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James Doyle Sell Mining Collection

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AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT Arizona

Silver Bell,

August 28, 1969

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

SILVER BELL UNIT DRILLING PROGRESS REPORT Subject:

OXIDE PIT. AUGUST. 1969

One truck mounted drill was operated from August 1st to August 12th. Drilling progressed two shifts per day, six days per week. The last 260.9 feet of DDH F-208 were completed. F-208 was an angle hole (45° N 0° E).

The footage drilled and the average direct drilling costs for August, 1969, are:

	Advance Per	Average Direct
Drill Footage	Shift_	Cost Per Foot
Truck 260.9	13.5'	\$ 6.79

F-208

This angle hole was drilled due north at 450. Fine grained, tan to green hornfels with thin intervals of quartzite and small patches of garnet extended to 51 feet. Relatively uniform light tan to olive green hornfels with locally strong epidote continued to 133 feet. Accessory minerals included siderite, smithsonite, and wulfenite. Below 133 feet the sediments were cut by several thin weakly altered syenodiorite porphyry dikes. Marble and dolomite were first encountered at 211 feet and from there to the bottom of the hole the metasediments consisted of limey hornfels mixed with marble and dolomite. Two thin low grade ore intercepts were encountered in the hornfels. Chalcopyrite was the only copper mineral noted in the hole.

Resident Geologist

JWC:jca

cc: TASnedden

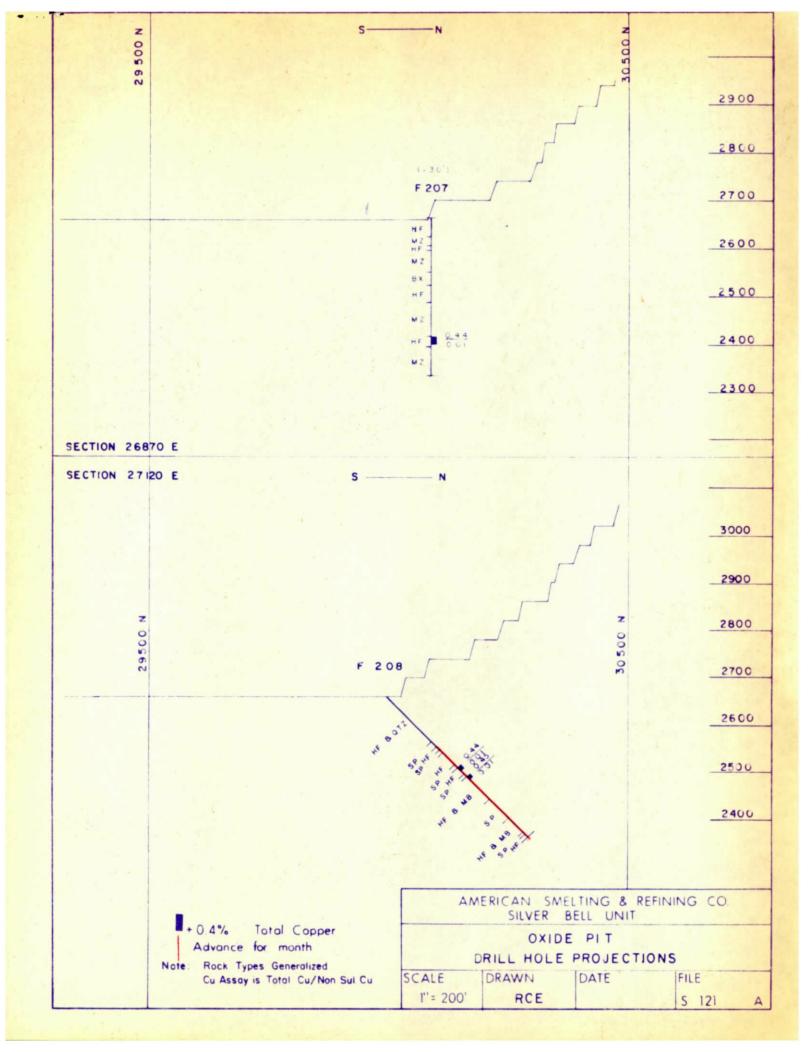
CPPollock A/M

RBMeen

JHCourtright (2)

DRJameson (2)

	Approx	+0.40% Copper	Lenses		
Hole Approx.	Coordinates	Depth Thick	- Avg. % Cu		Depth Final
No. Elevation	North East	to Top ness	Total N.S.	During Mo.	End Mo. Depth
아마스 등 속 뒤로 보고 있는 것을 모르는					
F-208 2661.41	29,996.51 27,117	7.94 211.0 10.0	0.44 0.01	260.9	414.4 414.4
		238.8 9.0	0.45 0.01		
[2] 의 시시로 하는 다음을 보고 있다. 10 등로 15일 기 하는데 그들이 있는 15일 이 물리가 하지만 하는데		보고가 있다는 것으로 가셨다면요?	TOTAL	<u>260.9</u>	



AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT Silver Bell, Arizona

August 28, 1969

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT - OXIDE PIT, AUGUST, 1969

One truck mounted drill was operated from August 1st to August 12th. Drilling progressed two shifts per day, six days per week. The last 260.9 feet of DDH F-208 were completed. F-208 was an angle hole (45° N 0° E).

The footage drilled and the average direct drilling costs for August, 1969, are:

			Advance	Per	Averag	e Direct
Dril	1	Footage	Shift	<u> </u>	Cost P	er Foot
			Avgradia			
Truc	k i	260.9	13.5'		\$ 6	.79

F-208

This angle hole was drilled due north at 45°. Fine grained, tan to green hornfels with thin intervals of quartzite and small patches of garnet extended to 51 feet. Relatively uniform light tan to olive green hornfels with locally strong epidote continued to 133 feet. Accessory minerals included siderite, smithsonite, and wulfenite. Below 133 feet the sediments were cut by several thin weakly altered syenodiorite porphyry dikes. Marble and dolomite were first encountered at 211 feet and from there to the bottom of the hole the metasediments consisted of limey hornfels mixed with marble and dolomite. Two thin low grade ore intercepts were encountered in the hornfels. Chalcopyrite was the only copper mineral noted in the hole.

W. Cameron Resident Geologist

JWC:jca

cc: TASnedden

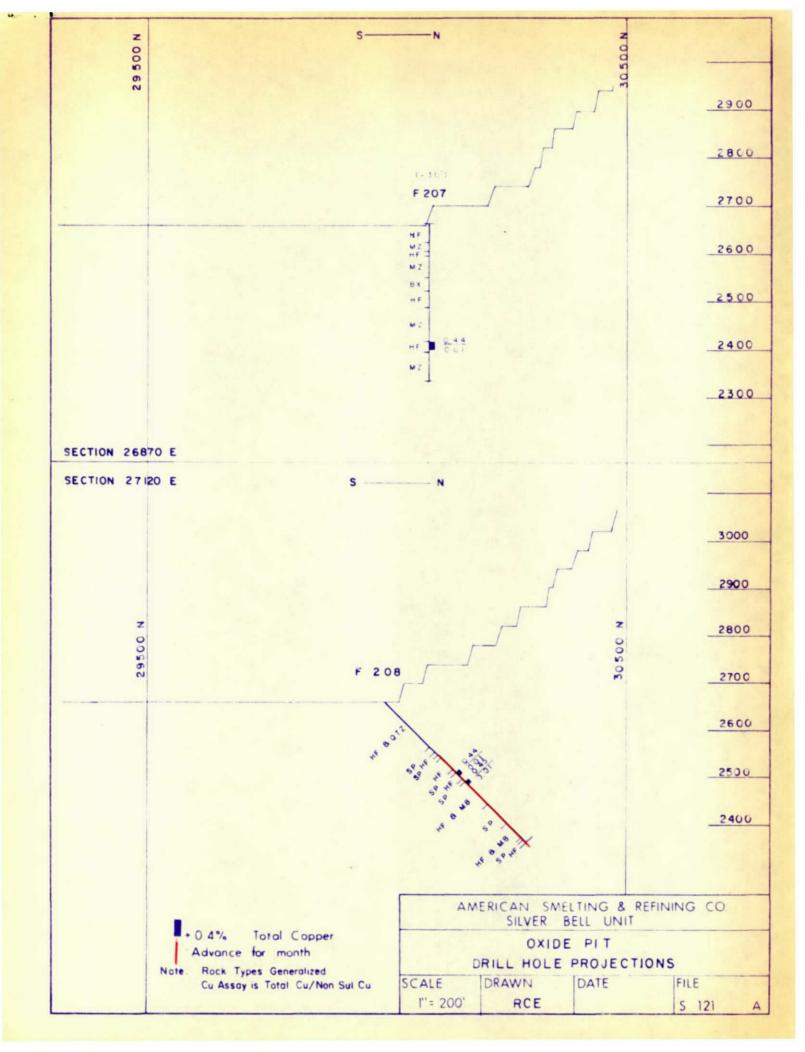
CPPollock A/M

RBMeen

JHCourtright (2)

DRJameson (2)

	Approx		<u>+0.40% (</u>	Copper Lei	nse s			
Hole A	pprox. Coordina	tes	Depth	Thick-	Avg. % Cu	Ft. Drill	. Depth	Final
FT COLUMN STANDS	levation North	East	to Top	ness	<u>Total N.</u>	S. During Mo	<u>End Mo.</u>	<u>Depth</u>
and the same of th			하면서 보다					
F-208 20	661.41 29,996.5	27,117.94	211.0	10.0	0.44 0.	01 260.9	414.4	414.4
			238.8	9.0	0.45 0.	.01		
					TOTAL	260.9		
u waxa kazisi		역 이렇게 되었는데 얼마 아물만씩 먹었다. 맛이					4. 시간이 사람이 사람들이다.	



AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT Silver Bell, Arizona

August 4, 1969

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT -PORTLAND RIDGE AND OXIDE PIT AREAS, JULY, 1969.

One drill was operated throughout the month of July and a second was in use only from the first through the twelfth. Drilling was carried out two shifts per day, six days per week throughout the month. Drill Hole F-204 was completed on Portland Ridge. Holes F-203, 205 and 206 were completed east of Oxide Pit and Portland Ridge. The first of two holes intended to test the altered Paleozoic sediments in Oxide Pit, F-207, was completed, while the second, F-208, an angle hole, was in progress at the end of the month.

No further diamond drill holes are planned at the present and the diamond drilling can be expected to end in early August.

The footage drilled and the average direct drilling cost for July, 1969, are:

<u>Drill</u>	Footage	*Advance Per Shift	Average Direct Cost Per Foot		
Diamond - Truc Diamond - Skic		26.2 23.8	\$ 6.86 10.21		
TOTA	AL <u>1.335.6</u>	Combined Average	<u>\$ 8.17</u>		

* Does not include moving time but does include all other delays.

The attached table summarizes the drilling results.

R. C. Edmiston Resident Geologist

RCE: jca

cc: TASnedden CPPollock A/M RBMeen JHCourtright (2) DRJameson (2) File

DIAMOND DRILLING PROGRESS REPORT - JULY, 1969

Hole No.	Approx. <u>Elevation</u>	Approx. Coordinates North	East	+0.40% Copper Lenses Depth Thick- Avg. % Cu to Top ness Total N.S.	Ft. Drill. During Mo.	Depth End Mo.	Final <u>Depth</u>
F-203	2751.59	27,847.78	31,185.46	No plus 0.40% intervals	78.5	271.5	271.5
F-204	2976.22	28,796.99	29,539.48	176.3 30.4 0.53 0.03	370.0	370.0	370.0
F-205	2764.22	28,506.14	30,585.34	No plus 0.40% intervals	195.0	195.0	195.0
F-206	2984.56	30,169.23	29,547.27		209.0	2 09.0	2 09.0
F-207	2660	30,085	26,870	251.6 11.4 0.44 0.01	329.6	329.6	329.6
*F-208	2660	30,000	27,100	No plus 0.40% intervals	153.5	153.5	153.5

^{*} Angle Hole. Bearing due north at -45°

AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT

Silver Bell,

Arizona

August 4, 1969

AUG 7 1969

AUG 12 1969

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT -

PORTLAND RIDGE AND OXIDE PIT AREAS, JULY, 1969.

One drill was operated throughout the month of July and a second was in use only from the first through the twelfth. Drilling was carried out two shifts per day, six days per week throughout the month. Drill Hole F-204 was completed on Portland Ridge. Holes F-203, 205 and 206 were completed east of Oxide Pit and Portland Ridge. The first of two holes intended to test the altered Paleozoic sediments in Oxide Pit, F-207, was completed, while the second, F-208, an angle hole, was in progress at the end of the month.

No further diamond drill holes are planned at the present and the diamond drilling can be expected to end in early August.

The footage drilled and the average direct drilling cost for July, 1969, are:

<u>Drill</u>	Footage	*Advance Per Shift	Average Direct Cost Per Foot		
Diamond - Truck	812.1	26.2	\$ 6.86		
Diamond - Skid	523.5	23.8	10.21		
TOTAL	1,335.6	Combined Average	<u>\$ 8.17</u>		

^{*} Does not include moving time but does include all other delays.

The attached table summarizes the drilling results.

R. C. Edmiston Resident Geologist

RCE: jca

cc: TASnedden
CPPollock A/M
RBMeen
JHCourtright (2)
DRJameson (2)

DIAMOND DRILLING PROGRESS REPORT - JULY, 1969

Hole No.	Approx. Elevation	Approx. Coordinates		+0.40% Copper Lenses Depth Thick- Avg. % Cu Ft. Drill. Depth	Final
		North	East	to Top ness Total N.S. During Mo. End Mo.	<u>Depth</u>
F-203	2751.59	27,847.78	31,185.46	No plus 0.40% intervals 78.5 271.5	271.5
F-204	2976.22	28,796.99	29,539.48	176.3 30.4 0.53 0.03 370.0 370.0	370.0
F-2 05	2764.22	28,506.14	30,585.34	No plus 0.40% intervals 195.0 195.0	195.0
F-206	2984.56	30,169.23	29,547.27	209.0 209.0	209.0
F-207	2660	30,085	26,870	251.6 11.4 0.44 0.01 329.6 329.6	329.6
*F-208	2660	30,000	27,100	No plus 0.40% intervals 153.5 153.5	153.5

^{*} Angle Hole. Bearing due north at -45°

JHC Desk

AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT

Silver Bell,

Arizona

JUL 8 1969

July 3, 1969

J.H.C.

AUG 8 - 1969

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT -

PORTLAND RIDGE AREA, JUNE, 1969

During the month of June, 1969, one skid and one truck mounted diamond drill were operated two shifts per day, six days per week. All drilling was done on the east end of Portland Ridge. Eight holes were completed and one additional hole was in progress at the end of the month. Only one hole, F-202, contained enough ore to carry the overburden. Three or four more holes are planned to complete the drilling south and east of Oxide Pit for the present time.

The footage drilled and the average direct drilling costs for June, 1969, are:

<u>Drill</u>		Advance Per Footage Shift				Average Direct Cost Per Foot		
Diamond - Diamon		1,310.8 853.4		26.8 25.9		\$ —	7.11 9.09	
	TOTAL	<u>2,164.2</u>	Combi	ned Ave	erage	<u>\$</u>	7,89	

The attached table summarizes the drilling results.

R. C. Edmiston

Resident Geologist

RCE: jca

cc: TASnedden

CPPollock A/M

RBMeen

JHCourtright (2)

DRJameson (2)

		Approx.		<u>-1-0.40% (</u>	Copper Le		inglik di windi danga ne manisiana			
Hole <u>No.</u>	Approx. Elevation	Coordinates North	<u>East</u>	Depth to Top	Thick- ness	Avg. % Total	N.S.	Ft. Drill. <u>During Mo.</u>	Depth End Mo.	Final <u>Depth</u>
F-194	2967.41	28,325.17	29,339.99	No plus	0.40% in	tervals		187.5	281.0	281.0
F-196	2858.31	28,351.43	29,803.07	11 11	H	. 		105.6	105.6	105.6
F-197	2859.77	28,335.69	29,771.50	125.7	56.3	0.48	Nil	228.5	228.5	228.5
F-198	3050	28,450	29,400	229.2 274.9	18.4 18.5	0.73 0.46	Ni1 .01	306.2	306.2	306.2
F-199	2820.32	28,980.42	29,803.41	No plus	0.40% in	tervals		265.8	265.8	265.8
F-200	2826.05	28,619.45	29,917.87	134.1	8.9	0.74	Ni1	247.4	247.4	247.4
F-201	2931.43	28,665.81	29,637.27	247.2	8.5	1.76	Ni1	359.7	359.7	359.7
F-202	2830.31	28,441.98	29,887.53	75.8	114.3	1.12	0.04	270.5	270.5	270.5
F-203	27 50	27,850	31,200	No plus	0.40% in	tervals		<u>193.0</u>	193.0	
						тот	AL	2,164.2		

JUL 8 1969

AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT

Silver Bell,

Side

Arizona

July 3, 1969

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT -

PORTLAND RIDGE AREA, JUNE, 1969

During the month of June, 1969, one skid and one truck mounted diamond drill were operated two shifts per day, six days per week. All drilling was done on the east end of Portland Ridge. Eight holes were completed and one additional hole was in progress at the end of the month. Only one hole, F-202, contained enough ore to carry the overburden. Three or four more holes are planned to complete the drilling south and east of Oxide Pit for the present time.

The footage drilled and the average direct drilling costs for June, 1969, are:

<u>Drill</u>	Footage	Advance Per <u>Footage</u> Shift		
Diamond - Tru		26.8 25.9	\$ 7.11 9.09	
TO	TAL <u>2,164.2</u> Comb	ined Average	<u>\$ 7.89</u>	

The attached table summarizes the drilling results.

R. C. Edmiston Resident Geologist

RCE:jca

cc: TASnedden

CPPollock A/M

RBMeen

JHCourtright (2)

DRJameson (2)

		Approx.		+0.40% (Copper Ler	ises	-			
Hole No.	Approx. Elevation	Coordinates North	<u>East</u>	Depth to Top	Thick- ness	Avg. % Total	Cu N.S.	Ft. Drill. <u>During Mo.</u>	Depth End Mo.	Final Depth
F-194	2967.41	28,325.17	2 9 ,33 9.99	No plus	0.40% int	tervals		187.5	281.0	281.0
F-196	2858.31	28,351.43	29,803.07	11 11	H The second	.n		105.6	105.6	105.6
F-197	2859.77	28,335.69	29,771.50	125.7	56.3	0.48	Ni1	228.5	228.5	228.5
F-198	3050	28,450	29, 400	229.2 274.9	18.4 18.5	0.73 0.46	Ni1 .01	306.2	306.2	306.2
F- 199	2820.32	28,980.42	29,803.41	No plus	0.40% int	tervals		2 65.8	265.8	265.8
F-200	2826.05	28,619.45	29,917.87	134.1	8.9	0.74	Ni1	247.4	247.4	247.4
F-201	2931.43	28,665.81	29,637.27	247.2	8.5	1.76	Ni1	359.7	359.7	359.7
F-202	2830.31	28,441.98	29,887.53	75.8	114.3	1.12	0.04	270.5	270.5	270.5
F-203	2750	27,850	31,200	No plus	0.40% int	tervals		<u>193.0</u>	193.0	
						тот	AL	2,164.2		

AMERICAN SMELTING AND REFINING COMPANY
SILVER BELL UNIT
Silver Bell, Arizona

J. H. C. JUN 6-1969

5 - Jan 14

June 5, 1969

MEMORANDUM TO: Mr. D. R Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT - West Oxide and Portland Ridge Areas, May 1969

Two skid and one truck mounted diamond drills were operated two shifts per day, six days per week, throughout the month of May, 1969. Holes F-183 and F-189 were completed in the West Oxide area. All of the remaining eight holes were drilled on Portland Ridge. Five holes on Portland Ridge, three on the east end and two on the west, contained enough mineralization to carry the overburden.

