

**CURRAGH  
RESOURCES INC.**

000835

117 Industrial Road  
Whitehorse, Yukon  
Y1A 2T8  
Tel: (403) 668-8021  
Fax: (403) 668-6518

**TELEFAX TRANSMISSION**

TO: GREGG JILSON

FROM: CONN REED  
WHITEHORSE OFFICE

DATE: APR 22 1991 TIME: \_\_\_\_\_

SUBJECT: TAILINGS CALCULATION

*NOTE: I HAVE CHECKED IN ISSUE OF THE  
MISSING DATA & RECALCULATED METAL TO TAILINGS  
BASED ON 23% IN Zn (on 7% Zn in Pb ore)  
Ag in Zn ore is NOT ACCOUNTED FOR.  
Also - I HAVE SENT ZONE 3 Ag - Ag STATS.*

If all pages are not received, please call 668-8021  
THIS TRANSMISSION CONSISTS OF \_\_\_\_\_ PAGE(S)  
(including cover page)

**TRANSMISSION REPORT**

THIS DOCUMENT (REDUCED SAMPLE ABOVE)  
WAS SENT

**\*\* COUNT \*\***  
**# 5**

\*\*\* SEND \*\*\*

NO	REMOTE STATION I. D.	START TIME	DURATION	#PAGES	COMMENT
1	604 687 5532	4-23-91 12:57PM	3'47"	5	

TOTAL 0:03'47" 5

XEROX TELECOPIER 7020



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Whitehorse, Yukon  
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Tel: (403) 668-8021  
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TELEFAX TRANSMISSION

TO: GREGG JILSON

FROM: CAM REED

WHITEHORSE OFFICE

DATE: APR 22 / 91 TIME: \_\_\_\_\_

SUBJECT: TAILINGS CALCULATION.

GREGG - I HAVE FILLED IN SOME OF THE  
MISSING DATA + RECALCULATED METAL TO TAILINGS  
BASED ON 2% Pb in Zn con + 7% Zn in Pb con.  
Ag in Zn con IS NOT ACCOUNTED FOR.

ALSO - I HAVE SENT ZONE 3 Ag + Au STATS.

If all pages are not received, please call 668-8021

THIS TRANSMISSION CONSISTS OF \_\_\_\_\_ PAGE(S)  
(including cover page)

# FARO TAILINGS POND – ESTIMATE OF CONTAINED METAL

YEAR	ORE MILLED						RECOVERIES (%)				
	TONNES	% Pb	%Zn	Ag	Cu	Au	Pb	Zn	Ag	Cu	Au
1970	1,779,000	4.54	5.84	60	0.15	0.20	82.0	70.0	49.0	50	40
1971	2,425,000	4.92	6.79	60	0.15	0.20	82.7	70.3	49.0	50	40
1972	2,636,000	4.63	6.22	60	0.15	0.20	84.5	73.5	49.0	50	40
1973	2,630,000	4.88	6.37	60	0.15	0.20	84.3	77.3	49.0	50	40
1974	2,654,000	4.51	5.60	60	0.15	0.20	83.4	77.1	49.0	50	40
1975	2,926,000	4.03	5.41	60	0.15	0.20	85.8	80.1	49.0	50	40
1976	1,520,000	2.66	5.48	50	0.15	0.20	81.7	79.6	49.0	50	40
1977	3,116,000	2.74	4.88	50	0.15	0.20	83.7	80.5	49.0	50	40
1978	3,280,000	3.17	5.14	50	0.15	0.20	83.8	79.5	49.0	50	40
1979	2,561,000	3.26	5.28	50	0.15	0.20	84.0	80.9	49.0	50	40
1980	2,563,000	3.12	4.68	45	0.15	0.20	78.0	74.6	49.0	50	40
1981	2,497,000	2.90	4.80	45	0.15	0.20	77.2	75.7	49.0	50	40
1982 *	1,040,000	2.80	4.80	45	0.15	0.20	74.2	76.3	49.0	50	40
1986	1,639,000	3.00	4.62	42	0.15	0.20	63.0	71.0	41.3	50	40
1987	4,539,000	3.31	4.93	39	0.15	0.20	74.0	76.8	49.2	50	40
1988	4,126,000	3.62	4.87	52	0.15	0.20	78.8	76.0	51.4	50	40
1989	4,379,000	2.93	4.69	34	0.15	0.20	77.0	77.1	49.0	50	40
1990	4,714,000	3.01	4.90	37	0.15	0.20	78.8	78.0	51.7	50	40
1991 **	1,142,000	3.15	4.56	42	0.15	0.20	80.4	76.0	51.9	50	40
<b>TOTAL</b>	<b>52,166,000</b>	<b>3.37</b>	<b>4.93</b>	<b>49</b>	<b>0.15</b>	<b>0.20</b>	<b>80.0</b>	<b>76.7</b>	<b>49.3</b>	<b>50.0</b>	<b>40.0</b>

