigs'
Cu-st. tetrahedrite strg
Fe-st. calcite breccia
Coarse dolo. frags. cemented with
Fe staining silicification
5' wide
calcite breccia
light gr. mottled bed 4' thick
light gr. mottled
flatter minis'd structures peeling off main breac
breccia frags
slope up on flatter structure
structure bending & flattening
2' thin bed unit
hanging stope rakes down structure
slickensides show hor. movement
stopes rake down
bedding replacement
bedding fault
lt. gr. dolo
horiz. displacement 10' down on N side
1/4 to 1/2" red gouge
9-21-65, East Drift starting point
FeOx, MnOx dendrites in breccia calc. cement
1/2" dike on slip
10-1-65
EAST DRIFT
2" calcite vein
voids along FW up to 1' wide lined with calcite, both pre and post movement
red dike rock, very little qtz. silicified grey dolomite, qtz., calcite
pyritized blue dolomite
white dolomite
grey bedded dolomite
11-1-65
3' bedded qtz. with tetrahedrite & Cu stain
Vein up to 2' wide - qtz., qtz., tetrahedrite, argentite, sericite, chlorite & stromeyerite? Bedded veins mostly quartz with Cu stain. Host rock - white dolomite.
15' vertical displacement, west side down
blue bedded dolomite
2" to 8" breccia & gouge
6" dike on fault
dark blue dolomite
strong fault zone
2" calcite, FeOx
bleached & slightly silicified
gray bed dolo., MnOx dendrites
qtz. tetrahedrite galena
all lt. gr. bleached dolo.
stoped up (bedding replacement)
late calcite stringer
staining & silicification
light, silicified minis'd stringer 2'-6' wide
lt. gr. bleached dolo.
calcite breccia
jointing
interbedded lt. & dk. dolo.
top of light beds
top of dark beds
dark 'twiggy' dolo.
30 minis'd silicif.
finer stoped out
light gr. bleached silicified
EXPLANATION
Calcite veins
Faults
Breccia
Dike material
Mineralization
Bedding planes
PROGRESS FOR MONTH OF NOV., 1965
East Drift Advance 231.0'
West Drift Advance 114.0'
AMERICAN EXPLORATION AND MINING COMPANY
GEOLOGICAL PLAN MAP
ARCTIC LEVEL
CORTEZ MINE, NEVADA
40 20 0 40 80 120 Feet
Geology by AMEX Personnel
Drafted by Jex, Oct 1965
O. M. E.
RECEIVED
JAN 26 1966
SPECIAL COLL.



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

EXPLANATION

- Calcite veins
- Faults
- Breccia
- Dike material
- Mineralization
- Bedding planes

PROGRESS FOR MONTH OF NOV., 1965

East Drift Advance 231.0'

AMERICAN EXPLORATION AND MINING COMPANY

GEOLOGICAL PLAN MAP

(East Drift)