The footage drilled and the average direct drilling costs for May, 1969, are:

<u>Drill</u>	<u>Footage</u>	Advance Per Shift	Average Direct Cost Per Foot		
Diamond - Tru Diamond - Ski		27.7 26.7	\$ 7.00 <u>9.27</u>		
TOT	TAL <u>2,958.4</u>	Combined Avg:	<u>\$ 8.29</u>		

The attached table summarizes the drilling results.

R. C. Edmiston Resident Geologist

RCE: jca

cc: TASnedden

CPPollock A/M

RBMeen

JHCourtright (2)

DRJameson (2)

		Approx.		+0.40%	Copper Ler	ises				
Hole	Approx.	Coordinates		Depth	Thick-	Avg. %		Ft. Drill.	Depth	Final
<u>No.</u>	Elevation	North	<u>East</u>	to top	<u>ness</u>	<u>Total</u>	<u>N.S.</u>	During Mo.	End Mo.	<u>Depth</u>
F-183	2762.22 portland	28,033.96	24,207.67	No +0.40)% interva	ıls		101.0	301.0	301.0
F-185	3136.62	28,449.22	27,669.85	114.0 260.5	54.6 65.2	0.46 0.66	Nil Nil	431.0	451.2	451.2
F-188	2981.16	28,582.01	29,487.86	82.6 311.5	190.4 76.6	0.67 0.61	0.01 <u>~</u> 0.01 <u>~</u>	456.2	456.2	456.2
F-189	westoxic	<u>.</u>		164.0	27.0	1.06	0.55 ~	229.0	229.0	229.0
F-190	2916.13	29,047.20	29,483.24	94.1 165.4	12.9 20.5	0.52 1.14	Ni1 0.03	247.0	247.0	247.0
F-1 91	3035.10	28,531.79	27,210.27	206.0	52.7	0.71	0.02	391.2	391.2	391.2
F-192	2907.20	28,858.92	29,657.05	105.0 229.0	69.0 46.0	0.79 0.71	0.01 - 0.01 -	386.0	386.0	386.0
F-193	3017.04	28,905.09	29,332.60	67.0 135.7	7.8 9.3	0.66 0.51	0.01 0.01	310.8	310.8	310.8
F-194	3000	28,360	29,350	No +0.40)% interva	ls		93.5	93.5	
F-195	2950	28,460	29,620	132.0	151.5	1.01	0.01 —	312.7	312.7	312.7
	기가 있다. 설명 일본의 독등 최신성연공						TOTAL	<u>2,958.4</u>		

AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT

Silver Bell,

Arizona

June 5, 1969

MEMORANDUM TO: Mr. D. R Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT West Oxide and Portland Ridge Areas, May 1969

Two skid and one truck mounted diamond drills were operated two shifts per day, six days per week, throughout the month of May, 1969. Holes F-183 and F-189 were completed in the West Oxide area. All of the remaining eight holes were drilled on Portland Ridge. Five holes on Portland Ridge, three on the east end and two on the west, contained enough mineralization to carry the overburden.

The footage drilled and the average direct drilling costs for May, 1969, are:

<u>Drill</u>	<u>Footage</u>	Advance Per Shift	Average Direct Cost Per Foot		
Diamond - Truck Diamond - Skid	1,275.7 1,682.7	27.7 26.7	\$ 7.00 9.27		
TOTAL	<u>2,958.4</u>	Combined Avg:	<u>\$ 8.29</u>		

The attached table summarizes the drilling results.

R. C. Edmiston Resident Geologist

RCE:jca

cc: TASnedden

CPPollock A/M

RBMeen

JHCourtright (2)

DRJameson (2)

		Approx.		<u>+0.40% (</u>	Copper Len	ises				
Hole No.	Approx. Elevation	Coordinates North	East	Depth to top	Thick- ness	Avg. % Total	Cu N.S.	Ft. Drill. <u>During Mo.</u>	Depth <u>End Mo.</u>	Final <u>Depth</u>
F-183	2762.22	28,033.96	24,207.67	No +0.40)% interva	1 s		101.0	301.0	301.0
F-185	3136.62	28,449.22	27,669.85	114.0 260.5	54.6 65.2	0.46 0.66	Nil Nil	431.0	451.2	451.2
F-188	2981.16	28,582.01	29,487.86	82.6 311.5	190.4 76.6	0.67 0.61	0.01 0.01	456.2	456.2	456.2
F-1 89				164.0	27.0	1.06	0.55	229.0	229.0	229.0
F-190	2916.13	29,047.20	29,483.24	94.1 165.4	12.9 20.5	0.52 1.14	Nil 0.03	247.0	247.0	247.0
F-191	3035.10	28,531.79	27,210.27	206.0	52.7	0.71	0.02	391.2	391.2	391.2
F-192	2907.20	28,858.92	29,657.05	105.0 229.0	69.0 46.0	0.79 0.71	0.01 0.01	386.0	386.0	386.0
F-193	3017.04	28,905.09	29,332.60	67.0 135.7	7.8 9.3	0.66 0.51	0.01 0.01	310.8	310.8	310.8
F-194	3000	28,360	29,350	No +0.40)% interva	1s		93.5	93.5	
F- 195	2950	28,460	29,620	132.0	151.5	1.01	0.01	312.7	312.7	312.7
							TOTAL	2 ,958.4		

AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT Arizona

Silver Bell,

J. H. C. MAY 1 2 1969 40 TH 44 H

May 6, 1969

MEMORANDUM TO: Mr. D. R. JAMESON, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT

Portland Ridge, West Oxide, and North Silver

Bell Areas, April, 1969.

Two skid and one truck mounted diamond drills were operated two shifts per day, six days per week, throughout the month of April, 1969. Drill holes F-180, 182, and 184 were completed on Portland Ridge. Holes F-181, 183, 186, and 187 were completed in the west oxide area, north of the Precipitation Plant. Two holes, D-313 and D-314, were completed in the North Silver Bell Area for assessment work.

Two holes on Portland Ridge, F-180 and F-184, and one hole in the west oxide area, F-183, encountered economic ore thicknesses.

The footage drilled and the average direct drilling costs for April, 1969, are:

	<u>Drill</u>	Footage	*Advance Per Shift	Average Direct Cost per Foot
		1,176.7 1,223.4	30.2 25.0	\$ 6.72
• • • • •	TOTAL	<u>2,400.1</u>	Combined Avg.	\$ 9.26

* Does not include moving time but does include all other delays.

The attached table summarizes the drilling results.

R.C. Edmision R. C. Edmiston

Resident Geologist

RCE: jca

cc: TASnedden

CPPollock A/M

RBMeen

JHCourtright (2)

DRJameson (2)

		Approx.		+0.40%	Copper L	enses				
Hole	Approx.	<u>Coordinate</u>		Depth	Thick-	Avg. %	Cu	Ft. Drill.	Depth	Final
No.	Elevation	North	East	to Top	ness	<u>Total</u>	<u>N.S.</u>	During Mo.	End Mo.	<u>Depth</u>
F-180	3050	28,545	29,340	160.4 357.2	130.5 46.8	0.67 0.70	Nil Nil	455.8	455.8	455.8
F-181	2761.92	27,998.10	24,408.92	14.0 59.1	45.1 32.2	1.30 1.59	0.74 0.07	246.5	246.5	246.5
F-182	3075	28,330	27,380	258.6	9.1	0.45	Nil	397.0	397.0	397.0
F-183	2762.22	28,033.96	24,207.67	62.9 80.7	17.8 89.3	0.59 0.54	0.39	200.0	200.0	
F-184	3055	28,710	29,350	90.2	221.2	0.42	0.01	350.4	350.4	350.4
F-185	3140	28,440	27,700	No plus	0.40% i	nterva ls		20.2	20.2	
F-186	2770	28,100	24,000	69.0 96.8 121.0	18.7 24.2 19.0	0.74 0.61 0.61	0.60 0.35 0.01	180.0	180.0	180.0
F-187	2730	27,850	24,250	85.4 115.7 135.2	11.3 11.8 6.5	0.42 0.71 0.42	0.01 0.02 0.01	141.2	141.7	141.7
D-313	2510	42,940	15,960	20.0 93.0 164.5 199.9	30.6 5.5 8.5 9.1	0.57 0.73 0.40 1.15	0.34 Nil Nil Nil	209.0	209.0	209.0
D-314	2620	41,410	17,540	52.0	26.5	0.56	Ni1	200.0	200.0	200.0

AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT

Silver Bell,

Arizona

May 6, 1969

MEMORANDUM TO: Mr. D. R. JAMESON, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT Portland Ridge, West Oxide, and North Silver

Bell Areas, April, 1969.

Two skid and one truck mounted diamond drills were operated two shifts per day, six days per week, throughout the month of April, 1969. Drill holes F-180, 182, and 184 were completed on Portland Ridge. Holes F-181, 183, 186, and 187 were completed in the west oxide area, north of the Precipitation Plant. Two holes, D-313 and D-314, were completed in the North Silver Bell Area for assessment work.

Two holes on Portland Ridge, F-180 and F-184, and one hole in the west oxide area, F-183, encountered economic ore thicknesses.

