

TABLE 1
CURRAGH RESOURCES INC. – FARO DIVISION
IN-SITU RESERVES AS OF JANUARY 1, 1992

DEPOSIT	CLASS	CUT-OFF%	ORE TONNES	LEAD+ZINC	% LEAD	% ZINC	g/mt SILVER	g/mt GOLD	SOURCE
FARO									
Zone 3 Only	Proven	+6%	2,166,000	8.54	3.04	5.50	29	0.10	92-5
Zone 3 Only	Proven	+5%	3,037,000	7.66	2.72	4.94	27	0.11	92-5
Zone 3 Only	Proven	+4%	4,168,000	6.80	2.41	4.39	25	0.11	92-5
Zone 3 Only	Proven	+3%	5,270,000	6.12	2.17	3.95	24	0.12	92-5
SW Underground	Probable	+9%	1,458,000	12.80	5.04	7.76	67	NA	92-6
Total Deposit	All	4%,9%	5,626,000	8.35	3.09	5.26	36	NA	
	All	3%,9%	6,728,000	7.56	2.79	4.77	33	NA	
GRUM									
Main Zone (61W-87W)	Proven	+6%	23,963,000	10.36	3.90	6.46	66	1.00	89-8
Main Zone (61W-87W)	Proven	+5%	27,855,000	9.68	3.66	6.02	61	0.98	89-8
Main Zone (61W-87W)	Proven	+4%	32,181,000	8.98	3.40	5.58	57	0.95	89-8
Main Zone (61W-87W)	Proven	+3%	35,723,000	8.45	3.22	5.23	54	0.93	89-8
Champ Zone (51W-61W)	Probable	+4%	1,700,000	7.80	3.50	4.30	46	NA	89-16
Subtotal	Proven+Probable	+4%	33,881,000	8.92	3.41	5.52	56	NA	
NW Zone (87W-100W)	Possible	NA	8,000,000	10.00	NA	NA	NA	NA	89-17
Total Deposit	Proven+Probable	+4%	33,881,000	8.92	3.41	5.52	56	NA	
Total Deposit	Prov.+Prob.+Poss.	+3%	37,423,000	8.42	3.23	5.19	54	NA	
VANGORDA									
Total Deposit	Proven	+6%	3,843,000	9.69	4.30	5.39	54	0.84	92-7
Total Deposit	Proven	+5%	4,337,000	9.20	4.07	5.13	51	0.81	92-7
Total Deposit	Proven	+4%	4,905,000	8.67	3.82	4.85	48	0.78	92-7
Total Deposit	Proven	+3%	5,629,000	7.99	3.51	4.48	44	0.76	92-7
DY									
AB Zone	Probable	+9%	13,032,000	12.63	5.73	6.90	84	0.85	92-8
AB Zone	Possible	+9%	5,489,000	13.46	5.21	8.25	77	0.86	92-8
AB Extension Zone	Possible	+9%	1,904,000	13.92	5.52	8.40	82	0.98	92-8
Total Deposit	Probable+Possible	+9%	20,425,000	12.98	5.57	7.41	82	0.87	
SWIM									
Total Deposit	Probable	+4%	5,130,000	7.90	3.50	4.40	47	NA	89-15
TOTAL FARO DIVISION*									
	Proven		41,254,000	8.72	3.35	5.37	53	0.85	
	Probable		21,320,000	11.12	4.97	6.15	71	NA	
	Possible		15,393,000	11.72					
ALL CATAGORIES			77,967,000	9.97	NA	NA	NA	NA	

* Reserve cutoff is 4% Pb+Zn for reserves which may possibly be mined by open pit methods.
Reserve cutoff is 9% Pb+Zn for reserves which may possibly be mined by underground methods.

TABLE OF SOURCES

- 92-5 C.R.I. (Dec 1991); F9005 in-situ reserve calculation below Dec 28/91 survey surface (no adjustments).
92-6 C.R.I. (Sept 1989); S89 Alpha II Mine Plan. 1,161,000 tonnes ore mined start-up Jan 1990 to Dec 31, 1991 subtracted from original Alpha II mine plan in-situ reserve.
89-8 C.R.I. (June 1986); G8705 in-situ (5% SG reduction removed) reserve calculation, in-house report.
89-16 Kerr Addison Mines (1978); Sectional Calc. by A.Y. Po in Sirola (1977) Grum Joint Venture Mineral Inventory.
89-17 C.A.M.C (1984); Estimate of reserve based on extrapolation of sections NW of Main Zone.
92-7 C.R.I. (Dec 1991); V9009 in-situ (no adjustments) reserve calculation, remaining geological reserves below December 1991 survey pit surface, in-house report.
92-8 C.R.I. (Dec 1991); Dy Polygonal Reserve Estimate, Whitehorse Report # 9103.
89-15 Vintila I. (March 1988); Preliminary Open pit Reserve Evaluation For The Swim Deposit, page 5.