ARCTIC LEVEL

CORTEZ MINE, NEVADA

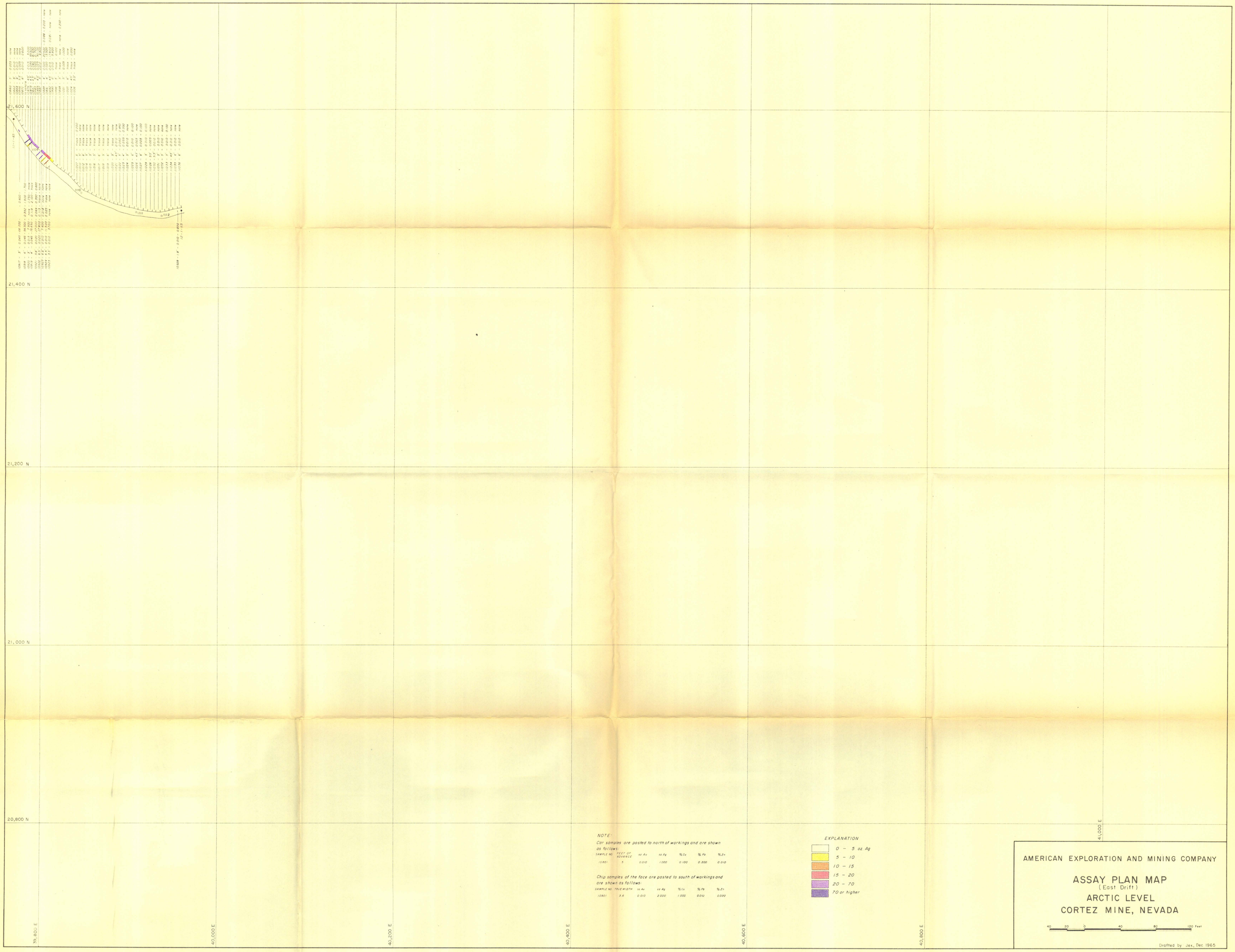
40 20 0 40 80 120 Feet

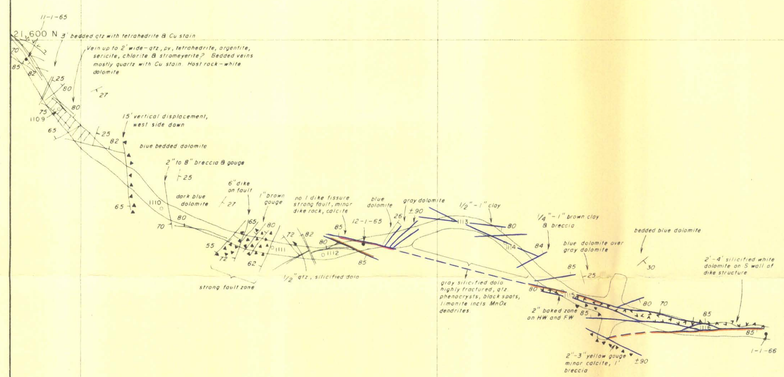
Geology by: AMEX Personnel

Drafted by: Jex, Dec 1965

COPY
O. M. E.
RECEIVED
JAN 26 1966
INITIALS

22,200 N
22,000 N
21,800 N
21,600 N
21,400 N
38,600 E
38,800 E
39,000 E
39,200 E
39,400 E
39,600 E
39,800 E
WEST DRIFT
EAST DRIFT
See East Sheet for Assays
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 — — —
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 — — —
EXPLANATION
0 – 5 oz Ag
5 – 10
10 – 15
15 – 20
20 – 70
70 or higher
AMERICAN EXPLORATION AND MINING COMPANY
ASSAY PLAN MAP
ARCTIC LEVEL
CORTEZ MINE, NEVADA
40 20 0 40 80 120 Feet
Drafted by: Jex, Oct 1965
OFFICIAL COPY D. M. E. RECEIVED JAN 26 1966 INITIALS CO. E.


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
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



EXPLANATION

- Calcite veins
- Faults
- Breccia
- Dike material
- Mineralization
- Bedding planes