The footage drilled and the average direct drilling costs for April, 1969, are:

<u>Drill</u> <u>Footage</u>	*Advance Per Shift	Average Direct Cost per Foot
Diamond - Truck 1,176.7 Diamond - Skid 1,223.4	30.2 25.0	\$ 6.72
TOTAL <u>2,400.1</u>	Combined Avg.	<u>\$ 9.26</u>

* Does not include moving time but does include all other delays.

The attached table summarizes the drilling results.

R.C. Edmeston R. C. Edmiston

Resident Geologist

RCE: jca

cc: TASnedden CPPollock A/M RBMeen JHCourtright (2) DRJameson (2) File

		Approx.		+0.40%	Copper Le					
Hole	Approx.	<u>Coordinate</u>		Depth	Thick-	Avg. %	Cu	Ft. Drill.	Depth	Final
No.	Elevation	North	East	to Top	ness	<u>Total</u>	N.S.	During Mo.	End Mo.	<u>Depth</u>
F-180	3050	28,545	29,340	160.4 357.2	130.5 46.8	0.67 0.70	Nil Nil	455.8	455.8	455.8
F-181	2761.92	27,998.10	24,408.92	14.0 59.1	45.1 32.2	1.30 1.59	0.74 0.07	246.5	246.5	246.5
F-182	3075	28,330	27,380	258.6	9.1	0.45	Ni1	397.0	397.0	397.0
F-183	2762.22	28,033.96	24,207.67	62.9 80.7	17.8 89.3	0.59 0.54	0.39 0.01	200.0	200.0	
F-184	3055	28,710	29,350	90.2	221.2	0.42	0.01	350.4	350.4	350.4
F-185	3140	28,440	27,700	No plus	0.40% in	tervals		20.2	20.2	
F-186	2770	28,100	24,000	69.0 96.8 121.0	18.7 24.2 19.0	0.74 0.61 0.61	0.60 0.35 0.01	180.0	180.0	180.0
F-187	2730	27,850	24,250	85.4 115.7 135.2	11.3 11.8 6.5	0.42 0.71 0.42	0.01 0.02 0.01	141.2	141.7	141.7
D-313	2510	42,940	15,960	20.0 93.0 164.5 199.9	30.6 5.5 8.5 9.1	0.57 0.73 0.40 1.15	0.34 Nil Nil Nil	209.0	209.0	209.0
D-314	2620	41,410	17,540	5 2. 0	26.5	0.56	Nil	200.0	200.0	200.0

AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT

Silver Bell,

Arizona

J. H. C

April 1, 1969

APR 5 1969

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT

PORTLAND RIDGE, MARCH, 1969

Two skid mounted diamond drills were operated two shifts per day, six days per week throughout the month of March, 1969. In addition, one truck mounted drill was in use the last week of the month. Five vertical holes and one angle hole were completed, all on Portland Ridge. Only one hole, F-175, encountered an economic thickness of chalcocite ore.

The footage drilled and the average direct drilling costs for March, 1969, are:

	*Ac	lvance per	Avg. Di	lrect
<u>Drill</u> <u>Foota</u>	ge	Shift	Cost/Fo	oot
존점로 이 시민은 중화를 하고 있다.				
Diamond - Truck 390	1.5	32.6	\$ 7.00)
Diamond - Skid <u>1,631</u>		18.4	8.97	
Total 2,022	.1 Combin	ed Avg.	\$ 8.59)

^{*} Does not include moving time but does include all other delays.

The attached table summarizes the drilling results.

R. C. Edmiston Resident Geologist

C. Colmistor

RCE: jca

cc: TASnedden
CPPollock A/M
REMeen
JHCourtright (2)
DRJameson (2)

		Approx.		<u>+0.40% (</u>	Copper	Lenses				
Hole	Approx.	Coordinate	S	Depth	Thick-	Avg. %	Cu	Ft. Drill.	Depth	Final
No.	<u>Elevation</u>	<u>North</u>	East	to Top	ness	<u>Total</u>	<u>N.S.</u>	During Mo.	End Mo.	<u>Depth</u>
F-174	3016.42	28,241.76	28,030.81	No plus	0.40%	intervals		42.0	300.0	300.0
F-1 75	3164.82	28,500.01	27,581.14	254.0	160.9	0.66	0.01	421.4	468.4	468.4
*F-1 76	3016.42	28,241.76	28,030.81	45.2	34.3	0.44	0.01	325.3	325.3	325.3
F-177	3016.87	28,266.78	27,901.60	317.4 352.2	9.4 19.8	0.63 0.53	0.02 0.10	406.5	406.5	406.5
F-178	3098	28,38 0	27,540	216.6 315.5	32.9 56.4	0.55 0.48	Nil W	436.4	436.4	436.4
F-179	2841.23	28,541.44	26,836.32	No plus	0.40%	intervals		390.5	390.5	390.5
						TOT	AL	2,022.1		

^{*} F-176 drilled S80°E from F-174 at an angle of -55°.

Mr. J. H. Courtright

AMERICAN SMELTING AND REFINING COMPANY
SILVER BELL UNIT
Silver Bell, Arizona

J.H.C. MAR 5 1969

MAR 5 1969

40 - 12 4 12.

March 4, 1969

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: MONTHLY REPORT - SILVER BELL UNIT DRILLING PROGRAM

PORTLAND RIDGE, February, 1969

During February, 1969, two skid-mounted diamond drills were operated two shifts per day, six days per week, on the south side of Portland Ridge. Two vertical holes and one angle hole were completed and two vertical holes were in progress at the end of the month. Of the 1,311.2 feet drilled in February, 356.1 feet, or 27%, was drilled in ore.

The footage drilled and the average direct drilling costs for February, 1969, are:

1Total Footage: 1,311.2 feet. 2Average Advance per Shift: 19.0 feet. 2Average Direct Cost per Ft. \$9.52

Does not include moving time but does include all other delays.

²Increase in cost per foot due to a high ratio of moving to drilling time during the month and also an increase in moving and delay charges.

The attached table summarizes the drilling results.

R. C. Edmiston

Resident Geologist

RCE: jca

cc: TASnedden

CPPollock A/M

RBMeen

JHCourtright (2)

DRJameson (2)

	+0.40%	Copper	Lenses						
Hole	Approx.	Coordinate	S	Depth	Thick			Feet Drill.	Depth at
No.	Elevation	North	East	to Top	ness	<u>Total</u>	<u>N.S.</u>	During Mo.	End Month
F-171	3186.72	28,487.41	28,092.10	2 41.6	9.2	0.47	0.01	184.3	425.9
*F-172	3186.72	28,487.41	28,092.10	180.2	96.5	1.15	0.01		445.5
				2 96.7	9.4	0.43	Nil.		
	74, 2 g 43 7 1 2 2 g - 5 2 g 1 - 1 1 1 5 2 2 f 1 5 1 2 g 2 3 4 7			3 43.9	19.4	0.62	Nil.		
				404.0	13.0	0.69	0.05		
F-173	3165.16	28,458.02	27,848.32	96.0	198.6	0.63	0.01	376.4	376.4
F-174	3016.42	28,241.76	28,030.81	155.9	10.0	0.64	0.07	258. 0	258.0
F-175	3130	28,450	27,600	No plus	0.40%	intervals		47.0	47.0
						T	OTAL	<u>1,311.2</u>	

^{*} F-172 drilled due east from F-171 at an angle of 60°.

Final

Depth

425.9

445.5

376.4

AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT

Arizona

J. H. C. FEB 4 1969

February 3, 1969

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Silver Bell.

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT

PORTLAND RIDGE AREA.

During January, 1969, two skid-mounted diamond drills were operated two shifts per day, six days per week, on the south side of Portland Ridge. Angle holes F-166, F-169 and F-170, and vertical hole F-168 were completed while vertical hole F-171 was in progress at the end of the month. Of the 1,401.6 feet drilled in January, 527.1 feet, or 38%, was drilled in ore.

The footage drilled and the average direct drilling costs for January, 1969, are:

Footage Drill Drilled	*Advance Per Shift	Average Direct Cost Per Foot
Diamond , Skid, Angle 1,026.5 Diamond, Skid, Vertical 375.1	18.0 34.1	\$ 8.85 <u>8.64</u>
Total <u>1,401.6</u>	Combined Aver	• <u>\$ 8.79</u>

^{*} Does not include moving time but does include all other delays.

The difference in the advance per shift between vertical and angle holes is due mostly to the difference in hole depth and mechanical differences in the drills being used.

The attached table summarizes the drilling results.

R. C. Edmiston

Resident Geologist

RCE: jca

cc: TASnedden

CPPollock A/M

RBMeen

JHCourtright (2)

DRJameson (2)

Hole No.	Approx.	Approx. Coordinate North	s East	+0.40% (Depth to Top	Copper Le Thick- ness	enses Avg. % Total		Feet Drill. During Mo.	Depth at <u>End Month</u>	Final Depth
1 _{F-166}	3153.14	28,532.15	28,571.02	No +0.4	40% inter	vals		110.0	747.0	747.0
→ F-168	3110.55	28,358.43	28,134.76	367.0	40.4	0.46	0.01 4	133.5	500.5	500.5
→ ² _{F-169}	3110.55	28,358.43	28,134.76	114.8 175.7	10.2 169.8	0.42 0.46	0.03	490.8	490.8	490.8
3 F-170	3153.14	28,537.15	28,571.02	201.0	209.7	0.71	0.04	425.7	425.7	425.7
→ F-171	3175	28,490	28,100	144.5	97.1	1.12	0.02 ~	241.6	241.6	-
				241.6		TOTA	L ·	1,401.6		

- 1. F-166 drilled due east from F-162 at an angle of -55°
- 2. F-169 drilled S75°E from F-168 at an angle of -60°
- 3. F-170 drilled due north from F-162 at an angle of -60°

AMERICAN SMELTING AND REFINING COMPANY
SILVER BELL UNIT
Silver Bell. Arizona

J. H. C.
JAN 9 1969

January 7, 1969

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT

PORTLAND RIDGE AREA.