**TABLE 2
CURRAGH RESOURCES INC. – FARO DIVISION
MINING RESERVES AS OF JANUARY 1, 1992**

DEPOSIT	CLASS	CUT-OFF%	WASTE TONNES	ORE TONNES	LEAD+ZINC	% LEAD	% ZINC	g/mt SILVER	g/mt GOLD	STRIP RATIO	SOURCE
FARO											
Zone 3 Pit	Proven	+6%		610,000	8.58	2.94	5.64	21	0.09		92-1
Zone 3 Pit	Proven	+5%		851,000	7.69	2.67	5.02	20	0.10		92-1
Zone 3 Pit	Proven	+4%	223,000	1,091,000	7.00	2.47	4.53	19	0.11	0.85	92-1
Zone 3 Pit	Proven	+3%	714,000	1,300,000	6.44	2.28	4.16	18	0.11	0.55	92-1
SW Underground	Probable	+3%		251,000	11.62	4.67	6.95	62	NA	NA	92-2
Total Deposit	All	4%,9%		1,342,000	7.86	2.88	4.99	27	NA	NA	
	All	3%,9%		1,551,000	7.28	2.67	4.61	25	NA	NA	
FARO STOCKPILES											
Low Grade	Proven	3-5%	NA	2,320,000	4.38	1.69	2.69	NA	NA	NA	92-3
High Grade	Proven	+5%	NA	20,000	10.67	4.04	6.63	NA	NA	NA	92-3
Total Stockpiles				2,340,000	4.43	1.71	2.72	NA	NA		
GRUM PIT											
Total GIV88 pit	Proven	+6%		19,062,000	9.13	3.40	5.73	57	0.86		91-4
Total GIV88 pit	Proven	+5%		21,892,000	8.58	3.19	5.39	53	0.84		91-4
Total GIV88 pit	Proven	+4%	166,401,000	25,161,000	7.97	2.96	5.01	50	0.81	6.61	91-4
Total GIV88 pit	Proven	+3%	164,263,000	27,299,000	7.59	2.83	4.76	47	0.79	6.02	91-4
VANGORDA PIT **											
Total VWEST pit	Proven	+6%		3,568,000	8.14	3.62	4.51	45	0.70		92-4
Total VWEST pit	Proven	+5%		3,883,000	7.85	3.49	4.36	44	0.69		92-4
Total VWEST pit	Proven	+4%	11,279,000	4,204,000	7.54	3.34	4.20	42	0.67	2.68	92-4
Total VWEST pit	Proven	+3%	10,959,000	4,524,000	7.21	3.19	4.01	40	0.66	2.42	92-4
VANGORDA STOCKPILE											
				316,000	7.05	3.20	3.85	NA	NA		92-3
DY UNDERGROUND											
Stope + Pillar	Probable	+9%	NA	11,300,000	12.66	5.82	6.84	83	0.94	NA	89-3
SWIM PIT											
Total Pit	Probable	+4%	24,265,000	3,910,000	7.13	3.22	3.91	42	NA	6.21	89-15
TOTAL FARO DIVISION*											
SP's, Faro, Grum and Vangorda Pits	Proven			33,112,000	7.62	2.91	4.72	NA	NA		
Faro and Dy Underground, Swim Pit	Probable			15,461,000	11.24	5.14	6.10	72	NA		
ALL CATAGORIES											
			Total	48,573,000	8.78	3.62	5.16	NA	NA		

* Ore cutoff is 4% Pb+Zn for open pits, 9% Pb+Zn for underground reserves.

Faro 3-4% Pb+Zn material is stockpiled in the low grade stockpile.

** up to 10% of the Vangorda stockpile and mining reserve may be refractory

TABLE OF SOURCES

- 92-1 C.R.I. (Mar 1990); F9008 mining reserve calculation, remaining reserve below Dec 28/91 survey surface within east phase revised (Jul. 91) ultimate Pit. 95% mining recovery.
- 92-2 C.R.I. 1992 Faro Operating Plan. 52,000 tonnes classified as possible removed from mining reserve.
- 92-3 C.R.I. (Dec 1991); Dec. 1991 General Manager's Month End Report.
- 91-4 C.R.I. (Dec 1990); G8705 3D computer block model, 95% mining recovery. Remaining mining reserves below Dec. 28, 1990 survey surface within GIV Stage 3 Ultimate Pit. (Note - no change since 1990 year end)
- 92-4 C.R.I. (Dec 1991); V9009 calculation, geology composites, 20% dilution at "0" grade. 90% mining recovery, remaining mining reserves below Dec/91 survey surface within VWEST Ultimate Pit.
- 89-3 C.R.I (1989); S89 Alpha 2 mine plan.
- 89-15 Vintila I. (March 1988); Preliminary Open Pit Reserve Evaluation For The Swim Deposit, page 5.

PC-MINE VERSION 2.00
 SERIAL NO : 20000
 8/ 1/1992

GEMCON SERVICES INC.
 Faro Deposit - F9005 Model

SOFTWARE BY GEMCON SERVICES I
 MODULE 3.
 PAGE

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Remaining In-Situ Reserves - January 1, 1992 (unadjusted)\

TOTAL FOR ALL LEVELS

SURFACE GRID RECORD : 28 DEC/91 Faro CORRECTED Month End - Mine Survey
 RESERVE OUTSIDE POLYGON RECORD : 0 Faro Underground Limits - Kilborn Eng.
 LEVELS USED :
 LEVEL 1 TO 50
 BLOCKS USED :
 COLUMNS 1 TO 128 ROWS 1 TO 128

INCREMENTAL RESULTS

CUT-OFF GRADES		VOLUME [bcf x1000]	DENSITY [tn/bcf]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [%Pb+Zn]	TO [%Pb+Zn]				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/m]	[Au g/m]
6.000	50.000	21421.97	.101	2165.79	8.541	3.038	5.503	29.452	.101
5.000	6.000	9025.64	.097	871.10	5.469	1.918	3.551	20.630	.130
4.000	5.000	11983.50	.094	1131.26	4.480	1.590	2.891	20.525	.124
3.000	4.000	11830.57	.093	1101.91	3.539	1.251	2.288	17.929	.127
.010	3.000	11382.38	.095	1084.75	2.144	.706	1.437	11.801	.121
.010	99999.000	9919360.00	.076	749723.20	.000	.000	.000	.000	.000
TOTAL		9985005.00	.076	756078.00	.046	.016	.030	.2	.001

PC-MINE VERSION 2.00
 SERIAL NO : 20000
 8/ 1/1992

GEMCOM SERVICES INC.
 Faro Deposit - F9008 Model

SOFTWARE BY GEMCOM SE
 MO

MINING RESERVE EVALUATION

DESCRIPTION : Remaining Mining Reserves - January 1, 1992 - No Adjustments

TOTAL FOR ALL LEVELS

TOP SURFACE GRID RECORD : 28 DEC/91 Faro CORRECTED Month End - Mine Survey
 BOTTOM SURFACE GRID RECORD : 29 Final pit redesign merged with dec 91 mnth end corrected surface