PROGRESS FOR MONTH OF DEC , 1965

East Drift	
Drifting	242.0'
X-Cutting	32.0'
Drilling	

ORIGINAL COPY
G. M. D.
RECEIVED
MAR 1 1966
DRAFTING ROOM

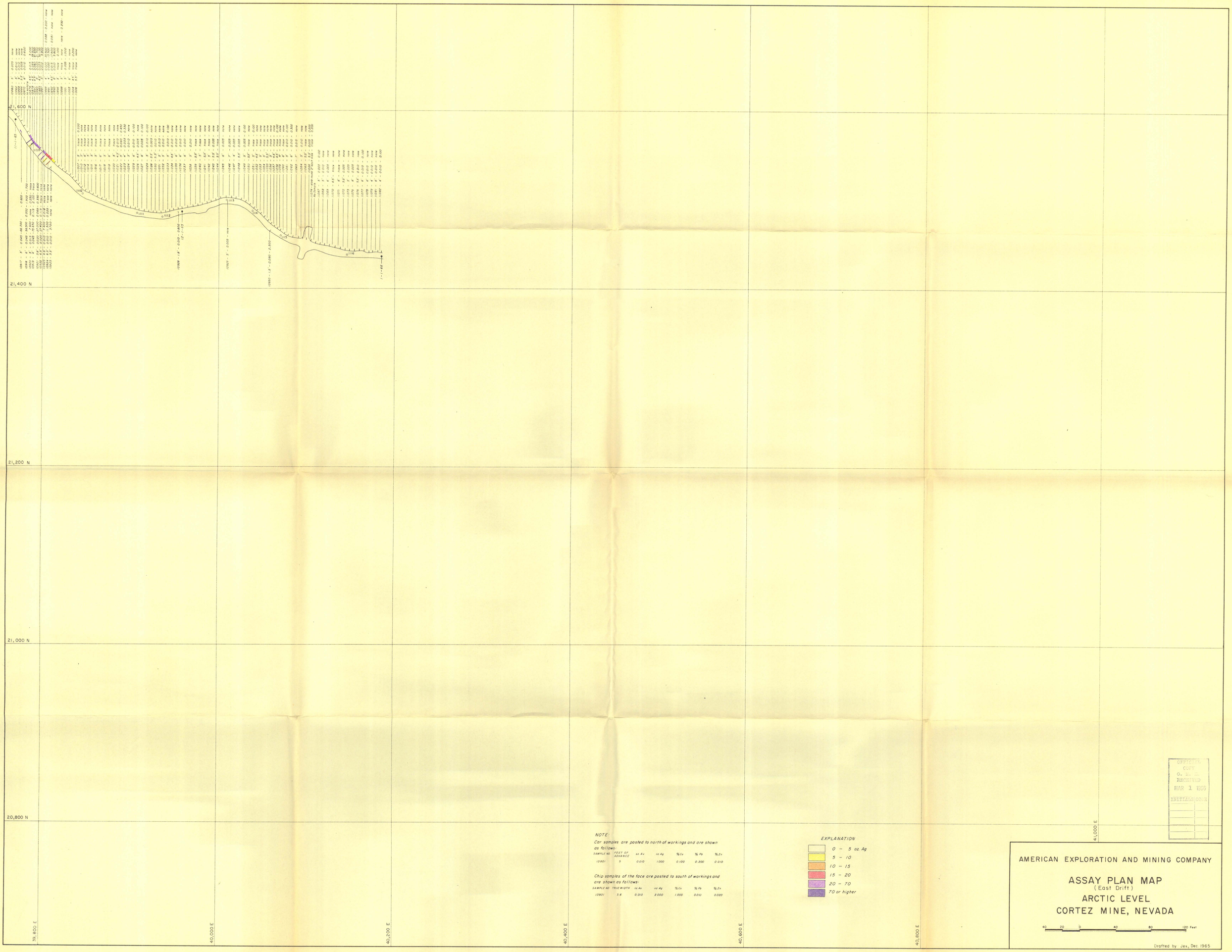