During December, 1968, two skid mounted diamond drills were operated two shifts per day, six days per week on the south side of Portland Ridge. Angle holes F-165 and F-167 were completed while angle hole F-166 and vertical hole F-168 were in progress at the end of the month. Of the 1,523.2 feet drilled in December, 638.1 feet or 42%, was drilled in ore.

The footage drilled and the average direct drilling costs for December, 1968, are:

<u>Drill</u>	Footage	*Advance	Average Direct
	<u>Drilled</u>	per Shift	Cost per Foot
Diamond - Skid - Angle		17.2	\$ 7.35
Diamond - Skid - Verti		36.7	10.41
TOTAL	1,523.2		
Combi	ned Average		\$ 8.09

^{*} Does not include moving time but does include all other delays.

The attached table summarizes the drilling results,

R. C. Edmiston Resident Geologist

RCE: jca

cc: TASnedden
CPPollock A/M
RBMeen
JHCourtright (2)
DRJameson (2)
File

Hole		Coordinate	: :S	Depth	Copper L Thick-	Avg.	% Cu	Ft. Drill.	Depth	Final
No.	Elevation	North	East	to Top	ness	Total		During Mo.	End Mo.	Depth
1 F-165	3113.26	28,388.59	27,996.32	No plus	0.40% i	nterval	ls	43.9	575.2	575.2
² F-166	3153.14	28,532.15	28,571.02	324.9 371.5 418.0 609.4	8.9 14.8 89.6 27.6	0.50 0.47 0.49 0.55	0.02 0.01 0.02 0.01	637.0	637.0	637.0
3 _{F-167}	3113.26	2 8, 3 88.59	27,996.32	98.7	342.7	0.61	0.02	475.3	475.3	475.3
F- 168	3110.55	28,358.43	28,134.76	149.2 230.5	18.0 136.5	0.45 1.04	0.03 0.05	367.0	367.0	
							TOTAL	1,523.2		

1 F-165 drilled due east from site of F-163 at an angle of -48° 2 F-166 " " " " " F-162 " " " " -55° 3 F-167 " " north " " F-163 " " " " -50°

AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT

Silver Bell,

Arizona

January 7, 1969

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT

PORTLAND RIDGE AREA.

During December, 1968, two skid mounted diamond drills were operated two shifts per day, six days per week on the south side of Portland Ridge. Angle holes F-165 and F-167 were completed while angle hole F-166 and vertical hole F-168 were in progress at the end of the month. Of the 1,523.2 feet drilled in December, 638.1 feet or 42%, was drilled in ore.

The footage drilled and the average direct drilling costs for December, 1968, are:

	Drill	化邻苯基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲	Footage Drilled	*Advance per Shift	Average Cost per	
Diamond -	Skid -	Angle	1,156.2		\$ 7.35 _10.41	
	TOTAL	Combined A	1,523.2 Average		\$ 8.09	

^{*} Does not include moving time but does include all other delays.

The attached table summarizes the drilling results,

R.C. Edmiston
Resident Geologist

RCE:jca

cc: TASnedden CPPollock A/M RBMeen

JHCourtright (2)

DRJameson (2)

Hole	reference control que en entre partiere en la trace a compara del control del	Coordinate	s	Depth	Thick-	Lenses Avg.	% Cu	Ft. Drill.	Depth	Final
No.	Elevation	North	East	to Top	ness	Total	<u>N.S.</u>	During Mo.	End Mo.	<u>Depth</u>
1 F-165	3113.26	28,388.59	27,996.32	No plus	0.40%	interva	ls	43.9	575.2	575.2
2 F-166	3153.14	28,532.15	28,571.02	324. 9	8.9	0.50	0.02	637.0	637.0	637.0
				371.5	14.8	0.47	0.01			
				418.0	89.6	0.49	0.02			
				609.4	27.6	0.55	0.01			
3 _{F-167}	3113.2 6	28,388.59	27,996.32	98.7	342.7	0.61	0.02	475.3	475.3	475.3
F-168	3110.55	28,358.43	28,134.76	149.2	18.0	0.45	0.03	367.0	367.0	
				230.5	136.5	1.04	0.05			
							TOTAL	1,523.2		

1 F-165 drilled due east from site of F-163 at an angle of -48°
2 F-166 " " " " F-162 " " " -55°
3 F-167 " " north " " F-163 " " " -50°

AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT Silver Bell, Arizona

J. H. C. DEC 9 - 1968

December 4, 1968

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT PORTLAND RIDGE AREA.

During November, 1968, two skid mounted drills operated two shifts per day, six days per week on the south side of Portland Ridge. Vertical holes F-162 and F-163 and angle hole F-164 were completed. Angle hole F-165 was nearly completed and angle hole F-166 was started.

The footage drilled and the average direct drilling costs for November, 1968, are:

<u>Drill</u>	Footage <u>Drilled</u>	Advance Per Shift	Average Direct Cost Per Foot
Diamond - Skid - Vertical Diamond - Skid - Angle	613.3 1,178.1	23.6 21.8	\$ 7.01 <u>8.08</u>
TOTAL	1,791.4		
	Combined a	verage	\$ 7.71

The attached table summarizes the drilling results.

L. J. Jansen Geologist

LJJ; jca

cc: TASnedden
CPPollock A/M
RBMeen
JHCourtright (2)
DRJameson (2)
File

DIAMOND DRILLING PROGRESS REPORT - NOVEMBER, 1968

				+0.40%	Copper L	enses				
Hole		Coordinates		Depth	Thick-	Avg.		Ft. Drill.	Depth	Final
No.	Elevation	North	East	to Top	ness	Total	N.S.	During Mo.	End Mo.	<u>Depth</u>
F-162	3153.14	28,532.15	28,571.02	3 89.8	17.9	0.49	0.03	195.2	525.9	525. 9
F-163	3113.26	28,388.59	27,996.32	125.7	183.0	1.10	0.02	418.1	521.5	521.5
				441.8	27.7	0.53	0.01			
	-47° angle	hole, drille	d due							
F-164		site of $F-162$		231. 9	67.1	0.51	0.02	646.8	646.8	646.8
Salah Kat				338.4	24.9	0.52	0.01			
				431.0	12.0	0.70	Nil			
				573.0	10.9	0.44	0.01			
	45° Angle	hole, drille	d due							
F-165		site of F-163		196.5	118.3	0.56	0.01	531.3	531.3	
	450 Angle 1	nole, drilled	due							
F-166	East from s	site of F-162						0.0		
						TOTAL		<u>1,791.4</u>		

AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT Silver Bell, Arizona

December 4, 1968

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT

PORTLAND RIDGE AREA.

During November, 1968, two skid mounted drills operated two shifts per day, six days per week on the south side of Portland Ridge. Vertical holes F-162 and F-163 and angle hole F-164 were completed. Angle hole F-165 was nearly completed and angle hole F-166 was started.

The footage drilled and the average direct drilling costs for November, 1968, are:

<u>Dri</u>	<u>11</u>		Footage <u>Drilled</u>	Advance Per Shift	Average Di Cost Per F	
Diamond - Diamond -		- Vertical - Angle	613.3 1,178.1	23.6 21.8	\$ 7.01 8.08	
		TOTAL	1,791.4			
			Combined &	verage	\$ 7.71	

The attached table summarizes the drilling results.

L. J. Jansen Geologist

LJJ:jca

File

cc: TASnedden
CPPollock A/M
RBMeen
JHCourtright (2)
DRJameson (2)

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DIAMOND DRILLING PROGRESS REPORT - NOVEMBER, 1968

TOTAL

1,791.4

				+0.40%	Copper Le	enses				
Hole No.	Elevation	Coordinates North	East	Depth to Top	Thick- ness	Avg. 7 Total		Ft. Drill. <u>During Mo.</u>	Depth End Mo.	Final <u>Depth</u>
F-162	3153.14	28,532.15	28,571.02	389.8	17.9	0.49	0.03	195.2	525.9	525.9
F-163	3113.26	28,388.59	27,996.32	125.7 441.8	183.0 27.7	1.10 0.53	0.02 0.01	418.1	521.5	521.5
		hole, drille	d due							
F-164	west from s	ite of F-162		231.9 338.4 431.0	67.1 24.9 12.0	0.51 0.52 0.70	0.02 0.01 Nil	646.8	646.8	646.8
				573.0	10.9	0.44	0.01			ani salah Mari dan dalah Mari dan dalah
		hole, drilled	l due							
F-165	East from s	ite of F-163		196.5	118.3	0.56	0.01	531.3	531.3	-
F-166		ole, drilled ite of F-162	due							
	East IIOM S	ite of F-102						0.0		

Silver Bell,

Arizona

J.H.E. OCT 7 1968

October 4, 1968

MEMORANDUM TO: Mr. D. R. Jemeson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT

EL TIRO PIT, OXIDE PIT AND PORTLAND RIDGE AREAS.

During September, 1968, two drills were operated two shifts per day, six days per week. A truck mounted diamond drill drilled throughout the month on hole D-312 in El Tiro Pit. Another truck mounted drill completed F-160 in Oxide Pit and was replaced by a skid mounted drill which began F-161 on Portland Ridge.

The footage drilled and the average direct drilling costs for September, 1968 are:

<u>Drill</u>	Footage	Advance	Average direct
	<u>Drilled</u>	<u>Per Shift</u>	Cost Per Foot
Diamond - Tra		16.7	\$ 8.47
Diamond - Sk:		13.5	22.42*
TOTAL	1,247.6	Combined Ave	er. \$ 9.35

Whigh cost per foot due to dividing total moving cost by small footage drilled during month.