LEVELS USED :
 LEVEL 32 TO 39
 BLOCKS USED :
 COLUMNS 1 TO 128 ROWS 1 TO 128
 INCREMENTAL RESULTS

CUT-OFF GRADES		VOLUME	DENSITY	TONNAGE	AVERAGE GRADES				E C F	
FROM	TO				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/m]		[Au g/m]
[%Pb+Zn]	[%Pb+Zn]	[bcf x1000]	[tn/bcf]	[TONS x1000]	[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/m]	[Au g/m]	[\$Cdn
6.000	50.000	6126.12	.105	642.16	8.579	2.941	5.638	21.1	.087	
5.000	6.000	2450.45	.104	253.67	5.434	1.984	3.449	17.5	.143	
4.000	5.000	2378.84	.106	252.93	4.566	1.746	2.820	16.7	.139	
3.000	4.000	2093.31	.105	219.90	3.524	1.304	2.220	13.7	.119	
.010	3.000	2919.85	.105	305.55	2.139	.703	1.435	9.8	.099	
.000	.010	4673.71	.073	339.31	.000	.000	.000	.0	.000	
TOTAL		20642.28	.098	2013.52	4.704	1.657	3.047	14.0	.091	

PC-MINE VERSION 2.00
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GEMCOM SERVICES INC.
 Faro Deposit - F9008 Model

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MINING RESERVE EVALUATION

DESCRIPTION : Remaining Mining Reserves - January 1, 1992 - No Adjustments

TOTAL FOR ALL LEVELS

TOP SURFACE GRID RECORD : 28 DEC/91 Faro CORRECTED Month End - Mine Survey
 BOTTOM SURFACE GRID RECORD : 29 Final pit redesign merged with dec 91 mnth end corrected surface

LEVELS USED :
 LEVEL 32 TO 39
 BLOCKS USED :
 COLUMNS 1 TO 128 ROWS 1 TO 128
 CUMULATIVE RESULTS

CUT-OFF GRADES		VOLUME [bcf x1000]	DENSITY [tn/bcf]	TONNAGE [TONS x1000]	AVERAGE GRADES				EC F [\$Cdn]
FROM [%Pb+Zn]	TO [%Pb+Zn]				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/m]	
6.000	50.000	6126.12	.105	642.16	8.579	2.941	5.638	21.1	.087
5.000	6.000	8576.57	.104	895.84	7.688	2.670	5.018	20.1	.103
4.000	5.000	10955.41	.105	1148.76	7.001	2.467	4.534	19.3	.111
3.000	4.000	13048.72	.105	1368.66	6.442	2.280	4.162	18.4	.112
.010	3.000	15968.58	.105	1674.21	5.657	1.992	3.665	16.9	.110
.000	.010	20642.28	.098	2013.52	4.704	1.657	3.047	14.0	.091
.000	99999.000	20642.28	.098	2013.52	4.704	1.657	3.047	14.0	.091
TOTAL		20642.28	.098	2013.52	4.704	1.657	3.047	14.0	.091

PC-MINE VERSION 2.00
 SERIAL NO : 20320
 7/ 1/1992

Curragh Resources In
 Vangorda Deposit - V9009 Interpretation

SOFTWARE BY GEMCOM SE
 MO

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Remaining In-Situ Reserves - January 1, 1992

TOTAL FOR ALL LEVELS

SURFACE GRID RECORD : 18 Dec 1991 year end merged to June 91 month end (final)

LEVELS USED :

LEVEL 1 TO 80

BLOCKS USED :

COLUMNS 1 TO 100 ROWS 1 TO 128

INCREMENTAL RESULTS

CUT-OFF GRADES		VOLUME	DENSITY	TONNAGE	AVERAGE GRADES				
FROM	TO				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	[Au g/t]
[%Pb+Zn]	[%Pb+Zn]	[bcm x1000]	[tn/bcm]	[TONS x1000]	[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	[Au g/t]
6.000	50.000	975.73	3.938	3842.72	9.686	4.296	5.390	53.597	.836
5.000	6.000	158.23	3.124	494.27	5.485	2.340	3.145	30.629	.620
4.000	5.000	183.36	3.096	567.59	4.488	1.858	2.630	25.336	.516
3.000	4.000	224.38	3.226	723.95	3.434	1.460	1.975	20.360	.630
.010	3.000	1796.90	3.375	6065.28	1.555	.697	.858	13.303	.692
.010	99999.000	88305.72	2.042	180296.90	.000	.000	.000	.000	.000
TOTAL		91644.31	2.095	191990.70	.283	.125	.158	1.72	.044

PC-MINE VERSION 2.00
 SERIAL NO : 20320
 7/ 1/1992

Curragh Resources In
 Vangorda Deposit - V9009 Interpretation

SOFTWARE BY GEMCOM SE
 MO

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Remaining In-Situ Reserves - January 1, 1992

TOTAL FOR ALL LEVELS

SURFACE GRID RECORD : 18 Dec 1991 year end merged to June 91 month end (final)

LEVELS USED :

LEVEL 1 TO 80

BLOCKS USED :

COLUMNS 1 TO 100 ROWS 1 TO 128

CUMULATIVE RESULTS

CUT-OFF GRADES		VOLUME		DENSITY	TONNAGE	AVERAGE GRADES				
FROM	TO									
[%Pb+Zn]	[%Pb+Zn]	[bcm	x1000]	[tn/bcm]	[TONS x1000]	[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	[Au g/t]
6.000	50.000	975.73		3.938	3842.72	9.686	4.296	5.390	53.597	.836
5.000	6.000	1133.96		3.825	4336.99	9.208	4.073	5.134	50.980	.811
4.000	5.000	1317.31		3.723	4904.58	8.661	3.817	4.845	48.012	.777
3.000	4.000	1541.69		3.651	5628.53	7.989	3.514	4.475	44.455	.758
.010	3.000	3338.60		3.503	11693.82	4.652	2.053	2.599	28.298	.724
.010	99999.000	91644.31		2.095	191990.70	.283	.125	.158	1.724	.044
TOTAL		91644.31		2.095	191990.70	.283	.125	.158	1.72	.044

MINING RESERVE EVALUATION

DESCRIPTION : Remaining Mining Reserves - January 1, 1992 (no adjustments)

TOTAL FOR ALL LEVELS

TOP SURFACE GRID RECORD : 25 *DEC 91 YEAR END* Create grid 25 by combining grids 24 and 22
 BOTTOM SURFACE GRID RECORD : 26 Create grid 26 by combining grids 25 and 23

LEVELS USED :
 LEVEL 1 TO 80
 BLOCKS USED :
 COLUMNS 1 TO 100 ROWS 1 TO 128
 INCREMENTAL RESULTS

CUT-OFF GRADES		VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES					ECONOMIC FACTOR [\$Cdn x1000]
FROM [%Pb+Zn]	TO [%Pb+Zn]				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	[Au g/t]	
6.000	50.000	830.58	3.977	3303.40	9.764	4.348	5.416	54.47	.841	.00
5.000	6.000	94.29	3.092	291.52	5.513	2.367	3.147	30.12	.684	.00
4.000	5.000	98.96	3.005	297.33	4.508	1.865	2.643	25.35	.528	.00
3.000	4.000	93.31	3.180	296.75	3.438	1.486	1.952	20.66	.678	.00
.010	3.000	454.52	3.499	1590.21	1.759	.836	.923	15.29	.828	.00
.000	.010	3656.05	2.654	9704.24	.000	.000	.000	.00	.000	.00
TOTAL		5227.71	2.962	15483.45	2.520	1.122	1.398	14.64	.300	.00

MINING RESERVE EVALUATION

DESCRIPTION : Remaining Mining Reserves - January 1, 1992 (no adjustments)

TOTAL FOR ALL LEVELS

TOP SURFACE GRID RECORD : 25 Create grid 25 by combining grids 24 and 22
 BOTTOM SURFACE GRID RECORD : 26 Create grid 26 by combining grids 25 and 23

LEVELS USED :

LEVEL 1 TO 80

BLOCKS USED :

COLUMNS 1 TO 100 ROWS 1 TO 128

CUMULATIVE RESULTS

CUT-OFF GRADES		VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES					ECONOMIC FACTOR [\$Cdn x1000]
FROM [%Pb+Zn]	TO [%Pb+Zn]				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	[Au g/t]	
6.000	50.000	830.58	3.977	3303.40	9.764	4.348	5.416	54.47	.841	.00
5.000	6.000	924.87	3.887	3594.92	9.419	4.187	5.232	52.49	.828	.00
4.000	5.000	1023.83	3.802	3892.25	9.044	4.010	5.034	50.42	.805	.00
3.000	4.000	1117.15	3.750	4189.01	8.647	3.831	4.816	48.31	.796	.00
.010	3.000	1571.67	3.677	5779.22	6.751	3.007	3.745	39.23	.805	.00
.000	.010	5227.71	2.962	15483.45	2.520	1.122	1.398	14.64	.300	.00
.000	99999.000	5227.71	2.962	15483.45	2.520	1.122	1.398	14.64	.300	.00
TOTAL		5227.71	2.962	15483.45	2.520	1.122	1.398	14.64	.300	.00



**Curregh
Resources Inc.**

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TELECOPIER COVER LETTER

TO: Cam Reed

TELECOPIER NO. WhHrs

FROM: Brad Pisony

CURRAGH RESOURCES INC., Box 1000, Faro, Yukon, Y0B 1K0

TOTAL NO. OF PAGES: 2 DATE: Jan 7/92 TIME: 11:25 OPERATOR _____
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MESSAGE Opening Stockpile Inventories 1992

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CURRAGH RESOURCES INC.
 FARO DIVISION

1992 OPENING STOCKPILE INVENTORIES

CATEGORY	tonnes	Pb%	Zn%	Fe%	Pb+Zn	tonnes Pb	tonnes Zn	tonnes Fe
FARO HIGH GRADE +6Z	3,792	2.06	4.39	24.2	6.45	78	166	918
MEDIUM GRADE 5-6Z	0				0.00	0	0	0
LOW GRADE 3-5Z	2,320,089	1.69	2.69	25.5	4.38	39,210	62,410	591,623
FARO TOTAL	2,323,881	1.69	2.69	25.50	4.38	39,288	62,577	592,540
VANGORDA NON-REFRACTORY +6Z	58,004	4.08	5.31	24.8	9.39	2,367	3,080	14,397
REFRACTORY +6Z	92,460	4.60	4.95	24.6	9.55	4,253	4,577	22,745
LOW GRADE 4-6Z	165,666	2.12	2.73	22.7	4.85	3,512	4,523	37,606
VANGORDA TOTAL	316,130	3.20	3.85	23.64	7.06	10,132	12,179	74,748
TOTAL STOCKPILE	2,640,011	1.87	2.83	25.28	4.70	49,419	74,756	667,288

FARO UNDERGROUND S.P.

16,000 4.53 7.19 67

109
6.63

From LEO FEB 92 .