AMERICAN EXPLORATION AND MINING COMPANY

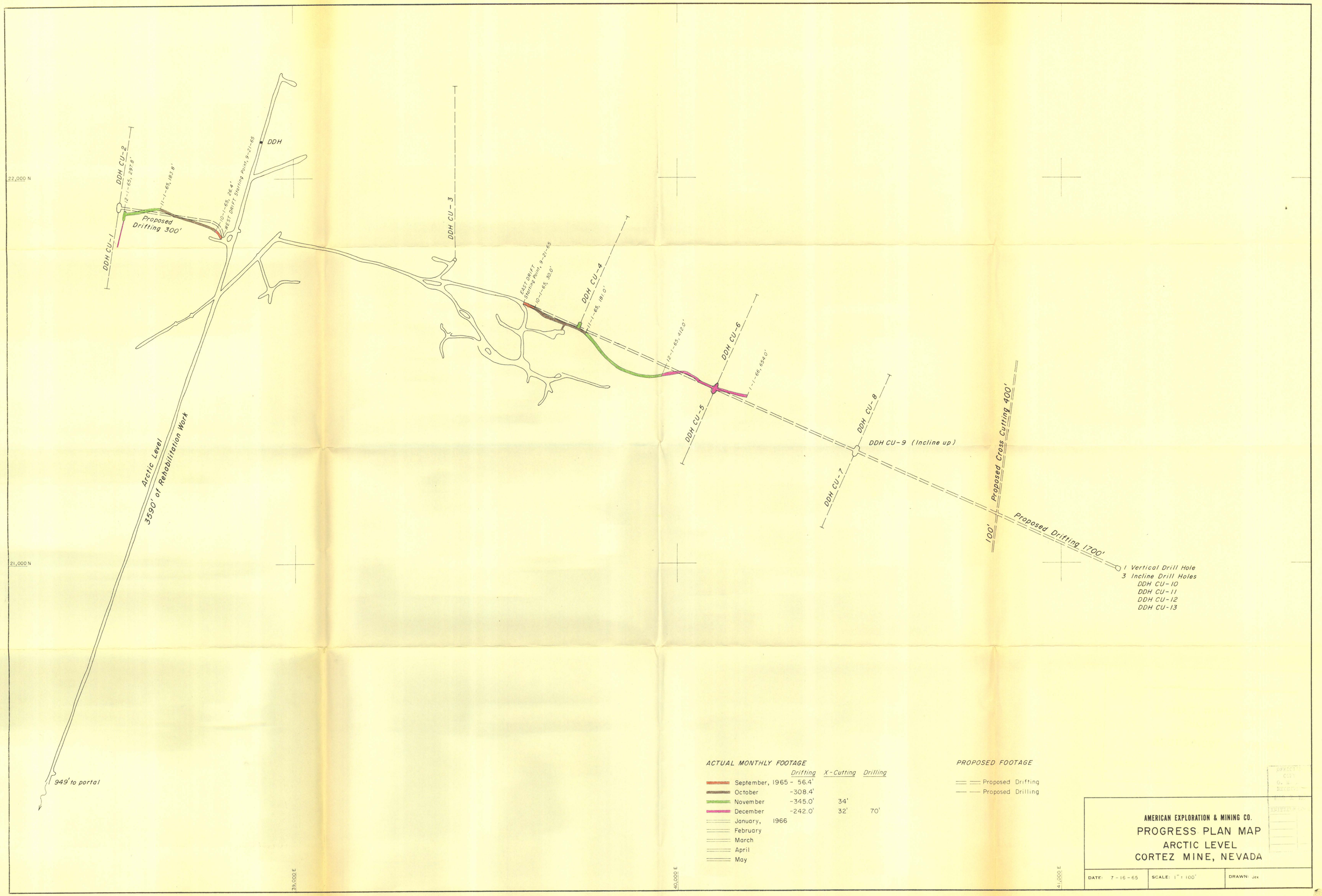
GEOLOGICAL PLAN MAP
(East Drift)
ARCTIC LEVEL
CORTEZ MINE, NEVADA