The attached table summarizes the drilling results.

R. C. Edmiston

Resident Geologist

RCE: jca

ec: TASnedden
CPPOLLOCK A/M
RBMeen
JHCourtright (2)
DRJameson (2)
File

DIAMOND DRILLING PROGRESS REPORT - September 1968

		Approxo	Approx. Coordinates	•	40. Dep		pper Le Thick-		Cu	Ft.Drill.	Depth	Final
	Hole No.		North	East	to !	and the second second	uess Tutev-	Avg. A Total	N.S.	During Mo.	End Mo.	Depth
٧	D-312	2588.26	35,994.55	16,464.31	No ·	40° 40%	interv	als		820.1	1385.7	æ
<i>></i>	`F-160	2664.30	29,646.85	27,731.34	98	89	69			346.3	1500.0	1500.0
>	> F-161	3120	28,400	27,750	49	19				81.2	81.2	45 1

TOTAL 1,247.6

Silver Bell,

Arizona

J. M. C SEP 1 1 1968

September 10, 1968

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT

NORTHWEST SILVER BELL, EL TIRO FIT AND

OXIDE PIT AREAS, August, 1968

During the month of August, 1968, two truck mounted drills were operated two shifts per day, six days per week. The first proposed deep hole was begun in El Tiro Pit after the completion of the third in a series of holes testing magnetic anomallies in the Northwest Silver Bell area. Work continued on the first deep hole in Oxide Pit throughout the month.

The footage drilled, average advance per shift and average direct cost per foot for the month of August, 1968 are:

Total Footage: 2,287.7 feet. Average advance per shift: 21.2 feet. Average direct cost per foot: \$7.52

The attached table summarizes the drilling results.

R. C. Edmiston Resident Geologist

RCE:jca

cc: TASnedden

CPPollock A/M

RBMeen

JHCourtright (2)

DRJameson (2)

DIAMOND DRILLING PROCRESS REPORT - August 1968

	Hole No.	Approx. <u>Elevation</u>	Approx. <u>Coordinates</u> <u>North</u>	East.	+0,40% C Depth to Top		Avg. 7	N.S.	Ft. Drill. <u>During Mo.</u>	Depth <u>End Mo.</u>	Final <u>Depth</u>
>	D-311	2770	38,700	14,700	119.0 572.5	16.4 26.4	1.05 0.52	0.10	658.4	658.4	658.4
	D-312	2590	36,000	16,400	5.0 83.0 175.9 458.9	31.5 21.4 10.7 8.4	0.70 0.52 0.41 0.46	0.02 0.02 0.02 0.01	565.6 1224.0	565.6	
>	7-160	2,664.30	29,646.85	27,731,36	90.0 782.0	9.0	0.42 0.90	0.01	1,063.7	1,153.7	
									11247.6 4374.8 1224	- / C	, Lolos

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AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT

Silver Bell,

Arizona

August 5, 1968

J.H.C. AUG 19 1968

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT-

EL TIRO PIT, MORTHWEST SILVER BELL, NORTH BUTTE,

AND OXIDE PIT AREAS, July, 1968

During the month of July, 1968, two truck mounted diamond drills were operated one or two shifts per day, six days per week. (The reduction in shifts was due to vacations.) At the beginning of the month one drill was completing D-308 in El Tiro Pit while the other was drilling magnetic anomalizes in the Northwest Silver Bell area. The drill in El Tiro Pit was moved to North Butte, where F-158 and F-159 were drilled, and then to Oxide Pit where the first of two proposed 1,500 foot holes was collared on the 2660 level. The other drill remained in the Northwest Silver Bell area throughout the month.

The footage drilled and the average direct drilling cost for the month of July, 1968 are:

Total footage: 2,063.5 feet. Average advance per shift: 22.7 feet. Average direct cost per foot: \$7.22.

The attached table summarizes the drilling results.

R. C. Edmiston Resident Geologist

RCE:jca

cc TASnedden
CPFollock A/M
RBMeen
JHCourtright (2)
DRJameson (2)
File

PAGE DE DETLLING PROGRESS REPORT - July, 1968

	acle No.	Approx. Elevatión	Approx. Coordinates North	East	Depth to Top	Thick-		N.S.	Pt. Drill. During Mo.	Depth Rad No.	Pinel Depth
ElTiro	⊒~303 ·	2,712.51	37,463.49	15,951.56	No plus	0.40%	this int	erval	296.4	947.9	947. 9
	P 309 ·	2,694.46	39,701.14	14,456.14	f1 17	11	†1	*1	436.2	510.0	510.0
	75-310 .	2700	39,480	14,900	402.3 518.9	35.7 15.1	0.89 4.46	0. 01 0.01	590.4	590.4	590.4
North Buth	F-158 ·	2910	30,660	22,850	No plus	0.40%	Cu this	interval.	297.8	297,8	297.8
60	F-159 .	2900	30,900	23,050	n u	11	£1 11	! 1 -	352.7	352.7 ·	352.7
Oxide	F-160 .	2660	29,65	27,800	# H	81	37 16	,,	90.0	90.0	•
								Total	2.063.5	•	,

. .

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5-1.1

AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT

Silver Bell,

Arizona

JUL 1 1 1968

J. H. C.

July 8, 1968

JUL 12 1968

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT -

MORTH EL TIRO HILL AND DANUER AREAS, June, 1968

During the month of June 1968, two drills were operated, two shifts per day, six days per week. A skid mounted angle hole drill completed hole F-154 and was then replaced by a truck mounted drill which drilled two vertical holes, F-156 and F-157 in the Danube area. This drill has now been moved to the North El Tiro area to drill Magnetic Anomallies. An attempt was made to deepen churn drill hole 200E, but this failed due to bad hole conditions and the drill was then moved to the west end of El Tiro Pit, 2710 level, to drill an additional deep hole.

The footage drilled and the average direct drilling costs for June, 1968 are:

Drill Control of the Control of the	Footage Average Advance Drilled per Shift	Avg. Direct Cost/Foot
Diamond - Truck Diamond - Skid, angle	1,724.6 19.7' 27.3'	\$ 7.36 11.79
Total:	1,751.9 Combined Avg:	\$ 7.43

The attached table summarizes the drilling results.

R. C. Edmiston Resident Geologist

RCE: jca

cc: TASnedden

CPPollock A/M

RBMeen

JHCourtright (2)

DRJameson (2)

DIAMOND DRILLING PROCESS REPORT - June 1968

	- A				+0.407	Conner Le					
	Hole No.	Approx. Elevation	Coordinate.	Esst	Depth to Top	Thick-	Ave. 1	Cu Halla	Pt. Brill. During Mo.	Depth End No.	Pinel Depth
V	F-154	2880.75	30,638.04	23,372.93	No plus	0.40% Cu	chis i	stervel	27.3	678.8	678.8
V_{i}	F-156	7 testis	sedimen		350.1	9.9	0.68	1861	451.5	451.5	- 451.5
\(\sigma\)	P-15 7	interce	the same	_	77.6 114.3 - 300.1 - 347.9	9.8 23.3 19.7 19.6	0.50 0.45 0.91 0.48	0.01 0.02 0.02 M11		498.3	45.1
	oceph ha	ole to tes	ot sed in	nonds	283.5	17.2 20.2 9.2 9.3 45.7 38.0	0.99 0.43 0.43 0.86 0.52 0.49	0.67 0.02 0.02 0.02 0.01	691. \$ 	631.5	
w	D-309	m #6	grade i	s low.		0.40% Cu	this i	nterval	73.6	73.8	
		2887.68 at onl w/estu trace ngle hole - Si	asest	15,937.31 Leike		0.401 Cu	201	&	1.291.3	338.7	
	\					1.			te week	in the second of	

dee pening old chern drilf

Silver Bell,

Arizona

July 8, 1968

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT -MORTH EL TIRO HILL AND DANUEE AREAS, June,

During the month of June 1968, two drills were operated, two shifts per day, six days per week. A skid mounted angle hole drill completed hole F-154 and was then replaced by a truck mounted drill which drilled two vertical holes, F-156 and F-157 in the Danube area. This drill has now been moved to the North El Tiro area to drill Magnetic Anomallies. An attempt was made to deepen churn drill hole 200E, but this failed due to bad hole conditions and the drill was then moved to the west end of El Tiro Pit, 2710 level, to drill an additional deep hole.

The footage drilled and the average direct drilling costs for June, 1968 are:

Dr111	Footage <u>Drilled</u>	Average Advance per Shift	Avg. Direct Cost/Foot
Diamond - Truck Diamond - Skid, angle	1,724.6 27.3	19.7° 27.3'	\$ 7.36
Total:	1,751.2	Combined Avg:	\$ 7.43

The attached table summarizes the drilling results.

R. C. Edmiston Resident Geologist

RCE: jca

cc: TASnedden CPPollock A/M RBMeen JHCourtright (2) DRJameson (2) File

DIAMOND DRILLING PROGRESS REPORT - June 1968

				+0.40%	Copper Le	nses	oministro e a ventro meno			
Hole	Approx.	Coordinates		Depth	Thick-	Avg. %	Cu	Ft. Dríll.	Depth	Final
<u>No.</u>	Elevation	<u>North</u>	East	to Top	ness	<u>Total</u>	N.S.	During Mo.	End Mo.	Depth
F-154	2880.75	30,638.04	23,372.93	No plus	0.40% Cu	this in	nterval	27.3	678.8	678.8
F=156				350.1	9.9	0.68	Nil	451.5	451.5	451.5
F-157				77.6	9.8	0.50	0.01	456.1	456.1	456.1
				114.3	23.3	0.45	0.02			
				300.1	19.7	0.91	0.02			
				347.9	19.6	0.48	Nil			
D-308				77.8	17.2	0.99	0.07	651.5	651.5	· N
				141.3	20.2	0.43	0.02			
				283.5	9.2	0.43	0.02			
				370.9	9.3	0.86	0.02		,	
				431.1	45.7	0.52	0.01			
		e e		552.0	38.0	0.49	nil			
D-309				No plus	0.40% Cu	this i	nterval	73.8	73.8	'
D-200E	2887.68	37,955.39	15,937.31	No plue	0.40% Cu	this i	nterval	91.7	538.7	538.7
					1. * N	TOTA	L	1,751.9		

^{*} Angle hole - 52% plunge; N30°E

S-1.1

AMERICAN SHELTING AND REFINING COMPANY
SILVER BELL UNIT

Silver Bell,

Arizona

J.H.C. JUN ¹ 1 1968

June 7, 1968

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT -

North El Tiro Hill and Danube Areas, May, 1968.

During the month of May, 1968, two drills were operated at Silver Bell, working two shifts per day, six days per week. A truck mounted diamond drill was used to deepen churn drill hole 216-E on North El Tiro Hill and then was moved to Danube Hill, west of oxide pit, to drill a vertical hole. An angle hole skid mounted diamond drill completed one hole and began another on Danube Hill.

The footages for each drill and the average direct drilling costs for May 1968 are:

	Footage	Average Advance	Aver. Direct
Drill Diamond - Truck	Dr111ed 1.021.5	per Shift 23.2	Cost/Foot \$ 7.68
Diamond - Skid, Angle	237.9	22.91	8.00 8.00
TOTAL	1,959.4	Combined avg:	7.84

The attached table summarized the drilling results.

R. C. Edmiston Resident Geologist

RCE: jca

cc: TASnedden

CPPollock A/M

R.B.Meen

JECourtright (2)

DRJameson (2)

DIAMOND DRILLING PROGRESS REPORT - MAY, 1968

			10.40%	Copper I	erses	io-de Grandenico (Carlo			
Hole	Coordinates		Depth	Thick-	Ave. %	Cu	Fc. Drill.	Depth	Finel
No. Elevation	North	E28t	to Top	ness	Total	N.S.	During Mo.	End Mo.	Depth
F-153* 2897.26	30,528.85	23,849.04	230.3	9.9	0.46	0.02	286.4	507.4	507.4
			273.7	18.8	0.75	0.03			
			401.8	9.5	0.54	nil			
F-154** 2880.75	30,638.04	23,372.93	316.6	12.5	0.47	0.01	651.5	651.5	
· 1			390.2	20.9	0.71	0.11		42114	
			428.3	86.4	0.48	0.01 4	-		
F-155 3039.06	30,830.27	24,043.02	155.3	59.9	0.63	0.03 ك	. 573.5	573.5	573.5
			246.1	15.6	1.21	0.14 —		- 1 4. 0 L	
			261.9	57.0	0.52	0.33 <			
D216E 2722.42	37,735.38	15,807.10	558.6	59.2	0.47	0.01	448.0	903.9	903.9
					TO	TAL	1.959.4		

* Angle hole - 30° plunge; N30°E ** Angle hole - 45° plunge; N30°E

Silver Bell,

Arizona

June 7, 1968

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROCRESS REPORT -

North El Tiro Hill and Danube Areas, May, 1968.

During the month of May, 1968, two drills were operated at Silver Bell, working two shifts per day, six days per week. A truck mounted diamond drill was used to deepen churn drill hole 216-E on North El Tiro Hill and then was moved to Danube Hill, west of oxide pit, to drill a vertical hole. An angle hole skid mounted diamond drill completed one hole and began another on Danube Hill.

The footages for each drill and the average direct drilling costs for May 1968 are:

		Nootage	Average Advance	Aver. Direct
Drill		Drilled	per Shift	Cost/Foot
Diamond .	- Truck	1,021.5	23.2	\$ 7.68
Diamond .	- Skid, Angle	937.9	22.9	8.00
e	eotal.		Combined avg:	7.84

The attached table summarized the drilling results.

R. C. Edmiston

Resident Geologist

BCK:jca

cc: Masnedden

OPPollock A/M

R.B.Meen

JECourtright (2)

DRJameson (2)

DIAMOND DRILLING PROGRESS REPORT - MAY, 1968

				10.40%	Copper 1		en de Chimography en stado			
Hole		Coordinates		Depth	Thick-	Ave. Z	Cu	Ft. Drill.	Depth	Final
No. Ele	vation	North	East	to Top	ness	<u>Total</u>	N.S.	During Mo.	End Mo.	Depth
F-153* 289	7.26	30,528.85	23,849.04	230.3	9.9	0.46	0.02	286.4	507.4	507.4
				273.7	18.8	0.75	0.03			
				401.8	9.5	0.54	Nil			
F-154** 28	80.75	30,638.04	23,372.93	316.6	12.5	0.47	0.01	651.5	651.5	
				390.2	20.9	0.71	0.11		A 50 10 9 13	
*		· · · · · · · · · · · · · · · · · · ·		428.3	86.4	0.48	0.01			
F-155 303	9.06	30,830.27	24,043.02	155.3	59.9	0.63	0.03	573.5	573.5	573.5
	+ , 7			246.1	15.6	1.21	0.14		20 3 40 6 2	€2 £ €3 € €2
				261.9	57.0	0.52	0.33			
D216E 272	2.42	37,735.38	15,807.10	558.6	59.2	0.47	0.01	same and the Same	90 3.9	903.9
						TO	TAI.	1.959.4		

* Angle hole - 30° plunge; N30°E ** Angle hole - 45° plunge; N30°E

AMERICAN SMELTING AND REPINING COMPANY SILVER BELL UNIT Silver Bell. Arizona

May 3, 1968

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT -

Mt. Expectation, North El Tiro Hill and Danube Areas,

April, 1968

During the month of April four types of drills were operated at Silver Bell. A truck mounted diamond drill operated throughout the month deepening churn drill hole 198E in the North El Tiro Hill area. A skid rig worked from the lat to the 15th on Mt. Expectation. An angle hole skid rig was brought in the 15th to drill an angle hole near the Danube Adit. A Failing Rotary drill was used to clean out two churn drill holes for deepening with a diamond drill in the North El Tiro Hill area.

The footages for each drill and the average direct drilling costs for April, 1968 are:

Drill	Pootage Drilled	Average Advance Per Shift	Average Direct Cost per Foot
Diamond - Truck	593.8	10.2°	\$ 7.33
Diamond - Skid	400.0	15.41	8.94
Diamond - Skid, Angle TOTAL	221,0 1,214.8'	Combined average:	11.46 \$ 8.61

The two churn drill holes were cleaned and cased by the Failing Rotary Drill at a cost of \$2.36 per foot.

Hole Means	Appron. <u>Zievation</u>	Approx. Coordinate	S Secretaria de la composição de la composição Secretaria de la composição	+0.40% Depth	Cu Lens Thick-	es Avs. 7 Total	L Cu MS	Ft.Drill. During Month	Depth End of <u>Month</u>	Final <u>Depth</u>
dig ge	2820.59	38,102.17	15,751.91	315.0 543.6	18.9 27.7	1.11	.02 6		908.8	908.8
D-307	3111.64	35,411.17	16,127.05	182.1	34.9	0.58	.016	/ 400.0	400.0	400.0
7-153	2897.26	30,528.85	23,849.84	No sign	ificant	thickne	88	221.0	221.0	
						TOTA	L	1.214.8		

R. C. Edmiston Resident Geologist

RCE: jca

cc: TASnedden CPPollock A/M RBMeen

JECourtright (2) DRJameson (2)

AMERICAN SHELTING AND REFINING COMPANY SILVER BELL UNIT Silver Bell, Arizona

May 3, 1968

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REFORT -

Mt. Expectation, North El Tiro Hill and Desube Areas,

April. 1968

During the month of April four types of drills were operated at Silver Bell. A truck mounted diamond drill operated throughout the month deepening churn drill hole 1988 in the North El Tiro Hill area. A skid rig worked from the let to the 15th on Mt. Expectation. An angle hole skid rig was brought in the 15th to drill an angle hole near the Danube Adit. A Failing Rotary drill was used to clean out two churn drill holes for deepening with a diamond drill in the North El Tiro Hill area.

The footages for each drill and the average direct drilling costs for April, 1968 are:

Drill	Footage Drilled	Average Advance Per Shift	Average Direct . Cost per Foot
Diamond - Truck	593.8	10.2'	\$ 7.33
Diamond - Skid	400.0	15.4'	8.94
Diamond - Skid, Angle	221.0	<u>8.5'</u>	11.46
TOTAL	1,214.8'	Combined average:	\$ 8.61

The two churn drill holes were cleaned and cased by the Failing Rotary Drill at a cost of \$2.36 per foot.

		Approx.			Cu Lense			Ft.Drill.	Depth End	4
Hole No.	Approx. Elevation	Coordinate North	East	Depth to Top	Thick- ness	Avg. 7 Total		During Month	of <u>Month</u>	Final Depth
D198E	2820.59	38,102.17	15,751.91	315.0 543.6	18.9 27.7		.02 6		908.8	908.8
D-307	3111.64	35,411.17	16,127.05	182.1	34.9	0.58	.01	400.0	400.0	400.0
F-153	2897.26	30,528.85	23,849.04	No sign	ificant	thickne	86	221.0	221.0	. •
						TOTA	L	1.214.8'		

R. C. Edmiston Resident Geologist

RCE: jca

cc: TASnedden CPFollock A/M REMeen JHCourtright (2)
DEJameson (2)
File

Silver Bell,

Arizona

J. H. C APR 3 1968

April 2, 1968

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROCRESS REPORT - Mt. Expectation and North El Tiro Hill Areas - March, 1968.