FARO UNDERGROUND

	TONNES	% Pb	% Zn	Ag
MINED 1991 :	606,000	4.53	7.19	67
LIFE OF PROJECT :	1,160,642	4.57	7.06	66

Total Vangorda Pit Highgrade ore Production 1991

Low Keel

output:

summary for the selected records:

start:		tonnes	lead	zinc	Iron	combined	volume *	Density
01-Jan-91	<i>Total =</i>	1,434,012	4.37	5.18	23.6	9.54	364,986	3.93
end:								
31-Dec-91	% mining recovery	% dilution	lead	zinc	Iron	combined	volume *	
Bench:	95%	10%	0.00	0.00	0.0	0.00		
	<i>diluted =</i>	dil tonnes	lead	zinc	Iron	combined	volume *	Density
		1,498,543	3.97	4.71	21.4	8.68		

* Volumes for GRUM & VANGORDA are BCM, for FARO, BCU (select the criteria separately)

year	month	bench	phase	grade	tonnes	lead	zinc	iron	combined	date	valu
1991	JAN	1134	V	HR+	82,222	4.39	5.04	24.0	9.43	Jan-91	
1991	JAN	1134	V	HG+	11,292	3.40	4.31	23.6	7.71	Jan-91	
1991	JAN	1128	V	HR+	17,486	5.33	5.42	23.8	10.75	Jan-91	
1991	JAN	1128	V	HG+	126,275	4.04	4.44	24.7	8.48	Jan-91	
1991	FEB	1128	V	HR+	24,053	4.40	5.07	25.2	9.47	Feb-91	
1991	FEB	1128	V	HG+	51,963	3.87	4.79	24.0	8.66	Feb-91	
1991	MARCH	1128	V	HR+	50,667	4.04	4.58	23.9	8.62	Mar-91	
1991	MARCH	1128	V	HG+	84,421	3.59	4.74	23.6	8.33	Mar-91	
1991	MARCH	1122	V	HG+	2,198	3.52	5.61	15.6	9.13	Mar-91	
1991	APRIL	1122	V	HG+	10,367	3.01	4.97	20.7	7.98	Apr-91	
1991	JUNE	1122	V	HR+	5,581	2.72	4.27	22.0	6.99	Jun-91	
1991	JUNE	1122	V	HG+	35,092	4.48	5.70	23.0	10.18	Jun-91	
1991	JULY	1128	V	HR+	11,028	6.35	5.75	23.3	12.10	Jul-91	
1991	JULY	1128	V	HG+	1,149	5.63	3.96	21.3	9.59	Jul-91	
1991	JULY	1122	V	HR+	32,404	4.70	4.80	24.0	9.50	Jul-91	
1991	JULY	1122	V	HG+	95,880	5.26	5.50	24.6	10.76	Jul-91	
1991	AUG	1128	V	HG+	5,167	4.73	5.37	23.9	10.10	Aug-91	
1991	AUG	1122	V	HR+	18,351	6.87	6.64	23.4	13.51	Aug-91	
1991	AUG	1122	V	HG+	8,842	5.41	6.31	22.0	11.72	Aug-91	
1991	AUG	1116	V	HR+	16,089	4.79	5.88	23.3	10.67	Aug-91	
1991	AUG	1116	V	HG+	103,732	4.92	5.79	24.2	10.71	Aug-91	
1991	SEPT	1128	V	HR+	1,189	8.00	6.00	20.0	14.00	Sep-91	
1991	SEPT	1128	V	HG+	1,882	8.00	6.00	20.0	14.00	Sep-91	
1991	SEPT	1122	V	HR+	40,107	4.40	4.81	27.1	9.21	Sep-91	
1991	SEPT	1122	V	HG+	24,605	5.00	5.75	18.4	10.75	Sep-91	
1991	SEPT	1116	V	HR+	3,069	4.30	6.43	25.1	10.73	Sep-91	
1991	SEPT	1116	V	HG+	1,112	2.81	3.67	33.5	6.48	Sep-91	
1991	SEPT	1110	V	HR+	2,429	5.20	5.00	27.4	10.20	Sep-91	
1991	SEPT	1110	V	HG+	13,789	4.28	5.09	26.8	9.37	Sep-91	
1991	OCT	1122	V	HR+	11,689	4.21	4.97	18.2	9.18	Oct-91	
1991	OCT	1122	V	HG+	20,961	3.37	3.82	23.6	7.19	Oct-91	
1991	OCT	1116	V	HR+	28,619	4.97	5.53	23.5	10.50	Oct-91	
1991	OCT	1116	V	HG+	46,723	3.91	5.31	21.3	9.22	Oct-91	
1991	OCT	1110	V	HR+	7,086	2.73	3.49	22.6	6.22	Oct-91	
1991	OCT	1110	V	HG+	51,949	4.71	5.35	24.9	10.06	Oct-91	
1991	NOV	1116	V	HR+	5,501	5.12	5.26	21.8	10.38	Nov-91	
1991	NOV	1116	V	HG+	90,898	3.92	5.42	21.7	9.34	Nov-91	
1991	NOV	1110	V	HR+	25,114	4.76	4.97	25.8	9.73	Nov-91	
1991	NOV	1110	V	HG+	112,254	4.40	5.51	22.6	9.91	Nov-91	
1991	DEC	1110	V	HR+	3,088	4.56	4.65	26.1	9.21	Dec-91	
1991	DEC	1110	V	HG+	80,536	4.17	5.57	19.3	9.74	Dec-91	
1991	DEC	1104	V	HR+	2,246	5.08	6.33	19.7	11.41	Dec-91	
1991	DEC	1104	V	HG+	64,907	3.60	4.84	27.8	8.44	Dec-91	

Non-Refractory ore Production @ Vangorda 1991

output: -----

summary for the selected records:

start:		tonnes	lead	zinc	Iron combined	volume *	Density
01-Jan-91	<i>Total =</i>	1,045,994	4.26	5.21	23.4	9.47	267,287 3.91

end:							
31-Dec-91	% mining recovery	% dilution	lead	zinc	Iron combined	volume *	
Bench:	95%	10%	0.00	0.00	0.0	0.00	

	<i>Diluted =</i>	dil tonnes	lead	zinc	Iron combined	volume *	Density
		1,093,064	3.88	4.73	21.2	8.61	