\* C.A.M.C closed mill operations June 4, 1982

\*\* Production to March 31 1991

YEAR	METAL TO CONCENTRATE					METAL TO TAILINGS #				
	Pb (tnns)	Zn (tnns)	Ag (kg)	Cu (tnns)	Au (kg)	Pb (tnns)	Zn (tnns)	Ag (kg)	Cu (tnns)	Au (kg)
1970	66,194	72,786	52,303	1,334	142	11,530	25,174	54,437	1,334	213
1971	98,669	115,754	71,295	1,819	194	16,661	39,663	74,205	1,819	291
1972	103,130	120,510	77,498	1,977	211	15,037	34,419	80,662	1,977	316
1973	108,194	129,501	77,322	1,973	210	15,930	28,090	80,478	1,973	316
1974	99,826	114,589	78,028	1,991	212	16,109	24,585	81,212	1,991	318
1975	101,173	126,796	86,024	2,195	234	12,564	22,261	89,536	2,195	351
1976	33,033	66,304	37,240	1,140	122	5,099	13,982	38,760	1,140	182
1977	71,462	122,409	76,342	2,337	249	9,497	22,652	79,458	2,337	374
1978	87,132	134,031	80,360	2,460	262	11,924	25,181	83,640	2,460	394
1979	70,130	109,394	62,745	1,921	205	9,338	18,337	65,306	1,921	307
1980	62,373	89,482	56,514	1,922	205	14,032	23,047	58,821	1,922	308
1981	55,903	90,731	55,059	1,873	200	12,850	22,055	57,306	1,873	300
1982	21,607	38,089	22,932	780	83	5,993	9,311	23,868	780	125
1986	30,977	53,762	28,430	1,229	131	17,193	20,349	40,408	1,229	197
1987	111,178	171,857	87,094	3,404	363	31,643	38,265	89,927	3,404	545
1988	117,697	152,712	110,280	3,095	330	25,425	34,085	104,272	3,095	495
1989	98,795	158,344	72,954	3,284	350	23,150	35,201	75,932	3,284	525
1990	111,810	180,169	90,174	3,536	377	23,001	37,937	84,244	3,536	566
1991	28,922	39,577	24,893	857	91	5,311	9,208	23,071	857	137
<b>TOTAL</b>	<b>1,478,206</b>	<b>2,086,796</b>	<b>1,247,487</b>	<b>39,125</b>	<b>4,173</b>	<b>282,288</b>	<b>483,803</b>	<b>1,285,542</b>	<b>39,125</b>	<b>6,260</b>

- Boxed in numbers are historical or deposit averages
- Copper and gold recovery is a guess based on ignorance.
- All numbers which are not boxed are as reported by the mill.

# Assuming 2% Pb in Zn con and 7% Zn in Pb con.  
Ag in Zn con not accounted for.

### CONCENTRATE PRODUCTION (DMT)

YEAR	Pb	Zn	Bulk
1970	86,000	150,000	5,000
1971	132,000	199,000	59,000
1972	129,000	194,000	80,000
1973	142,000	211,000	72,000
1974	135,000	188,000	66,000
1975	132,000	209,000	70,000
1976	43,000	115,000	25,000
1977	100,000	221,000	37,000
1978	134,000	246,000	33,000
1979	107,000	201,000	26,000
1980	106,000	178,000	12,000
1981	101,000	183,000	0
1982 ##	36,000	76,000	0
1986	23,000	50,000	0
1987	195,000	371,000	0
1988	202,000	312,000	0
1989	169,000	318,000	0
1990	184,000	354,000	0
1991	47,000	87,000	0
<b>TOTAL</b>	<b>2,203,000</b>	<b>3,863,000</b>	<b>485,000</b>

## estimated using 50% Zn con grade and 60% Pb con grade



PC-XPLOR VERSION 1.30  
Exploration Data Manager  
By GEMCOM SERVICES INC.