During the month of March we had one skid mounted drill which was worked throughout the month and one truck mounted drill which worked only from the 1st thru the 18th. A Failing rotary was also on the property cleaning out old churn drill holes from the 28th on.

A total of 1,466.2' of diamond core drilling was done; 782.7' with the truck mounted rig and 683.5' with the skid rig. Without taking any delays into account the average advance per shift was 26.9' for the truck rig and 14.9' for the skid rig. One 315' churn drill hole was cleaned out and cased with the Failing rig.

The average direct drilling cost for the month was \$8.25 per foot with the skid rig costing \$9.79 per foot and the truck rig \$7.23 per foot. The cost of cleaning the old churn drill hole was \$1.49 per foot.

Hole	Approx.	Approx. Coordinate	8	<u>+0.40%</u> Depth	Copper Thick-	Lenses Avg. % Cu	Ft.Drill.	Depth	Final
No.	Elevation	North	East	to Top	ness	Totel N.S.	During Mo		<u>Depth</u>
D-301	2,845.54	38,326.64	16,532.07	159.6	47.1	0.55 0.03	∠229.9	304.9	304.9
D-302	2,849.56	38,231.67	16,593.79	140.2	75.9	0.72 0.07	∠ 175.8	265.8	265.8
D-303	2,843.28	38,322.58	16,684.54	No sign	nificant	thickness	186.2	276.2	276.2
D-304	3,065.48	35,309.76	16,313.72	* *	91	34	275.6	275.6	275.6
D-305	2,745,43	38,031.76	16,669.21	9.9	11	9 6	195.0	195.0	195.0
D-306	3,050	35,490	16,009	193.2	107.6	0.50 0.01	V 428.7	428.7	428.7

TOTAL 1.466

1 448

N. R. Nuttycombe

NRN: jca

cc: TASnedden

CPPollock A/M

RBMeen

JHCourtright (2)

DRJameson (2)

AMERICAN SMELTING AND REFINING COMPANY SILVER BELL UNIT Silver Bell, Arizona

April 2, 1968

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT DRILLING PROGRESS REPORT - Mt. Expectation and North El Tiro Hill Areas - March, 1968.

During the month of March we had one skid mounted drill which was worked throughout the month and one truck mounted drill which worked only from the 1st thru the 18th. A Failing rotary was also on the property cleaning out old churn drill holes from the 28th on.

A total of 1,466.2' of diamond core drilling was done; 782.7' with the truck mounted rig and 683.5' with the skid rig. Without taking any delays into account the average advance per shift was 26.9' for the truck rig and 14.9' for the skid rig. One 315' churn drill hole was cleaned out and cased with the Failing rig.

The average direct drilling cost for the month was \$8.25 per foot with the skid rig costing \$9.79 per foot and the truck rig \$7.23 per foot. The cost of cleaning the old churn drill hole was \$1.49 per foot.

Hole No.	Approx. Elevation	Approx. Coordinate North	E2SE Consequence of the consequence of the conseque		Lenses Avg. % Cu Total N.S.	Ft. Drill. Depth <u>During Mo. End Mo.</u>	Final <u>Depth</u>
D-301	2,845.54	38,326.64	16,532.07	159.6 47.1	0.55 0.03	229.9 304.9	304.9
D-302	2,849.56	38,231.67	16,593.79	140.2 75.9	0.72 0.07	175.8 265.8	265.8
D-303	2,843.28	38,322.58	16,684.54	No significant	t thickness	186.2 276.2	276.2
D-304	3,065.48	35,309.76	16,313.72	71 75	31	275.6 275.6	275.6
D-305	2,745.43	38,031.76	16,669.21	84	81	195.0 195.0	195.0
D-306	3,050	35,490	16,009	193.2 107.6	0.50 0.01	<u>428.7</u> 428.7	428.7

TOTAL

N. R. Nuttycombe

NRN: jca

cc: TASnedden CPPollock A/M RBMeen JHCourtright (2) DRJameson (2) Pile

Silver Bell,

Arizona

J. H. C.

March 5, 1968

MAR 6 1968

HEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT - Mt. Expectation, North El Tiro Hill

and East Quartzite Peak Areas Drilling Progress Report,

February, 1968.

During the month of February we had one skid mounted rig which drilled throughout the month and one trunk mounted rig which drilled from the 1st to the 21st of the month. A Failing Rotary drill rig was also on the property drilling holes through dump material on the 28th and 29th of the month.

A total of 1,447.9' of diamond core drilling was done; 701.4' with the truck mounted rig and 746.5' with the skid rig. In addition to the core drilling 150' of dump material was drilled with the rotary drill. Without taking any delays into account the average advance per shift was 20' for the truck rig and 16.4' for the skid mounted rig.

The averaged direct drilling cost for the month was \$8.25 per foot with the skid rig costing \$9.05 per foot and the truck rig \$7.43 per foot.

Hole	Approx.	Approx. Coordinate North	Edd t	+0.40% Depth <u>to To</u> p	Copper Thick- ness	Avg. %	Cu	Ft. Drill. During Mo.	Depth <u>End Mo</u> .	Final <u>Depth</u>
D-297	2,950	35,400	16,505	69.7 112.0	20.8 111.8	1.94 0.998	0.08	V V 392.9	392.9	392.9
D-299	2,900.35	39,333.93	18,818.47	No si	gnifica	at this	kness	701.4	911.4	911.4
D-300	3,000	35,800	16,410	ŧŸ	fi		11	<u>353.6</u>	353.6	353.6
						TATOT		1,447.9		

N. R. Nuttycombe

NRN: jca

cc: TASnedden CPPollock A M RBMeen JHCourtright (2)

DRJameson (2)

Silver Bell,

Arizona

February 5, 1968

J. H. C. FEB 6 1968

MEMORANDUM TO: Mr. D. R. Jameson, Superintendent

Subject: SILVER BELL UNIT - Mt. Expectation, North El Tiro Hill and
East Quartzite Peak Areas, Drilling Frogress Report - Jan. 1968

During the month of January we had one truck mounted and one skid mounted diamond drill rig drilling. Both drills worked two shifts per day, six days/week.

A total of 2,068.6' of core drilling was done; 1,471.3' with the truck rig and 597.3' with the skid rig. Without taking any delays into account the average advance per shift was 11.9' for the skid rig and 28.3' for the the truck rig.

The averaged direct drilling cost for the month was \$8.01/ft., with the skid rig costing \$10.72 per foot and the truck rig \$6.91 per foot.

Hole No.	Approx. <u>Elevation</u>	Approx. Coordinates North	East	+0.40% Depth T	hick-	Avg.	7 Cu F	t. Drill. <u>uring Mo</u> .	Depth <u>End Mo</u>	Final <u>Depth</u>	
D-291	2,847	38,200	15,300	No sign	ificant	thick	mess	379.0	379.0	379.0	
D-292	2,810	35,930	15,625	19	11.	19		231.0	231.0	231.0	
D-293	2,900	35,340	16,685	162.2	34.9	0.45	0.01	249.5	249.5	249.5	
D-294	2,840	35,830	15,710	150.2 269.5			Ni1	366.3	366.3	366.3	
D-295	2,970	35,620	18,010	50.0	126.4	0.75	0.50 4	450.0	450.0	450.0	
D-296	2,905	39,405	18,945	No sign	ificant	thick	mess	92.7	92.7	92.7	
D-297,	Drilling no	ot started							•		
D-298	2,905	39,415	18,930	No sign	ificant	: thicl	mess	90.1	90.1	90.1	
D-299	2,895	39,350	18,885	11	. #	***************************************	and the second	210.0	210.0	•	
•											

TOTAL 2,068.6

M. K. Yullgeonle N. R. Nuttycombe

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JHCourtright (2)

DRJameson (2)

ACTION OF STREET, AND STREET, COUNTY OF STREET, STREET, AFERDA

A 1885

J. H. C. JAN 3- 1968

HOUSEMANN Dr. Mr. D. S. Janesey, Asperlatories.

Cobject: Silve Mil. Will - Torth Si Tipo Mil., Seat M Siro Look Burg, and Mr. Repostation Areas, - Brilling James Anna - Boarder, 1967.

Parties the south of Supplier up but one touch secured and one skid necessary demand drill sig delibbing. Buth righ number two shifts per day, oix days per week.

A total of 2,225.0' of comp deliling was done; \$63.9' with the skid rig and 1,381.1' with the track rig. Without taking any delays into account the average advance per shift was 16.9' for the chief rig and \$7.5' for the truck rig.

	Appens, Elecation	Appendi.				Pt. Beill. Buring Mo.	Depth Red Me.	Pinel Booth
D-261	2,700	36,167	15,190	203.7 25.0	0.43 H11	_	232,1	252.1
D-263	2,809.82	38,666.28	16,142.27	188.7 24.4	0.51 0.21	87.6	268.3	268.3 V
D-304	2,749.44	38,677.40	16,505.13	In algulficent	thickness	167.6	167.6	167.6 ~
D-265	2,760	36,325	15,202	186.2 27.9	0.52 0.01 4	397.9	397.9	3 97 .9 ~
D-286	2,770	38,068	16,509	99.7 33.7	0.50 0.16	183.6	183.6	183.6 4
D-357	2,835	35,342	16,865	200.1 49.5 200.2 20.3	0.47 0.02	- - 367.3	267.3	287.3 4
D-800	8,000	36,640	15,050		el de la la cons	396.5	398,5	398.5 L
3-300	2,000	36,480	15,194		Children	231.3	231.3	231.3
9-630	2,467	38,058	15,190	MA 155.0	0.70 0.06	236.4	256.5	256.5 ~

1084 2.225.0

V. L. Hattornke

Bilt jan es: Minedia

Difference A/1

JEDourselaht (E) St.Japanes (E) Pt.le