* Volumes for GRUM & VANGORDA are BCM, for FARD, BGY (select the criteria separately)

year	month	bench	phase	grade	tonnes	lead	zinc	iron	combined	datevalu
1991	JAN	1134	V	HG+	11,292	3.40	4.31	23.6	7.71	Jan-91
1991	JAN	1128	V	HG+	126,275	4.04	4.44	24.7	8.48	Jan-91
1991	FEB	1128	V	HG+	51,963	3.87	4.79	24.0	8.66	Feb-91
1991	MARCH	1128	V	HG+	84,421	3.59	4.74	23.6	8.33	Mar-91
1991	MARCH	1122	V	HG+	2,198	3.52	5.61	15.6	9.13	Mar-91
1991	APRIL	1122	V	HG+	10,367	3.01	4.97	20.7	7.98	Apr-91
1991	JUNE	1122	V	HG+	35,092	4.48	5.70	23.0	10.18	Jun-91
1991	JULY	1128	V	HG+	1,149	5.63	3.96	21.3	9.59	Jul-91
1991	JULY	1122	V	HG+	95,880	5.26	5.50	24.6	10.76	Jul-91
1991	AUG	1128	V	HG+	5,167	4.73	5.37	23.9	10.10	Aug-91
1991	AUG	1122	V	HG+	8,842	5.41	6.31	22.0	11.72	Aug-91
1991	AUG	1116	V	HG+	103,732	4.92	5.79	24.2	10.71	Aug-91
1991	SEPT	1128	V	HG+	1,882	8.00	6.00	20.0	14.00	Sep-91
1991	SEPT	1122	V	HG+	24,605	5.00	5.75	18.4	10.75	Sep-91
1991	SEPT	1116	V	HG+	1,112	2.81	3.67	33.5	6.48	Sep-91
1991	SEPT	1110	V	HG+	13,789	4.28	5.09	26.8	9.37	Sep-91
1991	OCT	1122	V	HG+	20,961	3.37	3.82	23.6	7.19	Oct-91
1991	OCT	1116	V	HG+	46,723	3.91	5.31	21.3	9.22	Oct-91
1991	OCT	1110	V	HG+	51,949	4.71	5.35	24.9	10.06	Oct-91
1991	NOV	1116	V	HG+	90,898	3.92	5.42	21.7	9.34	Nov-91
1991	NOV	1110	V	HG+	112,254	4.40	5.51	22.6	9.91	Nov-91
1991	DEC	1110	V	HG+	80,536	4.17	5.57	19.3	9.74	Dec-91
1991	DEC	1104	V	HG+	64,907	3.60	4.84	27.8	8.44	Dec-91

Refractory ORE Production @ Vangorda 1991

output: -----

summary for the selected records:

start:		tonnes	lead	zinc	Iron	combined	volume *	Density
01-Jan-91	<i>Total</i>	388,018	4.64	5.10	24.1	9.74	97,699	3.97

end:		% mining recovery	% dilution	lead	zinc	Iron	combined	volume *
31-Dec-91		95%	10%	0.00	0.00	0.0	0.00	

Bench:		dil tonnes	lead	zinc	Iron	combined	volume *	Density
	<i>Diluted</i>	405,479	4.22	4.63	21.9	8.85		

* Volumes for GRUM & VANGORDA are BCM, for FARO, BCY (select the criteria separately)

year	month	bench	phase	grade	tonnes	lead	zinc	iron	combined	date	valu
1991	JAN	1134	V	HR+	82,222	4.39	5.04	24.0	9.43	Jan-91	
1991	JAN	1128	V	HR+	17,486	5.33	5.42	23.8	10.75	Jan-91	
1991	FEB	1128	V	HR+	24,053	4.40	5.07	25.2	9.47	Feb-91	
1991	MARCH	1128	V	HR+	50,667	4.04	4.58	23.9	8.62	Mar-91	
1991	JUNE	1122	V	HR+	5,581	2.72	4.27	22.0	6.99	Jun-91	
1991	JULY	1128	V	HR+	11,028	6.35	5.75	23.3	12.10	Jul-91	
1991	JULY	1122	V	HR+	32,404	4.70	4.80	24.0	9.50	Jul-91	
1991	AUG	1122	V	HR+	18,351	6.87	6.64	23.4	13.51	Aug-91	
1991	AUG	1116	V	HR+	16,089	4.79	5.88	23.3	10.67	Aug-91	
1991	SEPT	1128	V	HR+	1,189	8.00	6.00	20.0	14.00	Sep-91	
1991	SEPT	1122	V	HR+	40,107	4.40	4.81	27.1	9.21	Sep-91	
1991	SEPT	1116	V	HR+	3,069	4.30	6.43	25.1	10.73	Sep-91	
1991	SEPT	1110	V	HR+	2,429	5.20	5.00	27.4	10.20	Sep-91	
1991	OCT	1122	V	HR+	11,689	4.21	4.97	18.2	9.18	Oct-91	
1991	OCT	1116	V	HR+	28,619	4.97	5.53	23.5	10.50	Oct-91	
1991	OCT	1110	V	HR+	7,086	2.73	3.49	22.6	6.22	Oct-91	
1991	NOV	1116	V	HR+	5,501	5.12	5.26	21.8	10.38	Nov-91	
1991	NOV	1110	V	HR+	25,114	4.76	4.97	25.8	9.73	Nov-91	
1991	DEC	1110	V	HR+	3,088	4.56	4.65	26.1	9.21	Dec-91	
1991	DEC	1104	V	HR+	2,246	5.08	6.33	19.7	11.41	Dec-91	