Curragh Resources In  
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\*\*\* FARO DRILL HOLES \*\*\*  
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CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : e:\faro\faro.mex  
DATA DESCRIPTION : Au assays  
USER DESCRIPTION : Au Stats - +5%Pb+Zn Ore

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : .010  
MAXIMUM CUTOFF VALUE : 18.360  
TOTAL NUMBER OF SAMPLES USED : 1742  
  
MINIMUM HISTOGRAM VALUE : .010  
MAXIMUM HISTOGRAM VALUE : 18.360  
CLASS INTERVAL : .680  
  
MINIMUM POPULATION DATA POINT : .010  
MAXIMUM POPULATION DATA POINT : 18.360  
TOTAL POPULATION : 1742

UNGROUPED DATA      GROUPED DATA

TOTAL NO OF SAMPLES	1742	
ARITHMETIC MEAN	.2289	.4171
MEDIAN		.3672
GEOMETRIC MEAN	.1166	.3734
NATURAL LOG MEAN	-2.1494	-.9852
STANDARD DEVIATION	.6297	.5868
VARIANCE	.3965	.3443
COEFFICIENT OF VARIATION	2.7509	1.4066
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.3965	.3443
MOMENT 3 ABOUT ARITHMETIC MEAN	4.5574	4.1732
MOMENT 4 ABOUT ARITHMETIC MEAN	71.3873	63.8190
MOMENT COEFFICIENT OF SKEWNESS	18.2559	20.6584
MOMENT COEFFICIENT OF KURTOSIS	454.1485	538.4171

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

\*\*\* FARO DRILL HOLES \*\*\*  
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CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : e:\faro\faro.mex  
 DATA DESCRIPTION : Au assays  
 USER DESCRIPTION : Au Stats - +5%Pb+Zn Ore

FREQUENCY DISTRIBUTIONS

CLASS INTERVAL		<-INCREMENTAL-><-----INCREASING-----><-----DECREASING----->				>= LOWER BND				
>= FROM	< TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM PERCENT	FREQ	CUM COUNT	CUM MEAN	CUM PERCENT
.010	.690	1658	.154	1658	.154	95.18	1742	.229	100.00	
.690	1.370	62	.960	1720	.183	98.74	84	1.699	4.82	
1.370	2.050	11	1.693	1731	.193	99.37	22	3.780	1.26	
2.050	2.730	4	2.513	1735	.198	99.60	11	5.868	.63	
2.730	3.410	1	2.850	1736	.200	99.66	7	7.786	.40	
3.410	4.090	0	.000	1736	.200	99.66	6	8.608	.34	
4.090	4.770	1	4.660	1737	.202	99.71	6	8.608	.34	
4.770	5.450	2	5.200	1739	.208	99.83	5	9.398	.29	
5.450	6.130	0	.000	1739	.208	99.83	3	12.196	.17	
6.130	6.810	0	.000	1739	.208	99.83	3	12.196	.17	
6.810	7.490	0	.000	1739	.208	99.83	3	12.196	.17	
7.490	8.170	1	7.680	1740	.213	99.89	3	12.196	.17	
8.170	8.850	0	.000	1740	.213	99.89	2	14.454	.11	
8.850	9.530	0	.000	1740	.213	99.89	2	14.454	.11	
9.530	10.210	0	.000	1740	.213	99.89	2	14.454	.11	
10.210	10.890	1	10.550	1741	.218	99.94	2	14.454	.11	
10.890	11.570	0	.000	1741	.218	99.94	1	18.359	.06	
11.570	12.250	0	.000	1741	.218	99.94	1	18.359	.06	
12.250	12.930	0	.000	1741	.218	99.94	1	18.359	.06	
12.930	13.610	0	.000	1741	.218	99.94	1	18.359	.06	
13.610	14.290	0	.000	1741	.218	99.94	1	18.359	.06	
14.290	14.970	0	.000	1741	.218	99.94	1	18.359	.06	
14.970	15.650	0	.000	1741	.218	99.94	1	18.359	.06	
15.650	16.330	0	.000	1741	.218	99.94	1	18.359	.06	
16.330	17.010	0	.000	1741	.218	99.94	1	18.359	.06	
17.010	17.690	0	.000	1741	.218	99.94	1	18.359	.06	
17.690	18.370	1	18.360	1742	.229	100.00	1	18.359	.06	