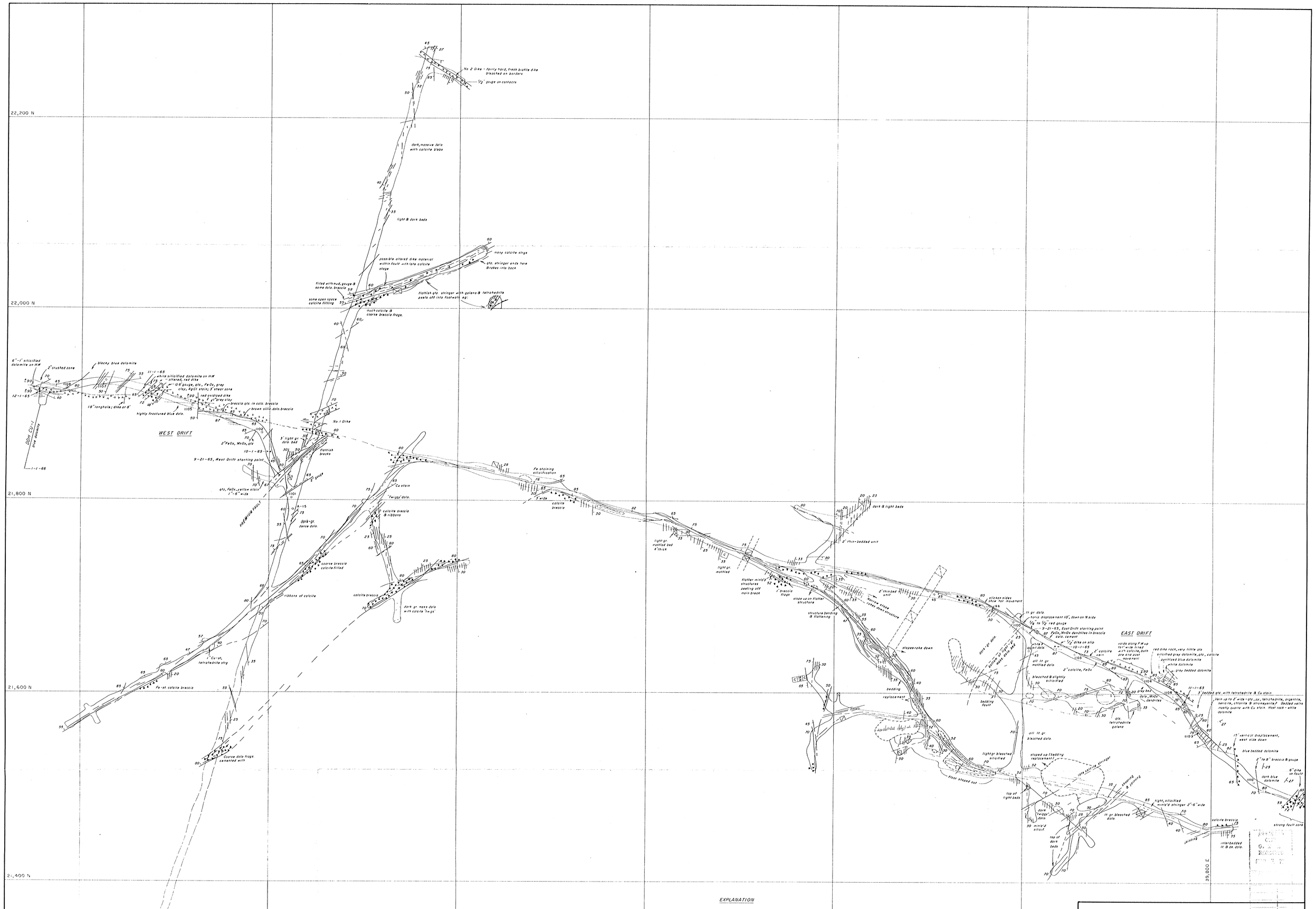
40 20 0 40 80 120 Feet

Geology by AMEX Personnel

Drafted by Jex, Dec 1965


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
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
10901 | 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
OFFICIAL COPY
O. M. M.
RECEIVED
MAR 1 1966
INITIALS
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


22,000 N
21,000 N
39,000 E
40,000 E
41,000 E
DDH CU-1
DDH CU-2
12-1-65, 297.8'
11-1-65, 183.8'
10-1-65, 26.4'
WEST DRIFT Starting Point, 9-21-65
DDH
Proposed Drifting 300'
DDH CU-3
EAST DRIFT Starting Point, 9-21-65
10-1-65, 30.0'
DDH CU-4
11-1-65, 181.0'
12-1-65, 412.0'
DDH CU-5
DDH CU-6
1-1-66, 654.0'
DDH CU-7
DDH CU-8
DDH CU-9 (Incline up)
Proposed Cross Cutting 400'
100'
Proposed Drifting 1700'
1 Vertical Drill Hole
3 Incline Drill Holes
DDH CU-10