Vangorda Pit "Low grade" ore Production 1991

output:

summary for the selected records:

start:	tonnes	lead	zinc	Iron	combined volume *	Density
01-Jan-91	<i>Total =</i> 167,801	2.19	2.66	22.7	4.85 45,596	3.68
end:	% mining recovery	% dilution	lead	zinc	Iron	combined volume *
31-Dec-91	95%	10%	0.00	0.00	0.0 0.00	
Bench:	dil tonnes	lead	zinc	Iron	combined volume *	Density
	<i>diluted =</i> 175,352	1.99	2.42	20.7	4.41	

year	month	bench	phase	grade	tonnes	lead	zinc	iron	combined	datevalu
1991	AUG	1128	V	L3	5,550	2.03	3.32	14.9	5.35	Aug-91
1991	AUG	1116	V	L3	55,223	2.31	2.39	27.8	4.70	Aug-91
1991	SEPT	1122	V	L3	5,658	2.21	1.88	20.6	4.09	Sep-91
1991	OCT	1122	V	L3	23,527	1.88	3.11	12.8	4.99	Oct-91
1991	OCT	1116	V	L3	7,375	1.83	3.39	15.5	5.22	Oct-91
1991	OCT	1110	V	L3	8,944	1.99	1.78	35.2	3.77	Oct-91
1991	NOV	1116	V	L3	18,177	1.84	2.82	14.2	4.66	Nov-91
1991	NOV	1110	V	L3	8,414	2.73	1.92	30.9	4.65	Nov-91
1991	DEC	1110	V	L3	18,641	2.27	2.92	18.5	5.19	Dec-91
1991	DEC	1104	V	L3	16,292	2.61	3.01	29.8	5.62	Dec-91

Faro Pit "High grade" Production 1991

output: -----

summary for the selected records:

start:		tonnes	lead	zinc	Iron	combined	volume *	Density
01-Jan-91	<i>Total</i> =	751,524	2.94	5.75	27.5	8.70	242,299	3.10

end:		% mining recovery	% dilution	lead	zinc	Iron	combined	volume *
31-Dec-91		95%	10%	0.00	0.00	0.0	0.00	

Bench:	<i>diluted</i> =	dil tonnes	lead	zinc	Iron	combined	volume *	Density
		785,343	2.68	5.23	25.0	7.91		

* Volumes for GRUM & VANGORDA are BCM. for FARO, BCY (select the criteria separately)

year	month	bench	phase	grade	tonnes	lead	zinc	iron	combined	date/valu
1991	JAN	3550	E*	H+	43,911	3.44	5.18	31.6	8.62	Jan-91
1991	JAN	3530	E*	H+	2,684	2.91	4.31	38.5	7.22	Jan-91
1991	JAN	3390	S	H+	102,978	3.15	5.57	30.5	8.72	Jan-91
1991	FEB	3530	E*	H+	53,148	3.57	5.91	29.8	9.48	Feb-91
1991	FEB	3510	E*	H+	41,323	3.54	5.40	31.0	8.94	Feb-91
1991	FEB	3390	S	H+	12,945	3.31	6.07	31.5	9.38	Feb-91
1991	MARCH	3510	E*	H+	9,101	2.59	5.34	30.5	7.93	Mar-91
1991	MARCH	3490	E*	H+	38,234	2.67	5.69	32.2	8.36	Mar-91
1991	MARCH	3370	S	H+	48,531	2.45	5.35	23.5	7.80	Mar-91
1991	APRIL	3490	E*	H+	47,060	2.63	5.30	29.6	7.93	Apr-91
1991	JUNE	3490	E*	H+	3,557	3.37	7.53	22.3	10.90	Jun-91
1991	AUG	3470	ES	H+	47,644	2.90	6.15	28.4	9.05	Aug-91
1991	SEPT	3590	E	H+	5,708	2.90	7.34	23.8	10.24	Sep-91
1991	SEPT	3570	E	H+	25,034	3.22	7.42	23.9	10.64	Sep-91
1991	SEPT	3550	E	H+	44,098	2.71	6.38	22.0	9.09	Sep-91
1991	SEPT	3530	E	H+	35,844	2.49	5.44	22.3	7.93	Sep-91
1991	SEPT	3470	E	H+	17,708	3.61	7.57	26.1	11.18	Sep-91
1991	OCT	3530	E	H+	43,102	2.75	6.12	24.0	8.87	Oct-91
1991	OCT	3510	E	H+	31,171	3.20	7.44	24.4	10.64	Oct-91
1991	OCT	3490	E	H+	25,780	2.48	4.22	34.9	6.70	Oct-91
1991	NOV	3490	E	H+	24,892	2.22	4.82	13.7	7.04	Nov-91
1991	NOV	3470	E	H+	25,503	2.78	4.58	34.1	7.36	Nov-91
1991	DEC	3450	E	H+	21,568	2.47	5.63	21.0	8.10	Dec-91

Faro Pit "Medium" grade ore Production 1991

output: -----

summary for the selected records:

start:		tonnes	lead	zinc	Iron	combined	volume *	Density
01-Jan-91	<i>Total =</i>	458,056	2.30	4.13	26.7	6.43	152,779	3.00
end:								
31-Dec-91	% mining recovery	% dilution	lead	zinc	Iron	combined	volume *	
Bench:	95%	10%	0.00	0.00	0.0	0.00		
	<i>diluted =</i>	dil tonnes	lead	zinc	Iron	combined	volume *	Density
		478,668	2.09	3.75	24.3	5.84		

* Volumes for GRUM & VANGORDA are BCM, for FARO, BCY (select the criteria separately)

year	month	bench	phase	grade	tonnes	lead	zinc	iron	combined	date	valu
1991	JAN	3550	E*	HM	26,151	2.35	4.75	26.9	7.10	Jan-91	
1991	JAN	3530	E*	HM	1,277	2.24	4.74	19.3	6.98	Jan-91	
1991	JAN	3390	S	HM	13,163	2.31	4.25	22.8	6.56	Jan-91	
1991	FEB	3530	E*	HM	65,214	2.73	4.37	32.4	7.10	Feb-91	
1991	FEB	3510	E*	HM	31,654	2.81	4.19	33.2	7.00	Feb-91	
1991	MARCH	3510	E*	HM	6,480	2.08	3.26	33.5	5.34	Mar-91	
1991	MARCH	3490	E*	HM	50,005	2.55	3.76	34.4	6.31	Mar-91	
1991	MARCH	3370	S	HM	37,849	2.22	4.60	21.3	6.82	Mar-91	
1991	APRIL	3490	E*	HM	20,432	2.27	3.85	32.2	6.12	Apr-91	
1991	JUNE	3490	E*	HM	9,226	2.36	5.37	30.5	7.73	Jun-91	
1991	AUG	3470	ES	HM	14,960	1.91	3.59	30.9	5.50	Aug-91	
1991	SEPT	3590	E	HM	2,316	1.33	3.14	19.9	4.47	Sep-91	
1991	SEPT	3570	E	HM	9,035	2.31	4.86	21.0	7.17	Sep-91	
1991	SEPT	3550	E	HM	26,862	1.69	3.57	21.4	5.26	Sep-91	
1991	SEPT	3530	E	HM	4,127	2.21	4.69	22.5	6.90	Sep-91	
1991	OCT	3510	E	HM	12,887	2.11	4.44	15.7	6.55	Oct-91	
1991	OCT	3490	E	HM	29,344	2.08	3.98	26.5	6.06	Oct-91	
1991	NOV	3470	E	HM	58,466	2.16	3.91	25.0	6.07	Nov-91	
1991	DEC	3450	E	HM	36,667	2.03	3.99	15.1	6.02	Dec-91	
1991	DEC	3430	E	HM	1,941	1.64	3.24	9.6	4.88	Dec-91	

Faro Pit "East" Phase Lowgrade Production 1991

output: -----

summary for the selected records:

start:		tonnes	lead	zinc	Iron	combined	volume *	Density
01-Jan-91	<i>Total =</i>	417,486	1.41	2.61	28.8	4.02	133,002	3.14

end:		% mining recovery	% dilution	lead	zinc	Iron	combined	volume *
31-Dec-91		95%	10%	0.00	0.00	0.0	0.00	

Bench:		dil tonnes	lead	zinc	Iron	combined	volume *	Density
	<i>diluted =</i>	436,273	1.28	2.37	26.2	3.66		

* Volumes for GRUM & VANGORDA are BCM, for FARO, BCU (select the criteria separately)

year	month	bench	phase	grade	tonnes	lead	zinc	iron	combined	datevalu
1991	JAN	3550	E*	L3	50,083	1.51	2.43	29.9	3.94	Jan-91
1991	JAN	3530	E*	L3	6,659	1.24	2.28	23.0	3.52	Jan-91
1991	FEB	3530	E*	L3	85,702	1.48	2.49	29.9	3.97	Feb-91
1991	FEB	3510	E*	L3	41,435	1.65	2.50	33.5	4.15	Feb-91
1991	MARCH	3510	E*	L3	42,489	1.55	2.96	30.8	4.51	Mar-91
1991	MARCH	3490	E*	L3	32,221	1.37	2.67	36.0	4.04	Mar-91
1991	APRIL	3490	E*	L3	38,372	1.25	2.56	31.0	3.81	Apr-91
1991	JUNE	3490	E*	L3	6,143	1.31	3.17	31.2	4.48	Jun-91
1991	SEPT	3570	E	L3	658	1.32	3.13	18.9	4.45	Sep-91
1991	SEPT	3570	E	L3	13,093	1.12	2.73	20.3	3.85	Sep-91
1991	SEPT	3550	E	L3	20,453	1.03	2.37	21.2	3.40	Sep-91
1991	SEPT	3530	E	L3	909	1.09	2.16	23.1	3.25	Sep-91
1991	OCT	3530	E	L3	14,435	1.13	2.88	18.8	4.01	Oct-91
1991	OCT	3510	E	L3	6,969	1.54	2.89	12.8	4.43	Oct-91
1991	OCT	3510	E	L3	3,049	1.14	2.35	11.8	3.49	Oct-91
1991	OCT	3490	E	L3	8,301	1.15	2.79	12.9	3.94	Oct-91
1991	NOV	3490	E	L3	11,648	1.17	2.55	27.5	3.71	Nov-91
1991	NOV	3470	E	L3	33,731	1.55	2.71	29.8	4.26	Nov-91
1991	DEC	3450	E	L3	1,136	1.21	3.34	4.5	4.55	Dec-91

Faro Pit "S" Phase Low grade Production 1991

output: -----

summary for the selected records:

start:	tonnes	lead	zinc	Iron	combined	volume *	Density
01-Jan-91	<i>total =</i> 12,807	1.38	2.90	16.6	4.28	3,853	3.32

end:	% mining recovery	% dilution	lead	zinc	Iron	combined	volume *
31-Dec-91	95%	10%	0.00	0.00	0.0	0.00	

Bench:	dil tonnes	lead	zinc	Iron	combined	volume *	Density
	<i>diluted =</i> 13,383	1.25	2.64	15.1	3.89		

* Volumes for GRUM & VANGORDA are BCM, for FARO, BCY (select the criteria separately)

year	month	bench phase	grade	tonnes	lead	zinc	iron	combined	datevalu
1991	JAN	3390 S	L3	12,807	1.38	2.90	16.6	4.28	Jan-91

Underground Production 1991

output: -----									
summary for the selected records:									
start:			tonnes	lead	zinc	Iron	combined	volume *	Density
01-Jan-91	<i>Total =</i>		605,903	4.53	7.19	25.0	11.72	208,932	2.90
end:				lead	zinc	Iron	combined	volume *	
31-Dec-91	% mining recovery		% dilution	0.00	0.00	0.0	0.00		
Bench:	95%		10%						

summary for the selected records:									
		dil tonnes	lead	zinc	Iron	combined	volume *	Density	
<i>Diluted</i>		633,169	4.12	6.54	22.7	10.65			

* Volumes for GRUM & VANGORDA are BCM, for FARO, BCY (select the criteria separately)

year	month	bench	phase	grade	tonnes	lead	zinc	iron	combined	date/valu
1991		U/G	U/G	H+	605,903	4.53	7.19	25.0	11.72	Dec-91