NB : (GM) - GEOMETRIC MEAN

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FARO DRILL HOLES

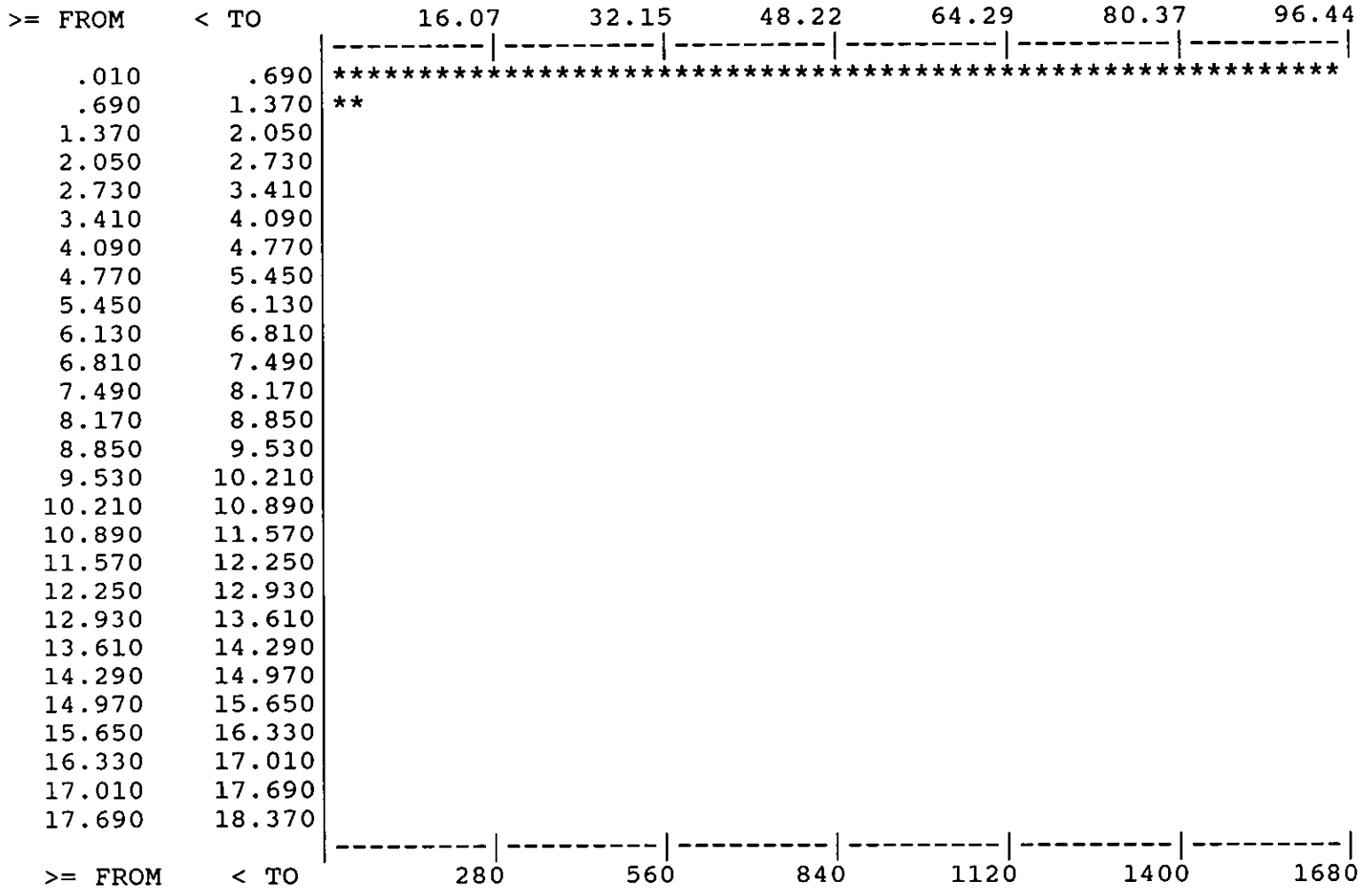
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CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : e:\faro\faro.mex  
 DATA DESCRIPTION : Au assays  
 USER DESCRIPTION : Au Stats - +5%Pb+Zn Ore