DDH CU-11
DDH CU-12
DDH CU-13
Arctic Level
3590' of Rehabilitation Work
949' to portal
ACTUAL MONTHLY FOOTAGE
Drifting X-Cutting Drilling
September, 1965 - 56.4'
October -308.4'
November -345.0' 34'
December -242.0' 32' 70'
January, 1966
February
March
April
May
PROPOSED FOOTAGE
Proposed Drifting
Proposed Drilling
AMERICAN EXPLORATION & MINING CO.
PROGRESS PLAN MAP
ARCTIC LEVEL
CORTEZ MINE, NEVADA
DATE: 7-16-65
SCALE: 1" = 100'
DRAWN: Jex



EXPLANATION

- Calcite veins
- Faults
- Breccia
- Dike material
- Mineralization
- Bedding planes

PROGRESS FOR MONTH OF DEC., 1965

East Drift	
Drifting	242.0'
X-Cutting	32.0'
Drifting	
West Drift	
Drifting	
X-Cutting	
Drilling	70.0'

AMERICAN EXPLORATION AND MINING COMPANY

GEOLOGICAL PLAN MAP

ARCTIC LEVEL
CORTEZ MINE, NEVADA

40 20 0 40 80 120 Feet

Geology by AMEX Personnel

Drafted by Jex, Oct. 1965