NORMAL HISTOGRAM

FREQUENCY 1.6073 PERCENT PER STAR



28.0000 COUNTS PER STAR

PC-XPLOR VERSION 1.30  
Exploration Data Manager  
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\*\*\* FARO DRILL HOLES \*\*\*  
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CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : e:@faro@faro.mex  
DATA DESCRIPTION : cu assays  
USER DESCRIPTION : Faro %Cu Ore +4% Pb+Zn

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : .010  
MAXIMUM CUTOFF VALUE : 2.600  
TOTAL NUMBER OF SAMPLES USED : 4029  
  
MINIMUM HISTOGRAM VALUE : .000  
MAXIMUM HISTOGRAM VALUE : 3.000  
CLASS INTERVAL : .100  
  
MINIMUM POPULATION DATA POINT : .010  
MAXIMUM POPULATION DATA POINT : 2.600  
TOTAL POPULATION : 4029

UNGROUPED DATA      GROUPED DATA

TOTAL NO OF SAMPLES	4029	
ARITHMETIC MEAN	.1669	.1736
MEDIAN		.1437
GEOMETRIC MEAN	.1212	.1321
NATURAL LOG MEAN	-2.1105	-2.0238
STANDARD DEVIATION	.1418	.1420
VARIANCE	.0201	.0202
COEFFICIENT OF VARIATION	.8497	.8178
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0201	.0202
MOMENT 3 ABOUT ARITHMETIC MEAN	.0102	.0097
MOMENT 4 ABOUT ARITHMETIC MEAN	.0155	.0142
MOMENT COEFFICIENT OF SKEWNESS	3.5660	3.3798
MOMENT COEFFICIENT OF KURTOSIS	38.2505	34.8427

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

PC-XPLOR VERSION 1.30  
Exploration Data Manager  
By GEMCOM SERVICES INC.

Curragh Resources In  
14:13:11 Serial no: 20320  
16/ 4/91 Page : 1

\*\*\* FARO DRILL HOLES \*\*\*  
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CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : e:\faro\faro.mex  
DATA DESCRIPTION : Au assays  
USER DESCRIPTION : Faro - Au g/mt Ore +4% Pb+Zn

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : .000  
MAXIMUM CUTOFF VALUE : 18.360  
TOTAL NUMBER OF SAMPLES USED : 2033  
  
MINIMUM HISTOGRAM VALUE : .000  
MAXIMUM HISTOGRAM VALUE : 5.000  
CLASS INTERVAL : .200  
  
MINIMUM POPULATION DATA POINT : .010  
MAXIMUM POPULATION DATA POINT : 18.360  
TOTAL POPULATION : 2033

UNGROUPED DATA      GROUPED DATA

TOTAL NO OF SAMPLES	2033	
ARITHMETIC MEAN	.2253	.2546
MEDIAN		.1443
GEOMETRIC MEAN	.1155	.1586
NATURAL LOG MEAN	-2.1588	-1.8417
STANDARD DEVIATION	.5936	.6340
VARIANCE	.3524	.4020
COEFFICIENT OF VARIATION	2.6346	2.4898
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.3524	.4020
MOMENT 3 ABOUT ARITHMETIC MEAN	3.9232	3.6942
MOMENT 4 ABOUT ARITHMETIC MEAN	61.2521	40.7973
MOMENT COEFFICIENT OF SKEWNESS	18.7531	14.4940
MOMENT COEFFICIENT OF KURTOSIS	493.2081	252.4615

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO