

020773

CURRAGH RESOURCES INC.

GRUM NET PROFIT INTEREST CALCULATION

APRIL 26, 1990

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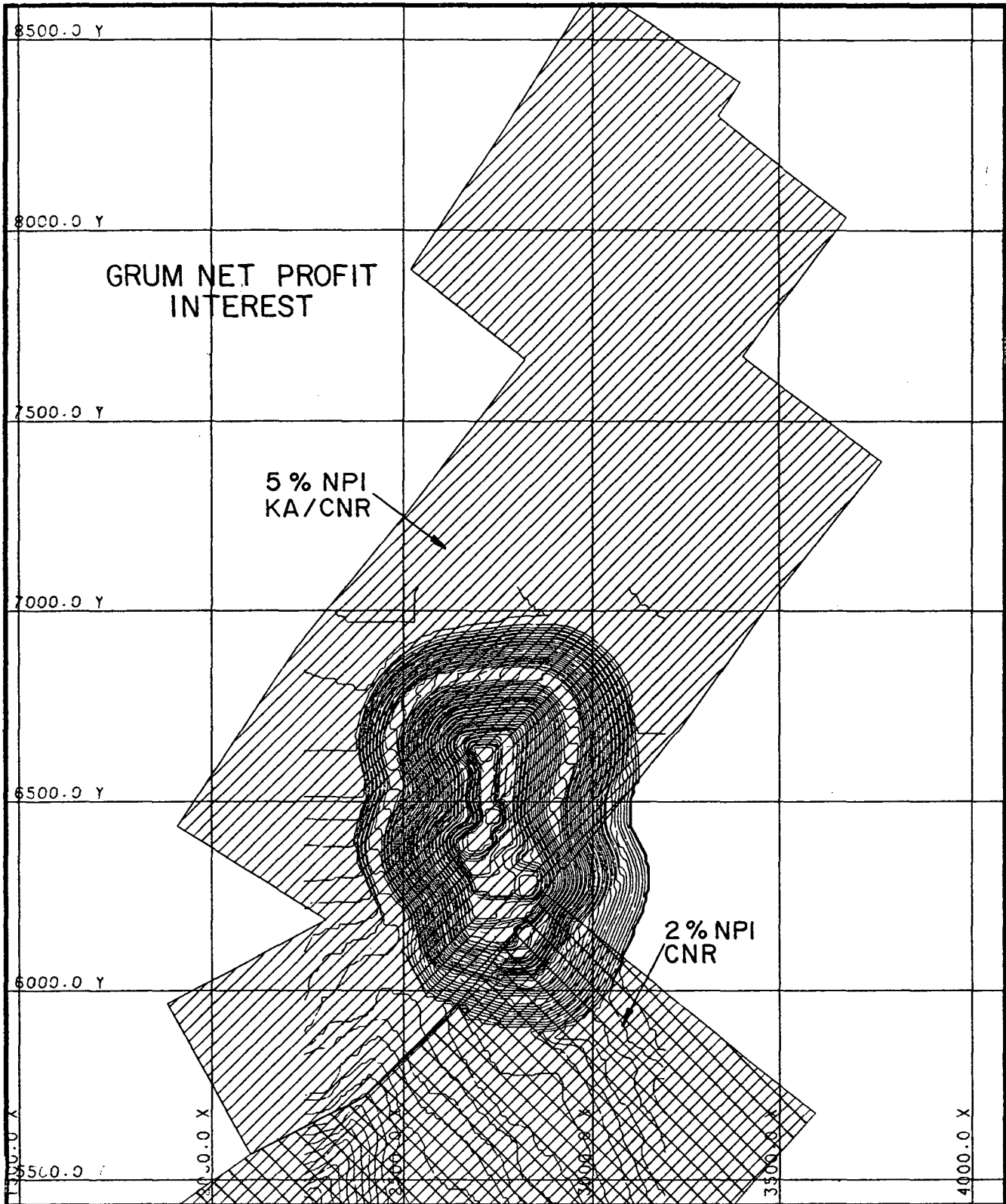
INTRODUCTION

The following reserve statements detail Grum mining reserves subject to an outside net profit interest (NPI). Total mining reserves are also reported. Mining reserves were calculated within the GIV stage 3 ultimate pit by bench (7m bench height) for waste (less than 3% Pb+Zn) and 3,4,5, & 6 percent Pb+Zn cutoff values. All reserves were calculated using the G8705 undiluted, unadjusted PCMINE 3 dimensional block model.

Map 1 outlines the area in the vicinity of the Grum orebody subject to a 5% and 2% NPI. The 5% NPI is a total of 3% NPI held by Kerr Addison Mines in addition to a 2% NPI held by Canadian Natural Resources. Canadian Natural Resources is the sole outside interest within the area of the 2% NPI polygon.

NPI boundaries were digitized from a 1976 Hosford, Impey, and Welter legal survey map of mineral claims, Vangorda area, 1" = 1000', for Cyprus Anvil Mining Corporation. The grid system used for the survey was Yukon Territorial Plane Grid. For the purposes of this reserve calculation, coordinates were transformed into UTM and finally into Grum G8705 model grid coordinates. Coordinate transformation formulae were derived from least squared methods using survey control stations located throughout the Anvil district (see Fortran Program L200, Lee Pigage, 1985).

Sections 1 to 4 list Grum bench mining reserves inside and outside of any NPI for each cutoff grade. Section 5 is a calculation of the net profit interest as a percentage of the total mining reserve for each bench in the GIV Stage 3 Grum pit.



QUICK-PLOT GEMCOM Services Inc.	DATE = 24-04-90 TIME = 16:17:52	GEMCOM Services Inc. Vancouver Office	Grum Depo NPI Inter
HORIZONTAL SCALE = 1 : 15000		VERTICAL SCALE = 1 : 15000	

SECTION 1

GRUM MINING RESERVE SUBJECT TO

5% NET PROFIT INTEREST

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest 26-Apr-90
Reserves Calculated Inside of NPI 5% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag	Au
Total Waste (Pb+Zn <3%)			In-Situ Reserves			NO ADJUSTMENTS				
1	1336.0	1324.0	7,200	2.10	15,110	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	858,120	2.55	2,184,590	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	2,572,200	2.59	6,660,460	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	1,528,980	2.50	3,820,380	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	1,595,340	2.52	4,027,130	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	1,675,560	2.55	4,275,270	0.00	0.00	0.00	0.0	0.00
7	1286.5	1282.0	1,765,920	2.57	4,531,610	0.00	0.00	0.00	0.0	0.00
8	1282.0	1277.5	1,833,240	2.56	4,696,520	0.00	0.00	0.00	0.0	0.00
9	1277.5	1273.0	1,956,180	2.54	4,963,360	0.00	0.00	0.00	0.0	0.00
10	1273.0	1268.5	2,019,420	2.53	5,108,810	0.00	0.00	0.00	0.0	0.00
11	1268.5	1264.0	2,024,580	2.55	5,154,070	0.00	0.00	0.00	0.0	0.00
12	1264.0	1259.5	1,986,360	2.56	5,083,250	0.00	0.00	0.00	0.0	0.00
13	1259.5	1255.0	1,921,620	2.58	4,952,320	0.00	0.00	0.00	0.0	0.00
14	1255.0	1250.5	1,852,140	2.59	4,801,670	0.00	0.00	0.00	0.0	0.00
15	1250.5	1246.0	1,779,360	2.61	4,644,620	0.00	0.00	0.00	0.0	0.00
16	1246.0	1241.5	1,706,820	2.63	4,488,890	0.00	0.00	0.00	0.0	0.00
17	1241.5	1237.0	1,631,280	2.65	4,318,950	0.00	0.00	0.00	0.0	0.00
18	1237.0	1232.5	1,574,040	2.66	4,186,250	0.00	0.00	0.00	0.0	0.00
19	1232.5	1228.0	1,502,040	2.67	4,013,930	0.00	0.00	0.00	0.0	0.00
20	1228.0	1223.5	1,425,000	2.68	3,819,590	0.00	0.00	0.00	0.0	0.00
21	1223.5	1219.0	1,371,360	2.69	3,688,980	0.00	0.00	0.00	0.0	0.00
22	1219.0	1214.5	1,329,780	2.70	3,591,900	0.00	0.00	0.00	1.0	0.00
23	1214.5	1210.0	1,291,380	2.70	3,488,410	0.01	0.00	0.01	1.0	0.00
24	1210.0	1205.5	1,240,740	2.70	3,351,970	0.01	0.00	0.01	0.0	0.00
25	1205.5	1201.0	1,194,360	2.70	3,226,690	0.02	0.01	0.01	0.0	0.00
26	1201.0	1196.5	1,151,940	2.70	3,112,570	0.01	0.00	0.01	1.0	0.00
27	1196.5	1192.0	1,111,020	2.70	3,002,330	0.01	0.00	0.01	1.0	0.00
28	1192.0	1187.5	1,076,160	2.70	2,908,190	0.01	0.00	0.01	1.0	0.01
29	1187.5	1183.0	1,038,060	2.70	2,805,740	0.02	0.01	0.01	1.0	0.01
30	1183.0	1178.5	988,080	2.70	2,672,490	0.03	0.01	0.02	1.0	0.01
31	1178.5	1174.0	939,780	2.70	2,540,910	0.02	0.01	0.01	1.0	0.01
32	1174.0	1169.5	908,220	2.70	2,454,370	0.00	0.00	0.01	1.0	0.01
33	1169.5	1165.0	864,180	2.70	2,335,120	0.02	0.01	0.01	1.0	0.01
34	1165.0	1160.5	812,640	2.70	2,196,080	0.02	0.01	0.01	1.0	0.00
35	1160.5	1156.0	764,940	2.70	2,066,610	0.01	0.00	0.01	1.0	0.00
36	1156.0	1151.5	733,500	2.70	1,981,720	0.01	0.00	0.01	1.0	0.00
37	1151.5	1147.0	700,800	2.70	1,893,920	0.00	0.00	0.00	1.0	0.00
38	1147.0	1142.5	663,840	2.70	1,795,310	0.02	0.01	0.01	1.0	0.00
39	1142.5	1138.0	622,320	2.71	1,684,030	0.03	0.01	0.02	1.0	0.00
40	1138.0	1133.5	588,720	2.71	1,594,780	0.05	0.02	0.03	1.0	0.01
41	1133.5	1129.0	550,560	2.71	1,492,400	0.08	0.03	0.05	1.0	0.01
42	1129.0	1124.5	498,300	2.71	1,349,530	0.05	0.01	0.04	1.0	0.01
43	1124.5	1120.0	455,520	2.71	1,233,950	0.06	0.02	0.04	1.0	0.01
44	1120.0	1115.5	428,760	2.71	1,160,210	0.04	0.01	0.03	1.0	0.01
45	1115.5	1111.0	403,620	2.70	1,091,790	0.03	0.01	0.02	1.0	0.01
46	1111.0	1106.5	369,060	2.70	998,190	0.05	0.01	0.04	1.0	0.00
47	1106.5	1102.0	346,920	2.71	939,250	0.04	0.01	0.03	1.0	0.01

CURRAGH RESOURCES INC.

Grum Net Profit Interest 26-Apr-90
Reserves Calculated Inside of NPI 5% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag	Au
Cutoff = +3% Pb+Zn			In-Situ Reserves			NO ADJUSTMENTS				
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	540	2.89	1,560	5.89	2.25	3.64	35.0	0.49
7	1286.5	1282.0	1,620	2.90	4,690	5.88	2.23	3.65	35.0	0.49
8	1282.0	1277.5	3,240	2.99	9,680	7.21	2.70	4.51	45.0	0.56
9	1277.5	1273.0	9,180	3.00	27,510	7.13	2.71	4.42	45.0	0.57
10	1273.0	1268.5	14,040	2.95	41,410	6.14	2.19	3.95	37.0	0.73
11	1268.5	1264.0	17,280	2.94	50,760	5.89	2.02	3.87	35.0	0.81
12	1264.0	1259.5	22,680	2.96	67,170	5.58	1.90	3.68	33.0	0.82
13	1259.5	1255.0	32,940	2.97	97,820	5.85	2.01	3.84	35.0	0.80
14	1255.0	1250.5	46,980	2.95	138,480	6.44	2.20	4.24	39.0	0.76
15	1250.5	1246.0	66,960	2.98	199,340	6.83	2.36	4.47	41.0	0.76
16	1246.0	1241.5	88,560	3.00	266,070	6.76	2.36	4.40	41.0	0.75
17	1241.5	1237.0	111,780	3.03	338,420	6.99	2.48	4.51	42.0	0.73
18	1237.0	1232.5	119,880	3.03	363,810	7.10	2.49	4.61	42.0	0.69
19	1232.5	1228.0	139,320	3.07	428,330	7.27	2.54	4.73	42.0	0.65
20	1228.0	1223.5	166,320	3.12	518,610	7.46	2.63	4.83	44.0	0.66
21	1223.5	1219.0	175,920	3.14	552,440	7.61	2.73	4.88	45.2	0.68
22	1219.0	1214.5	169,680	3.12	529,880	7.40	2.61	4.79	43.6	0.66
23	1214.5	1210.0	165,120	3.10	511,370	7.19	2.51	4.68	42.7	0.66
24	1210.0	1205.5	165,060	3.10	511,220	7.30	2.59	4.71	43.1	0.69
25	1205.5	1201.0	167,760	3.12	522,800	7.64	2.73	4.91	44.5	0.70
26	1201.0	1196.5	167,640	3.17	531,180	8.28	3.00	5.28	48.8	0.75
27	1196.5	1192.0	163,320	3.24	529,730	8.76	3.23	5.53	53.2	0.79
28	1192.0	1187.5	153,960	3.26	501,420	8.52	3.15	5.37	52.2	0.77
29	1187.5	1183.0	150,300	3.20	480,470	7.96	2.95	5.01	49.2	0.73
30	1183.0	1178.5	157,800	3.18	501,750	7.98	2.96	5.02	49.0	0.75
31	1178.5	1174.0	164,100	3.19	523,770	7.97	2.96	5.01	49.9	0.77
32	1174.0	1169.5	154,680	3.22	498,710	8.34	3.11	5.23	52.2	0.82
33	1169.5	1165.0	155,040	3.28	508,270	8.94	3.37	5.57	55.5	0.84
34	1165.0	1160.5	168,600	3.29	554,560	8.99	3.41	5.58	55.4	0.88
35	1160.5	1156.0	172,260	3.30	567,850	9.23	3.45	5.78	57.9	0.98
36	1156.0	1151.5	165,720	3.31	548,410	9.73	3.54	6.19	59.6	1.04
37	1151.5	1147.0	163,020	3.33	542,270	9.91	3.60	6.31	60.7	1.05
38	1147.0	1142.5	167,160	3.32	554,590	9.42	3.46	5.96	58.8	1.03
39	1142.5	1138.0	174,000	3.32	577,950	9.00	3.32	5.68	56.9	1.01
40	1138.0	1133.5	175,800	3.36	591,370	9.19	3.44	5.75	57.7	1.01
41	1133.5	1129.0	182,040	3.37	612,940	9.20	3.48	5.72	58.3	0.98
42	1129.0	1124.5	201,060	3.32	667,870	8.71	3.29	5.42	55.0	0.97
43	1124.5	1120.0	215,040	3.31	712,480	8.67	3.27	5.40	54.3	0.95
44	1120.0	1115.5	211,200	3.29	694,140	8.64	3.23	5.41	54.4	0.94
45	1115.5	1111.0	201,060	3.31	665,910	9.02	3.36	5.66	57.5	0.99
46	1111.0	1106.5	194,640	3.38	658,410	9.64	3.59	6.05	61.5	1.04

CURRAGH RESOURCES INC.

Grum Net Profit Interest 26-Apr-90
 Reserves Calculated Inside of NPI 5% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag	Au
47	1106.5	1102.0	183,900	3.42	629,050	10.32	3.81	6.51	64.4	1.11
48	1102.0	1097.5	168,000	3.42	575,390	10.31	3.81	6.50	65.3	1.12
49	1097.5	1093.0	161,640	3.41	551,450	9.64	3.66	5.98	63.5	1.07
50	1093.0	1088.5	152,520	3.42	521,360	9.35	3.62	5.73	62.1	1.04
51	1088.5	1084.0	142,320	3.40	484,090	9.16	3.56	5.60	60.9	1.04
52	1084.0	1079.5	136,680	3.43	468,740	8.91	3.46	5.45	59.2	1.06
53	1079.5	1075.0	125,220	3.50	437,970	8.69	3.39	5.30	57.1	1.08
54	1075.0	1070.5	98,460	3.56	350,430	8.77	3.38	5.39	58.0	1.09
55	1070.5	1066.0	70,320	3.56	250,350	8.71	3.22	5.49	57.0	1.06
56	1066.0	1061.5	59,520	3.61	214,730	8.34	3.06	5.28	55.0	1.04
57	1061.5	1057.0	57,300	3.68	210,980	8.65	3.16	5.49	57.7	1.07
58	1057.0	1052.5	60,720	3.74	227,320	9.48	3.49	5.99	63.7	1.19
59	1052.5	1048.0	58,620	3.86	226,220	9.96	3.73	6.23	67.2	1.32
60	1048.0	1043.5	51,360	4.02	206,380	11.06	4.12	6.94	75.9	1.37
61	1043.5	1039.0	34,680	3.87	134,250	10.10	3.80	6.30	63.9	1.32
62	1039.0	1034.5	12,120	3.87	46,910	11.28	4.28	7.00	68.9	1.21
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:			6,916,680	3.29	22,741,040	8.65	3.20	5.45	54.1	0.91

CURRAGH RESOURCES INC.

Grum Net Profit Interest 26-Apr-90
Reserves Calculated Inside of NPI 5% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag	Au
Cutoff = +4% Pb+Zn										
					In-Situ Reserves			NO ADJUSTMENTS		
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	540	2.89	1,560	5.89	2.25	3.64	35.0	0.49
7	1286.5	1282.0	1,620	2.90	4,690	5.88	2.23	3.65	35.0	0.49
8	1282.0	1277.5	3,240	2.99	9,680	7.21	2.70	4.51	45.0	0.56
9	1277.5	1273.0	9,180	3.00	27,510	7.13	2.71	4.42	45.0	0.57
10	1273.0	1268.5	14,040	2.95	41,410	6.14	2.19	3.95	37.0	0.73
11	1268.5	1264.0	17,280	2.94	50,760	5.89	2.02	3.87	35.0	0.81
12	1264.0	1259.5	22,680	2.96	67,170	5.58	1.90	3.68	33.0	0.82
13	1259.5	1255.0	31,320	2.96	92,840	5.97	2.05	3.92	36.0	0.80
14	1255.0	1250.5	44,820	2.94	131,850	6.59	2.25	4.34	39.0	0.75
15	1250.5	1246.0	63,180	2.97	187,500	7.03	2.43	4.60	42.0	0.76
16	1246.0	1241.5	82,080	2.99	245,770	7.04	2.46	4.58	42.0	0.74
17	1241.5	1237.0	100,980	3.02	305,060	7.37	2.62	4.75	44.0	0.73
18	1237.0	1232.5	108,540	3.04	329,790	7.47	2.62	4.85	44.0	0.70
19	1232.5	1228.0	121,500	3.09	375,130	7.80	2.72	5.08	45.0	0.67
20	1228.0	1223.5	150,660	3.13	471,360	7.86	2.77	5.09	46.0	0.67
21	1223.5	1219.0	161,880	3.15	509,360	7.95	2.84	5.11	47.0	0.69
22	1219.0	1214.5	150,480	3.12	470,030	7.89	2.77	5.12	46.2	0.68
23	1214.5	1210.0	146,580	3.10	454,430	7.65	2.66	4.99	45.0	0.68
24	1210.0	1205.5	153,720	3.09	475,720	7.59	2.68	4.91	45.0	0.70
25	1205.5	1201.0	162,300	3.12	505,740	7.78	2.77	5.01	45.5	0.71
26	1201.0	1196.5	162,660	3.17	515,580	8.41	3.04	5.37	49.8	0.76
27	1196.5	1192.0	158,460	3.25	514,370	8.92	3.28	5.64	54.2	0.80
28	1192.0	1187.5	145,320	3.27	475,120	8.79	3.25	5.54	54.2	0.78
29	1187.5	1183.0	145,440	3.20	465,640	8.09	3.00	5.09	49.7	0.73
30	1183.0	1178.5	153,480	3.18	488,000	8.09	3.00	5.09	50.6	0.75
31	1178.5	1174.0	154,920	3.20	496,050	8.21	3.05	5.16	50.3	0.78
32	1174.0	1169.5	148,200	3.24	479,510	8.53	3.18	5.35	52.4	0.83
33	1169.5	1165.0	146,220	3.30	482,150	9.23	3.48	5.75	57.7	0.85
34	1165.0	1160.5	160,380	3.31	530,290	9.25	3.51	5.74	56.9	0.89
35	1160.5	1156.0	162,000	3.31	536,940	9.55	3.57	5.98	59.2	1.00
36	1156.0	1151.5	157,620	3.33	524,390	9.99	3.63	6.36	61.9	1.06
37	1151.5	1147.0	153,300	3.35	513,740	10.26	3.73	6.53	63.5	1.07
38	1147.0	1142.5	153,180	3.35	512,860	9.90	3.63	6.27	61.9	1.06
39	1142.5	1138.0	153,300	3.36	515,050	9.67	3.55	6.12	59.7	1.06
40	1138.0	1133.5	146,640	3.42	501,630	10.22	3.81	6.41	63.9	1.09
41	1133.5	1129.0	146,760	3.44	504,620	10.43	3.92	6.51	65.0	1.06
42	1129.0	1124.5	165,180	3.39	560,100	9.71	3.64	6.07	60.9	1.03
43	1124.5	1120.0	190,020	3.36	638,590	9.26	3.47	5.79	58.6	0.98
44	1120.0	1115.5	187,620	3.33	625,630	9.20	3.42	5.78	57.1	0.99
45	1115.5	1111.0	175,140	3.37	590,270	9.72	3.59	6.13	60.9	1.02
46	1111.0	1106.5	168,180	3.45	580,310	10.45	3.86	6.59	66.3	1.08
47	1106.5	1102.0	156,900	3.50	548,960	11.31	4.14	7.17	70.8	1.15

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest 26-Apr-90
 Reserves Calculated Inside of NPI 5% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag	Au
48	1102.0	1097.5	150,720	3.47	523,710	11.00	4.04	6.96	69.4	1.14
49	1097.5	1093.0	143,220	3.47	496,600	10.31	3.89	6.42	67.4	1.09
50	1093.0	1088.5	138,660	3.46	479,980	9.85	3.79	6.06	65.1	1.06
51	1088.5	1084.0	132,600	3.43	455,420	9.53	3.69	5.84	62.6	1.07
52	1084.0	1079.5	123,180	3.48	429,170	9.40	3.64	5.76	62.4	1.09
53	1079.5	1075.0	108,420	3.58	388,370	9.35	3.64	5.71	61.8	1.13
54	1075.0	1070.5	85,680	3.64	311,700	9.41	3.62	5.79	62.8	1.13
55	1070.5	1066.0	64,500	3.60	232,450	9.11	3.36	5.75	58.3	1.08
56	1066.0	1061.5	54,120	3.66	197,940	8.75	3.21	5.54	56.5	1.05
57	1061.5	1057.0	52,500	3.73	195,770	9.05	3.30	5.75	59.0	1.08
58	1057.0	1052.5	57,120	3.78	215,750	9.78	3.59	6.19	66.3	1.20
59	1052.5	1048.0	56,760	3.88	220,200	10.13	3.79	6.34	68.3	1.32
60	1048.0	1043.5	48,720	4.06	197,930	11.37	4.23	7.14	76.5	1.38
61	1043.5	1039.0	33,240	3.90	129,650	10.32	3.88	6.44	65.4	1.33
62	1039.0	1034.5	12,000	3.88	46,520	11.34	4.30	7.04	71.8	1.21
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:			6,298,980	3.31	20,878,320	9.10	3.36	5.74	56.7	0.93

CURRAGH RESOURCES INC.

Grum Net Profit Interest 26-Apr-90
Reserves Calculated Inside of NPI 5% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag	Au
Cutoff = +5% Pb+Zn										
					In-Situ Reserves			NO ADJUSTMENTS		
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	540	2.89	1,560	5.89	2.25	3.64	35.0	0.49
7	1286.5	1282.0	1,620	2.90	4,690	5.88	2.23	3.65	35.0	0.49
8	1282.0	1277.5	3,240	2.99	9,680	7.21	2.70	4.51	45.0	0.56
9	1277.5	1273.0	9,180	3.00	27,510	7.13	2.71	4.42	45.0	0.57
10	1273.0	1268.5	12,960	2.94	38,110	6.32	2.27	4.05	38.0	0.70
11	1268.5	1264.0	15,120	2.93	44,230	6.12	2.11	4.01	36.0	0.78
12	1264.0	1259.5	15,660	2.94	45,970	6.18	2.11	4.07	36.0	0.80
13	1259.5	1255.0	23,760	2.95	70,060	6.45	2.21	4.24	38.0	0.79
14	1255.0	1250.5	36,180	2.94	106,280	7.05	2.42	4.63	42.0	0.73
15	1250.5	1246.0	48,600	2.98	144,700	7.76	2.72	5.04	46.0	0.76
16	1246.0	1241.5	62,100	3.01	187,040	7.81	2.77	5.04	47.0	0.77
17	1241.5	1237.0	74,520	3.04	226,880	8.34	3.00	5.34	49.0	0.78
18	1237.0	1232.5	80,460	3.06	246,460	8.47	3.00	5.47	49.0	0.75
19	1232.5	1228.0	99,360	3.11	309,310	8.51	2.99	5.52	49.0	0.72
20	1228.0	1223.5	129,060	3.15	406,680	8.39	2.97	5.42	48.0	0.71
21	1223.5	1219.0	133,260	3.18	423,380	8.68	3.13	5.55	51.0	0.73
22	1219.0	1214.5	124,560	3.14	391,560	8.58	3.03	5.55	49.8	0.72
23	1214.5	1210.0	119,040	3.12	370,880	8.36	2.92	5.44	48.2	0.72
24	1210.0	1205.5	133,740	3.11	415,270	8.04	2.85	5.19	47.0	0.72
25	1205.5	1201.0	144,480	3.12	450,760	8.18	2.92	5.26	47.3	0.72
26	1201.0	1196.5	147,000	3.18	467,260	8.81	3.20	5.61	51.8	0.78
27	1196.5	1192.0	139,260	3.28	457,060	9.47	3.51	5.96	57.6	0.84
28	1192.0	1187.5	124,260	3.32	412,330	9.43	3.51	5.92	58.0	0.83
29	1187.5	1183.0	123,780	3.23	399,410	8.67	3.23	5.44	54.3	0.76
30	1183.0	1178.5	136,200	3.19	434,370	8.53	3.16	5.37	52.5	0.75
31	1178.5	1174.0	139,260	3.21	447,000	8.62	3.20	5.42	53.2	0.79
32	1174.0	1169.5	131,760	3.26	429,630	9.01	3.36	5.65	56.3	0.85
33	1169.5	1165.0	124,620	3.34	415,960	10.00	3.78	6.22	62.0	0.88
34	1165.0	1160.5	133,380	3.35	447,270	10.13	3.83	6.30	62.5	0.92
35	1160.5	1156.0	143,460	3.35	480,730	10.15	3.79	6.36	62.9	1.04
36	1156.0	1151.5	140,340	3.36	472,240	10.62	3.85	6.77	65.1	1.10
37	1151.5	1147.0	136,560	3.39	463,260	10.89	3.94	6.95	67.0	1.11
38	1147.0	1142.5	132,120	3.40	449,330	10.65	3.89	6.76	65.2	1.11
39	1142.5	1138.0	125,220	3.43	429,400	10.71	3.92	6.79	65.6	1.12
40	1138.0	1133.5	117,480	3.51	412,830	11.46	4.26	7.20	71.5	1.15
41	1133.5	1129.0	121,380	3.52	427,400	11.50	4.31	7.19	71.5	1.11
42	1129.0	1124.5	136,560	3.47	474,180	10.65	3.98	6.67	66.0	1.09
43	1124.5	1120.0	151,680	3.45	523,200	10.31	3.84	6.47	64.2	1.04
44	1120.0	1115.5	152,520	3.40	519,060	10.17	3.75	6.42	63.4	1.03
45	1115.5	1111.0	143,100	3.43	490,920	10.79	3.95	6.84	67.2	1.06
46	1111.0	1106.5	143,880	3.52	506,880	11.33	4.16	7.17	70.8	1.12
47	1106.5	1102.0	137,160	3.58	490,640	12.12	4.42	7.70	75.0	1.20

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest 26-Apr-90
Reserves Calculated Inside of NPI 5% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag	Au
48	1102.0	1097.5	132,240	3.54	468,190	11.77	4.31	7.46	73.8	1.19
49	1097.5	1093.0	128,640	3.51	451,210	10.89	4.09	6.80	70.3	1.10
50	1093.0	1088.5	123,540	3.51	433,210	10.42	3.99	6.43	69.1	1.08
51	1088.5	1084.0	112,620	3.51	394,760	10.31	3.98	6.33	68.3	1.11
52	1084.0	1079.5	108,660	3.55	385,950	9.96	3.85	6.11	66.3	1.12
53	1079.5	1075.0	96,240	3.66	351,980	9.84	3.82	6.02	65.8	1.17
54	1075.0	1070.5	77,040	3.71	285,570	9.87	3.79	6.08	65.0	1.16
55	1070.5	1066.0	57,480	3.67	210,910	9.58	3.52	6.06	62.4	1.10
56	1066.0	1061.5	48,180	3.72	179,050	9.21	3.38	5.83	58.4	1.04
57	1061.5	1057.0	45,480	3.79	172,320	9.66	3.50	6.16	63.7	1.08
58	1057.0	1052.5	52,860	3.82	201,890	10.15	3.72	6.43	67.9	1.21
59	1052.5	1048.0	52,980	3.91	207,290	10.48	3.90	6.58	70.5	1.33
60	1048.0	1043.5	47,640	4.07	193,780	11.52	4.28	7.24	78.8	1.38
61	1043.5	1039.0	30,240	3.97	120,040	10.80	4.05	6.75	68.4	1.35
62	1039.0	1034.5	10,200	3.99	40,710	12.33	4.66	7.67	71.7	1.21
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:			5,372,460	3.36	18,068,230	9.82	3.62	6.20	60.9	0.97

CURRAGH RESOURCES INC.

Grum Net Profit Interest 26-Apr-90
Reserves Calculated Inside of NPI 5% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag	Au
Cutoff = +6% Pb+Zn			In-Situ Reserves			NO ADJUSTMENTS				
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
7	1286.5	1282.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
8	1282.0	1277.5	540	3.44	1,860	12.86	4.77	8.09	88.0	0.81
9	1277.5	1273.0	2,160	3.28	7,090	10.95	4.12	6.83	73.0	0.72
10	1273.0	1268.5	1,620	3.06	4,960	9.63	3.07	6.56	62.0	0.82
11	1268.5	1264.0	2,160	2.91	6,290	8.19	2.39	5.80	50.0	0.82
12	1264.0	1259.5	5,400	2.92	15,750	7.17	2.32	4.85	43.0	0.84
13	1259.5	1255.0	10,800	2.94	31,790	7.58	2.53	5.05	45.0	0.76
14	1255.0	1250.5	24,300	2.94	71,450	7.83	2.67	5.16	47.0	0.72
15	1250.5	1246.0	42,120	2.98	125,330	8.11	2.84	5.27	49.0	0.74
16	1246.0	1241.5	47,520	3.01	142,810	8.49	3.04	5.45	51.0	0.75
17	1241.5	1237.0	66,960	3.05	204,410	8.64	3.12	5.52	51.0	0.78
18	1237.0	1232.5	73,980	3.07	227,050	8.72	3.10	5.62	50.0	0.76
19	1232.5	1228.0	92,880	3.11	289,190	8.72	3.07	5.65	50.0	0.73
20	1228.0	1223.5	116,100	3.16	366,740	8.71	3.11	5.60	50.0	0.73
21	1223.5	1219.0	119,760	3.20	382,710	9.01	3.26	5.75	53.0	0.75
22	1219.0	1214.5	107,280	3.17	340,060	9.05	3.20	5.85	52.8	0.74
23	1214.5	1210.0	107,160	3.13	335,150	8.67	3.02	5.65	49.8	0.74
24	1210.0	1205.5	115,800	3.12	361,010	8.41	2.97	5.44	49.4	0.75
25	1205.5	1201.0	116,580	3.15	367,370	8.79	3.15	5.64	50.7	0.76
26	1201.0	1196.5	116,280	3.23	375,790	9.61	3.51	6.10	56.4	0.84
27	1196.5	1192.0	114,000	3.34	380,950	10.26	3.83	6.43	62.7	0.89
28	1192.0	1187.5	110,700	3.35	370,890	9.86	3.69	6.17	60.7	0.85
29	1187.5	1183.0	106,500	3.26	347,490	9.12	3.42	5.70	56.6	0.79
30	1183.0	1178.5	120,540	3.21	387,450	8.89	3.31	5.58	55.3	0.78
31	1178.5	1174.0	124,140	3.23	400,490	8.97	3.34	5.63	55.7	0.79
32	1174.0	1169.5	115,200	3.29	379,540	9.46	3.54	5.92	59.2	0.87
33	1169.5	1165.0	108,960	3.38	368,190	10.57	4.00	6.57	65.4	0.91
34	1165.0	1160.5	109,620	3.41	373,990	11.02	4.18	6.84	67.9	0.96
35	1160.5	1156.0	116,220	3.41	395,960	11.12	4.13	6.99	68.6	1.10
36	1156.0	1151.5	115,500	3.43	395,670	11.59	4.20	7.39	70.1	1.15
37	1151.5	1147.0	115,080	3.45	396,720	11.79	4.27	7.52	71.5	1.14
38	1147.0	1142.5	111,600	3.46	385,820	11.50	4.20	7.30	70.1	1.15
39	1142.5	1138.0	103,620	3.50	363,030	11.68	4.27	7.41	70.7	1.17
40	1138.0	1133.5	99,660	3.59	358,040	12.37	4.60	7.77	77.0	1.20
41	1133.5	1129.0	98,820	3.62	358,180	12.65	4.73	7.92	79.0	1.16
42	1129.0	1124.5	105,960	3.57	377,830	11.96	4.45	7.51	74.0	1.13
43	1124.5	1120.0	122,640	3.51	430,300	11.36	4.21	7.15	70.5	1.06
44	1120.0	1115.5	129,300	3.43	443,760	10.99	4.02	6.97	67.8	1.03
45	1115.5	1111.0	126,900	3.46	438,450	11.42	4.16	7.26	70.7	1.08
46	1111.0	1106.5	130,740	3.55	463,690	11.88	4.34	7.54	74.5	1.12
47	1106.5	1102.0	127,980	3.60	460,920	12.55	4.56	7.99	78.3	1.20

CURRAGH RESOURCES INC.

Grum Net Profit Interest 26-Apr-90
Reserves Calculated Inside of NPI 5% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag	Au
48	1102.0	1097.5	124,140	3.57	443,070	12.12	4.44	7.68	76.0	1.20
49	1097.5	1093.0	117,840	3.54	417,660	11.32	4.25	7.07	73.7	1.12
50	1093.0	1088.5	110,040	3.54	389,690	10.98	4.19	6.79	71.8	1.08
51	1088.5	1084.0	103,980	3.52	366,330	10.69	4.12	6.57	69.7	1.12
52	1084.0	1079.5	100,440	3.58	359,220	10.28	3.97	6.31	67.7	1.13
53	1079.5	1075.0	89,760	3.69	331,460	10.12	3.93	6.19	67.8	1.18
54	1075.0	1070.5	71,640	3.73	267,530	10.17	3.90	6.27	66.7	1.15
55	1070.5	1066.0	51,780	3.72	192,830	9.97	3.66	6.31	64.4	1.11
56	1066.0	1061.5	42,240	3.78	159,560	9.64	3.52	6.12	62.2	1.07
57	1061.5	1057.0	38,040	3.90	148,470	10.34	3.73	6.61	68.0	1.13
58	1057.0	1052.5	46,380	3.89	180,400	10.71	3.90	6.81	71.9	1.22
59	1052.5	1048.0	49,740	3.94	196,040	10.77	3.99	6.78	72.5	1.34
60	1048.0	1043.5	43,860	4.11	180,070	11.98	4.42	7.56	80.7	1.40
61	1043.5	1039.0	28,200	4.04	113,900	11.09	4.16	6.93	70.0	1.37
62	1039.0	1034.5	9,840	4.03	39,640	12.54	4.74	7.80	75.1	1.22
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:			4,611,000	3.41	15,720,040	10.45	3.85	6.60	64.8	1.00

SECTION 2

GRUM MINING RESERVE SUBJECT TO

2% NET PROFIT INTEREST

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Reserves Calculated Inside of NPI 2% Polygon

WASTE		Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
Bch	Crest									
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	21,300	2.10	44,700	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	86,820	2.10	182,240	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	156,900	2.10	329,330	0.00	0.00	0.00	0.0	0.00
7	1286.5	1282.0	220,860	2.10	463,590	0.00	0.00	0.00	0.0	0.00
8	1282.0	1277.5	279,600	2.10	586,890	0.00	0.00	0.00	0.0	0.00
9	1277.5	1273.0	348,480	2.10	731,480	0.00	0.00	0.00	0.0	0.00
10	1273.0	1268.5	371,160	2.10	779,090	0.00	0.00	0.00	0.0	0.00
11	1268.5	1264.0	353,640	2.10	742,320	0.00	0.00	0.00	0.0	0.00
12	1264.0	1259.5	339,300	2.10	713,830	0.00	0.00	0.00	0.0	0.00
13	1259.5	1255.0	319,020	2.12	675,170	0.00	0.00	0.00	0.0	0.00
14	1255.0	1250.5	304,980	2.13	649,250	0.00	0.00	0.00	0.0	0.00
15	1250.5	1246.0	284,220	2.16	612,820	0.00	0.00	0.00	0.0	0.00
16	1246.0	1241.5	270,120	2.17	586,140	0.00	0.00	0.00	0.0	0.00
17	1241.5	1237.0	250,500	2.21	552,750	0.00	0.00	0.00	0.0	0.00
18	1237.0	1232.5	235,860	2.25	531,430	0.00	0.00	0.00	0.0	0.00
19	1232.5	1228.0	216,720	2.29	497,100	0.00	0.00	0.00	0.0	0.00
20	1228.0	1223.5	199,320	2.36	470,630	0.00	0.00	0.00	0.0	0.00
21	1223.5	1219.0	185,460	2.41	447,740	0.00	0.00	0.00	0.0	0.00
22	1219.0	1214.5	168,420	2.48	417,090	0.00	0.00	0.00	0.0	0.00
23	1214.5	1210.0	158,340	2.52	399,610	0.00	0.00	0.00	0.0	0.00
24	1210.0	1205.5	148,380	2.57	381,130	0.00	0.00	0.00	0.0	0.00
25	1205.5	1201.0	137,340	2.62	359,610	0.00	0.00	0.00	0.0	0.00
26	1201.0	1196.5	119,880	2.68	321,330	0.00	0.00	0.00	0.0	0.00
27	1196.5	1192.0	114,060	2.70	307,960	0.00	0.00	0.00	0.0	0.00
28	1192.0	1187.5	105,180	2.70	283,990	0.00	0.00	0.00	0.0	0.00
29	1187.5	1183.0	95,160	2.70	256,930	0.00	0.00	0.00	0.0	0.00
30	1183.0	1178.5	88,620	2.70	239,280	0.00	0.00	0.00	0.0	0.00
31	1178.5	1174.0	80,940	2.70	218,530	0.00	0.00	0.00	0.0	0.00
32	1174.0	1169.5	70,500	2.70	190,350	0.00	0.00	0.00	0.0	0.00
33	1169.5	1165.0	58,500	2.70	157,950	0.00	0.00	0.00	0.0	0.00
34	1165.0	1160.5	52,260	2.70	141,180	0.00	0.00	0.00	0.0	0.00
35	1160.5	1156.0	43,680	2.70	118,100	0.00	0.00	0.00	0.0	0.00
36	1156.0	1151.5	36,840	2.70	99,550	0.00	0.00	0.00	0.0	0.00
37	1151.5	1147.0	27,420	2.71	74,200	0.00	0.00	0.00	0.0	0.00
38	1147.0	1142.5	19,260	2.70	52,080	0.00	0.00	0.00	0.0	0.00
39	1142.5	1138.0	14,280	2.70	38,550	0.00	0.00	0.00	0.0	0.00
40	1138.0	1133.5	12,300	2.70	33,210	0.00	0.00	0.00	0.0	0.00
41	1133.5	1129.0	16,740	2.70	45,280	0.00	0.00	0.00	0.0	0.00
42	1129.0	1124.5	12,660	2.73	34,590	0.00	0.00	0.00	0.0	0.00
43	1124.5	1120.0	9,780	2.72	26,580	0.00	0.00	0.00	0.0	0.00
44	1120.0	1115.5	6,960	2.70	18,790	0.00	0.00	0.00	0.0	0.00
45	1115.5	1111.0	4,200	2.70	11,340	0.00	0.00	0.00	0.0	0.00
46	1111.0	1106.5	1,800	2.70	4,860	0.00	0.00	0.00	0.0	0.00
47	1106.5	1102.0	360	2.69	970	0.00	0.00	0.00	0.0	0.00
48	1102.0	1097.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
49	1097.5	1093.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest
Reserves Calculated Inside of NPI 2% Polygon

Bch Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
50	1093.0	1088.5	0	0.00	0	0.00	0.00	0.00	0.00
51	1088.5	1084.0	0	0.00	0	0.00	0.00	0.00	0.00
52	1084.0	1079.5	0	0.00	0	0.00	0.00	0.00	0.00
53	1079.5	1075.0	0	0.00	0	0.00	0.00	0.00	0.00
54	1075.0	1070.5	0	0.00	0	0.00	0.00	0.00	0.00
55	1070.5	1066.0	0	0.00	0	0.00	0.00	0.00	0.00
56	1066.0	1061.5	0	0.00	0	0.00	0.00	0.00	0.00
57	1061.5	1057.0	0	0.00	0	0.00	0.00	0.00	0.00
58	1057.0	1052.5	0	0.00	0	0.00	0.00	0.00	0.00
59	1052.5	1048.0	0	0.00	0	0.00	0.00	0.00	0.00
60	1048.0	1043.5	0	0.00	0	0.00	0.00	0.00	0.00
61	1043.5	1039.0	0	0.00	0	0.00	0.00	0.00	0.00
62	1039.0	1034.5	0	0.00	0	0.00	0.00	0.00	0.00
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.00
Total:		6,048,120	2.29	13,829,540	0.00	0.00	0.00	0.00	0.00

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Reserves Calculated Inside of NPI 2% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
Cutoff = +3% Pb+Zn			In-Situ Reserves		NO ADJUSTMENTS					
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
7	1286.5	1282.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
8	1282.0	1277.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
9	1277.5	1273.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
10	1273.0	1268.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
11	1268.5	1264.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
12	1264.0	1259.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
13	1259.5	1255.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
14	1255.0	1250.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
15	1250.5	1246.0	1,080	3.83	4,140	17.14	8.50	8.64	136.0	0.94
16	1246.0	1241.5	1,080	3.77	4,070	16.77	8.33	8.44	130.0	0.90
17	1241.5	1237.0	3,780	3.91	14,770	18.09	8.38	9.71	138.0	1.00
18	1237.0	1232.5	3,240	3.85	12,480	18.06	8.30	9.76	137.0	0.98
19	1232.5	1228.0	2,700	3.88	10,480	18.56	8.43	10.13	139.0	0.97
20	1228.0	1223.5	2,700	3.74	10,100	16.58	7.26	9.32	120.0	0.80
21	1223.5	1219.0	2,160	3.71	8,020	16.05	6.99	9.06	115.4	0.76
22	1219.0	1214.5	1,080	3.90	4,210	18.64	8.50	10.14	141.0	0.97
23	1214.5	1210.0	1,080	3.90	4,210	18.76	8.50	10.26	139.6	0.95
24	1210.0	1205.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
25	1205.5	1201.0	1,080	3.88	4,190	18.52	8.37	10.15	136.3	0.98
26	1201.0	1196.5	1,620	3.90	6,320	18.72	8.48	10.24	142.2	0.96
27	1196.5	1192.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
28	1192.0	1187.5	1,080	3.55	3,830	12.12	5.03	7.09	88.7	0.81
29	1187.5	1183.0	4,380	3.33	14,580	9.50	3.81	5.69	66.6	0.75
30	1183.0	1178.5	5,880	3.56	20,950	11.59	4.80	6.79	80.9	0.77
31	1178.5	1174.0	8,880	3.75	33,340	12.99	5.48	7.51	92.1	0.76
32	1174.0	1169.5	13,560	3.75	50,800	12.01	5.09	6.92	84.6	0.75
33	1169.5	1165.0	18,120	3.62	65,520	9.97	4.19	5.78	67.2	0.70
34	1165.0	1160.5	19,680	3.56	70,110	9.42	3.91	5.51	62.5	0.72
35	1160.5	1156.0	19,380	3.58	69,310	9.62	4.04	5.58	66.8	0.71
36	1156.0	1151.5	22,320	3.69	82,320	10.04	4.27	5.77	71.4	0.71
37	1151.5	1147.0	28,020	3.85	107,870	10.61	4.69	5.92	76.1	0.81
38	1147.0	1142.5	30,420	3.92	119,310	11.01	4.90	6.11	78.8	0.86
39	1142.5	1138.0	24,840	3.86	95,890	10.59	4.72	5.87	77.4	0.91
40	1138.0	1133.5	16,200	3.70	60,020	9.37	4.19	5.18	67.0	0.90
41	1133.5	1129.0	7,560	3.61	27,310	8.29	3.70	4.59	57.5	0.93
42	1129.0	1124.5	3,240	3.78	12,250	8.17	3.73	4.44	58.8	1.12
43	1124.5	1120.0	2,160	3.69	7,980	4.90	1.92	2.98	36.1	1.47
44	1120.0	1115.5	360	3.92	1,410	5.19	2.05	3.14	47.3	1.49
45	1115.5	1111.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
46	1111.0	1106.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest
Reserves Calculated Inside of NPI 2% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
47	1106.5	1102.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
48	1102.0	1097.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
49	1097.5	1093.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
50	1093.0	1088.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
51	1088.5	1084.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
52	1084.0	1079.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
53	1079.5	1075.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
54	1075.0	1070.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
55	1070.5	1066.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
56	1066.0	1061.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
57	1061.5	1057.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
58	1057.0	1052.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
59	1052.5	1048.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
60	1048.0	1043.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
61	1043.5	1039.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
62	1039.0	1034.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:			247,680	3.74	925,790	10.98	4.79	6.19	78.26	0.82

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Reserves Calculated Inside of NPI 2% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
Cutoff = +4% Pb+Zn			In-Situ Reserves		NO ADJUSTMENTS					
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
7	1286.5	1282.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
8	1282.0	1277.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
9	1277.5	1273.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
10	1273.0	1268.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
11	1268.5	1264.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
12	1264.0	1259.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
13	1259.5	1255.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
14	1255.0	1250.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
15	1250.5	1246.0	1,080	3.83	4,140	17.14	8.50	8.64	136.0	0.94
16	1246.0	1241.5	1,080	3.77	4,070	16.77	8.33	8.44	130.0	0.90
17	1241.5	1237.0	3,780	3.91	14,770	18.09	8.38	9.71	138.0	1.00
18	1237.0	1232.5	3,240	3.85	12,480	18.06	8.30	9.76	137.0	0.98
19	1232.5	1228.0	2,700	3.88	10,480	18.56	8.43	10.13	139.0	0.97
20	1228.0	1223.5	2,700	3.74	10,100	16.58	7.26	9.32	120.0	0.80
21	1223.5	1219.0	2,160	3.71	8,020	16.05	6.99	9.06	115.4	0.76
22	1219.0	1214.5	1,080	3.90	4,210	18.64	8.50	10.14	140.5	0.96
23	1214.5	1210.0	1,080	3.90	4,210	18.75	8.49	10.26	140.1	0.95
24	1210.0	1205.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
25	1205.5	1201.0	1,080	3.88	4,190	18.52	8.37	10.15	135.6	0.98
26	1201.0	1196.5	1,620	3.91	6,330	18.70	8.47	10.23	141.1	0.96
27	1196.5	1192.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
28	1192.0	1187.5	1,080	3.55	3,830	12.12	5.03	7.09	85.5	0.80
29	1187.5	1183.0	4,380	3.33	14,590	9.50	3.81	5.69	64.3	0.75
30	1183.0	1178.5	5,880	3.56	20,950	11.59	4.80	6.79	82.6	0.77
31	1178.5	1174.0	8,880	3.75	33,340	12.99	5.48	7.51	91.9	0.76
32	1174.0	1169.5	13,560	3.75	50,800	12.01	5.09	6.92	83.6	0.75
33	1169.5	1165.0	18,120	3.62	65,520	9.97	4.19	5.78	67.2	0.70
34	1165.0	1160.5	19,680	3.56	70,120	9.42	3.91	5.51	62.1	0.72
35	1160.5	1156.0	19,380	3.58	69,310	9.62	4.04	5.58	66.7	0.71
36	1156.0	1151.5	22,320	3.69	82,310	10.04	4.27	5.77	70.7	0.71
37	1151.5	1147.0	28,020	3.85	107,870	10.61	4.69	5.92	76.1	0.81
38	1147.0	1142.5	30,420	3.92	119,310	11.01	4.90	6.11	78.8	0.86
39	1142.5	1138.0	24,540	3.86	94,810	10.67	4.75	5.92	77.3	0.90
40	1138.0	1133.5	16,200	3.71	60,030	9.37	4.19	5.18	68.0	0.90
41	1133.5	1129.0	7,560	3.61	27,310	8.30	3.71	4.59	59.3	0.93
42	1129.0	1124.5	3,240	3.78	12,250	8.17	3.73	4.44	58.8	1.12
43	1124.5	1120.0	2,160	3.69	7,980	4.90	1.92	2.98	36.1	1.47
44	1120.0	1115.5	360	3.92	1,410	5.19	2.05	3.14	47.3	1.49
45	1115.5	1111.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
46	1111.0	1106.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
47	1106.5	1102.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest
Reserves Calculated Inside of NPI 2% Polygon

Bch Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt	
48	1102.0	1097.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
49	1097.5	1093.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
50	1093.0	1088.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
51	1088.5	1084.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
52	1084.0	1079.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
53	1079.5	1075.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
54	1075.0	1070.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
55	1070.5	1066.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
56	1066.0	1061.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
57	1061.5	1057.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
58	1057.0	1052.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
59	1052.5	1048.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
60	1048.0	1043.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
61	1043.5	1039.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
62	1039.0	1034.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:		247,380	3.74	924,740	10.99	4.79	6.20	78.19	0.82	

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest
Reserves Calculated Inside of NPI 2% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
Cutoff = +5% Pb+Zn			In-Situ Reserves		NO ADJUSTMENTS					
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
7	1286.5	1282.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
8	1282.0	1277.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
9	1277.5	1273.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
10	1273.0	1268.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
11	1268.5	1264.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
12	1264.0	1259.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
13	1259.5	1255.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
14	1255.0	1250.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
15	1250.5	1246.0	1,080	3.83	4,140	17.14	8.50	8.64	136.0	0.94
16	1246.0	1241.5	1,080	3.77	4,070	16.77	8.33	8.44	130.0	0.90
17	1241.5	1237.0	3,780	3.91	14,770	18.09	8.38	9.71	138.0	1.00
18	1237.0	1232.5	3,240	3.85	12,480	18.06	8.30	9.76	137.0	0.98
19	1232.5	1228.0	2,700	3.88	10,480	18.56	8.43	10.13	139.0	0.97
20	1228.0	1223.5	2,700	3.74	10,100	16.58	7.26	9.32	120.0	0.80
21	1223.5	1219.0	2,160	3.71	8,020	16.05	6.99	9.06	115.4	0.76
22	1219.0	1214.5	1,080	3.90	4,220	18.64	8.50	10.14	140.5	0.96
23	1214.5	1210.0	1,080	3.90	4,210	18.75	8.49	10.26	140.1	0.95
24	1210.0	1205.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
25	1205.5	1201.0	1,080	3.88	4,200	18.52	8.37	10.15	135.6	0.98
26	1201.0	1196.5	1,620	3.91	6,330	18.70	8.47	10.23	141.1	0.96
27	1196.5	1192.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
28	1192.0	1187.5	540	4.07	2,200	17.58	7.56	10.02	124.7	0.90
29	1187.5	1183.0	1,800	3.78	6,810	14.83	6.25	8.58	104.9	0.84
30	1183.0	1178.5	3,480	3.94	13,690	15.27	6.52	8.75	106.7	0.82
31	1178.5	1174.0	7,500	3.89	29,160	14.21	6.05	8.16	101.3	0.77
32	1174.0	1169.5	13,020	3.78	49,160	12.26	5.21	7.05	85.4	0.75
33	1169.5	1165.0	17,940	3.62	64,980	10.01	4.21	5.80	66.6	0.70
34	1165.0	1160.5	19,680	3.56	70,120	9.42	3.91	5.51	62.1	0.72
35	1160.5	1156.0	19,380	3.58	69,310	9.62	4.04	5.58	66.7	0.71
36	1156.0	1151.5	22,320	3.69	82,310	10.04	4.27	5.77	70.7	0.71
37	1151.5	1147.0	28,020	3.85	107,870	10.61	4.69	5.92	76.1	0.81
38	1147.0	1142.5	30,420	3.92	119,310	11.01	4.90	6.11	78.8	0.86
39	1142.5	1138.0	23,940	3.87	92,640	10.81	4.81	6.00	78.1	0.88
40	1138.0	1133.5	16,200	3.71	60,030	9.37	4.19	5.18	67.7	0.90
41	1133.5	1129.0	7,560	3.61	27,310	8.30	3.71	4.59	58.7	0.93
42	1129.0	1124.5	3,240	3.78	12,250	8.17	3.73	4.44	59.0	1.12
43	1124.5	1120.0	1,620	3.92	6,350	5.12	2.02	3.10	38.0	1.55
44	1120.0	1115.5	360	3.92	1,410	5.15	2.05	3.10	26.2	1.49
45	1115.5	1111.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
46	1111.0	1106.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
47	1106.5	1102.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest
Reserves Calculated Inside of NPI 2% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
48	1102.0	1097.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
49	1097.5	1093.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
50	1093.0	1088.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
51	1088.5	1084.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
52	1084.0	1079.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
53	1079.5	1075.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
54	1075.0	1070.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
55	1070.5	1066.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
56	1066.0	1061.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
57	1061.5	1057.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
58	1057.0	1052.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
59	1052.5	1048.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
60	1048.0	1043.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
61	1043.5	1039.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
62	1039.0	1034.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:			238,620	3.76	897,930	11.18	4.88	6.29	79.43	0.82

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Reserves Calculated Inside of NPI 2% Polygon

Bch	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
Cutoff = +6% Pb+Zn			In-Situ Reserves		NO ADJUSTMENTS					
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
7	1286.5	1282.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
8	1282.0	1277.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
9	1277.5	1273.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
10	1273.0	1268.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
11	1268.5	1264.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
12	1264.0	1259.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
13	1259.5	1255.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
14	1255.0	1250.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
15	1250.5	1246.0	1,080	3.83	4,140	17.14	8.50	8.64	136.0	0.94
16	1246.0	1241.5	1,080	3.77	4,070	16.77	8.33	8.44	130.0	0.90
17	1241.5	1237.0	3,780	3.91	14,770	18.09	8.38	9.71	138.0	1.00
18	1237.0	1232.5	3,240	3.85	12,480	18.06	8.30	9.76	137.0	0.98
19	1232.5	1228.0	2,700	3.88	10,480	18.56	8.43	10.13	139.0	0.97
20	1228.0	1223.5	2,160	3.89	8,400	18.78	8.46	10.32	140.0	0.97
21	1223.5	1219.0	1,620	3.90	6,320	18.83	8.51	10.32	140.6	0.96
22	1219.0	1214.5	1,080	3.90	4,210	18.64	8.50	10.14	140.5	0.96
23	1214.5	1210.0	1,080	3.90	4,210	18.75	8.49	10.26	140.1	0.95
24	1210.0	1205.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
25	1205.5	1201.0	1,080	3.88	4,190	18.52	8.37	10.15	135.6	0.98
26	1201.0	1196.5	1,620	3.91	6,330	18.70	8.47	10.23	141.1	0.96
27	1196.5	1192.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
28	1192.0	1187.5	540	4.07	2,200	17.58	7.56	10.02	124.7	0.90
29	1187.5	1183.0	1,260	4.09	5,150	17.90	7.66	10.24	125.5	0.89
30	1183.0	1178.5	3,480	3.94	13,700	15.27	6.51	8.76	108.2	0.82
31	1178.5	1174.0	7,500	3.89	29,170	14.21	6.05	8.16	101.2	0.77
32	1174.0	1169.5	13,020	3.78	49,160	12.26	5.21	7.05	84.8	0.75
33	1169.5	1165.0	17,940	3.62	64,980	10.01	4.21	5.80	67.3	0.70
34	1165.0	1160.5	19,680	3.56	70,110	9.42	3.91	5.51	62.0	0.72
35	1160.5	1156.0	18,840	3.59	67,640	9.71	4.08	5.63	66.3	0.72
36	1156.0	1151.5	21,240	3.72	79,000	10.22	4.35	5.87	71.7	0.71
37	1151.5	1147.0	28,020	3.85	107,860	10.61	4.69	5.92	75.9	0.81
38	1147.0	1142.5	30,420	3.92	119,310	11.00	4.89	6.11	79.1	0.86
39	1142.5	1138.0	23,940	3.87	92,630	10.81	4.81	6.00	78.4	0.88
40	1138.0	1133.5	15,120	3.71	56,080	9.65	4.33	5.32	69.1	0.87
41	1133.5	1129.0	7,020	3.59	25,200	8.55	3.85	4.70	59.8	0.88
42	1129.0	1124.5	2,160	3.84	8,290	9.44	4.38	5.06	65.7	0.97
43	1124.5	1120.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
44	1120.0	1115.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
45	1115.5	1111.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
46	1111.0	1106.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
47	1106.5	1102.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest
Reserves Calculated Inside of NPI 2% Polygon

Bch Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
48	1102.0	1097.5	0	0.00	0	0.00	0.00	0.00	0.00
49	1097.5	1093.0	0	0.00	0	0.00	0.00	0.00	0.00
50	1093.0	1088.5	0	0.00	0	0.00	0.00	0.00	0.00
51	1088.5	1084.0	0	0.00	0	0.00	0.00	0.00	0.00
52	1084.0	1079.5	0	0.00	0	0.00	0.00	0.00	0.00
53	1079.5	1075.0	0	0.00	0	0.00	0.00	0.00	0.00
54	1075.0	1070.5	0	0.00	0	0.00	0.00	0.00	0.00
55	1070.5	1066.0	0	0.00	0	0.00	0.00	0.00	0.00
56	1066.0	1061.5	0	0.00	0	0.00	0.00	0.00	0.00
57	1061.5	1057.0	0	0.00	0	0.00	0.00	0.00	0.00
58	1057.0	1052.5	0	0.00	0	0.00	0.00	0.00	0.00
59	1052.5	1048.0	0	0.00	0	0.00	0.00	0.00	0.00
60	1048.0	1043.5	0	0.00	0	0.00	0.00	0.00	0.00
61	1043.5	1039.0	0	0.00	0	0.00	0.00	0.00	0.00
62	1039.0	1034.5	0	0.00	0	0.00	0.00	0.00	0.00
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.00
Total:		230,700	3.77	870,080	11.36	4.97	6.39	80.70	0.81

SECTION 3
GRUM MINING RESERVE OUTSIDE OF ANY
NET PROFIT INTEREST

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest
Total Outside NPI (100% CRI)

WASTE

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	47,400	2.10	99,540	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	276,240	2.10	579,840	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	278,880	2.10	585,390	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	275,280	2.10	577,840	0.00	0.00	0.00	0.0	0.00
7	1286.5	1282.0	259,800	2.10	545,350	0.00	0.00	0.00	0.0	0.00
8	1282.0	1277.5	244,260	2.10	512,730	0.00	0.00	0.00	0.0	0.00
9	1277.5	1273.0	229,260	2.10	481,240	0.00	0.00	0.00	0.0	0.00
10	1273.0	1268.5	215,340	2.18	469,980	0.00	0.00	0.00	0.0	0.00
11	1268.5	1264.0	200,100	2.26	451,580	0.00	0.00	0.00	0.0	0.00
12	1264.0	1259.5	184,740	2.30	424,410	0.00	0.00	0.00	0.0	0.00
13	1259.5	1255.0	170,340	2.36	401,350	0.00	0.00	0.00	0.0	0.00
14	1255.0	1250.5	158,340	2.41	381,460	0.00	0.00	0.00	0.0	0.00
15	1250.5	1246.0	148,020	2.49	368,010	0.00	0.00	0.00	0.0	0.00
16	1246.0	1241.5	136,020	2.56	347,670	0.00	0.00	0.00	0.0	0.00
17	1241.5	1237.0	126,360	2.60	328,810	0.00	0.00	0.00	0.0	0.00
18	1237.0	1232.5	116,340	2.65	308,020	0.00	0.00	0.00	0.0	0.00
19	1232.5	1228.0	107,580	2.68	288,090	0.00	0.00	0.00	0.0	0.00
20	1228.0	1223.5	98,220	2.70	265,170	0.00	0.00	0.00	0.0	0.00
21	1223.5	1219.0	91,020	2.70	245,830	0.00	0.00	0.00	0.0	0.00
22	1219.0	1214.5	85,020	2.70	229,580	0.00	0.00	0.00	0.0	0.00
23	1214.5	1210.0	79,020	2.70	213,350	0.00	0.00	0.00	0.0	0.00
24	1210.0	1205.5	73,500	2.70	198,450	0.00	0.00	0.00	0.0	0.00
25	1205.5	1201.0	67,740	2.70	182,890	0.00	0.00	0.00	0.0	0.00
26	1201.0	1196.5	63,180	2.70	170,590	0.00	0.00	0.00	0.0	0.00
27	1196.5	1192.0	58,980	2.70	159,250	0.00	0.00	0.00	0.0	0.00
28	1192.0	1187.5	54,900	2.70	148,230	0.00	0.00	0.00	0.0	0.00
29	1187.5	1183.0	50,340	2.70	135,920	0.00	0.00	0.00	0.0	0.00
30	1183.0	1178.5	45,900	2.70	123,930	0.00	0.00	0.00	0.0	0.00
31	1178.5	1174.0	41,940	2.70	113,250	0.00	0.00	0.00	0.0	0.00
32	1174.0	1169.5	38,220	2.70	103,200	0.00	0.00	0.00	0.0	0.00
33	1169.5	1165.0	33,480	2.70	90,390	0.00	0.00	0.00	0.0	0.00
34	1165.0	1160.5	28,080	2.70	75,810	0.00	0.00	0.00	0.0	0.00
35	1160.5	1156.0	23,220	2.70	62,690	0.00	0.00	0.00	0.0	0.00
36	1156.0	1151.5	19,140	2.70	51,750	0.00	0.00	0.00	0.0	0.00
37	1151.5	1147.0	16,500	2.71	44,790	0.00	0.00	0.00	0.0	0.00
38	1147.0	1142.5	13,500	2.71	36,620	0.00	0.00	0.00	0.0	0.00
39	1142.5	1138.0	10,980	2.72	29,900	0.00	0.00	0.00	0.0	0.00
40	1138.0	1133.5	8,640	2.73	23,570	0.00	0.00	0.00	0.0	0.00
41	1133.5	1129.0	7,260	2.73	19,850	0.00	0.00	0.00	0.0	0.00
42	1129.0	1124.5	4,320	2.70	11,660	0.00	0.00	0.00	0.0	0.00
43	1124.5	1120.0	5,520	2.70	14,900	0.00	0.00	0.00	0.0	0.00
44	1120.0	1115.5	6,060	2.70	16,360	0.00	0.00	0.00	0.0	0.00
45	1115.5	1111.0	4,380	2.70	11,830	0.00	0.00	0.00	0.0	0.00
46	1111.0	1106.5	3,300	2.70	8,900	0.00	0.00	0.00	0.0	0.00
47	1106.5	1102.0	1,980	2.70	5,350	0.00	0.00	0.00	0.0	0.00
48	1102.0	1097.5	240	2.71	650	0.00	0.00	0.00	0.0	0.00
49	1097.5	1093.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Total Outside NPI (100% CRI)

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
50	1093.0	1088.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
51	1088.5	1084.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
52	1084.0	1079.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
53	1079.5	1075.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
54	1075.0	1070.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
55	1070.5	1066.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
56	1066.0	1061.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
57	1061.5	1057.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
58	1057.0	1052.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
59	1052.5	1048.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
60	1048.0	1043.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
61	1043.5	1039.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
62	1039.0	1034.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:			4,208,880	2.36	9,945,970	0.00	0.00	0.00	0.0	0.00

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Total Outside NPI (100% CRI)

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
Cutoff = +3% Pb+Zn										
In-Situ Reserves NO ADJUSTMENTS										
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
7	1286.5	1282.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
8	1282.0	1277.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
9	1277.5	1273.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
10	1273.0	1268.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
11	1268.5	1264.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
12	1264.0	1259.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
13	1259.5	1255.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
14	1255.0	1250.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
15	1250.5	1246.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
16	1246.0	1241.5	540	3.74	2,020	16.37	8.92	7.44	131.1	0.83
17	1241.5	1237.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
18	1237.0	1232.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
19	1232.5	1228.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
20	1228.0	1223.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
21	1223.5	1219.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
22	1219.0	1214.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
23	1214.5	1210.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
24	1210.0	1205.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
25	1205.5	1201.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
26	1201.0	1196.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
27	1196.5	1192.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
28	1192.0	1187.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
29	1187.5	1183.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
30	1183.0	1178.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
31	1178.5	1174.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
32	1174.0	1169.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
33	1169.5	1165.0	540	3.02	1,630	6.02	1.12	4.90	127.4	0.31
34	1165.0	1160.5	2,160	3.02	6,530	5.05	1.33	3.72	132.7	0.66
35	1160.5	1156.0	3,780	3.02	11,420	5.22	1.63	3.59	10.6	0.63
36	1156.0	1151.5	4,320	3.02	13,050	4.91	1.35	3.56	56.1	0.67
37	1151.5	1147.0	4,320	3.02	13,050	5.70	1.81	3.89	50.8	0.69
38	1147.0	1142.5	4,860	3.09	15,030	6.42	2.11	4.31	48.0	0.64
39	1142.5	1138.0	4,860	3.11	15,120	6.21	1.91	4.29	21.3	0.63
40	1138.0	1133.5	4,860	3.08	14,990	6.29	2.08	4.21	33.3	0.64
41	1133.5	1129.0	4,320	3.15	13,600	6.70	2.08	4.62	46.0	0.66
42	1129.0	1124.5	5,400	3.32	17,940	8.30	3.03	5.27	52.6	0.66
43	1124.5	1120.0	2,160	3.31	7,160	9.52	3.15	6.37	45.2	0.58
44	1120.0	1115.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
45	1115.5	1111.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Total Outside NPI (100% CRI)

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
46	1111.0	1106.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
47	1106.5	1102.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
48	1102.0	1097.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
49	1097.5	1093.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
50	1093.0	1088.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
51	1088.5	1084.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
52	1084.0	1079.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
53	1079.5	1075.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
54	1075.0	1070.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
55	1070.5	1066.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
56	1066.0	1061.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
57	1061.5	1057.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
58	1057.0	1052.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
59	1052.5	1048.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
60	1048.0	1043.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
61	1043.5	1039.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
62	1039.0	1034.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:			42,120	3.12	131,540	6.57	2.18	4.39	47.1	0.64

CURRAGH RESOURCES INC.

Minimum Net Profit Interest
 External Outside NPI (100% CRI)

	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
Cutoff = +4% Pb+Zn										
					In-Situ Reserves	NO ADJUSTMENTS				
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
7	1286.5	1282.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
8	1282.0	1277.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
9	1277.5	1273.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
10	1273.0	1268.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
11	1268.5	1264.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
12	1264.0	1259.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
13	1259.5	1255.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
14	1255.0	1250.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
15	1250.5	1246.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
16	1246.0	1241.5	540	3.74	2,020	14.87	8.09	6.78	114.1	0.80
17	1241.5	1237.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
18	1237.0	1232.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
19	1232.5	1228.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
20	1228.0	1223.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
21	1223.5	1219.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
22	1219.0	1214.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
23	1214.5	1210.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
24	1210.0	1205.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
25	1205.5	1201.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
26	1201.0	1196.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
27	1196.5	1192.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
28	1192.0	1187.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
29	1187.5	1183.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
30	1183.0	1178.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
31	1178.5	1174.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
32	1174.0	1169.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
33	1169.5	1165.0	540	3.02	1,630	5.43	1.56	3.87	103.0	0.71
34	1165.0	1160.5	2,160	3.02	6,520	4.82	1.16	3.65	105.2	0.66
35	1160.5	1156.0	3,780	3.02	11,420	5.12	1.53	3.59	55.6	0.65
36	1156.0	1151.5	4,320	3.02	13,050	5.54	1.68	3.86	11.3	0.67
37	1151.5	1147.0	4,320	3.02	13,030	5.37	1.43	3.93	31.2	0.70
38	1147.0	1142.5	4,860	3.09	15,030	6.17	1.95	4.22	18.2	0.67
39	1142.5	1138.0	4,860	3.11	15,120	6.29	2.14	4.15	43.9	0.69
40	1138.0	1133.5	4,860	3.08	14,990	6.51	1.98	4.53	52.7	0.65
41	1133.5	1129.0	4,320	3.15	13,600	6.60	2.14	4.47	36.3	0.65
42	1129.0	1124.5	5,400	3.32	17,940	8.23	2.89	5.34	33.9	0.67
43	1124.5	1120.0	2,160	3.32	7,170	9.28	3.55	5.73	30.3	0.63
44	1120.0	1115.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
45	1115.5	1111.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
46	1111.0	1106.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
47	1106.5	1102.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Total Outside NPI (100% CRI)

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
Cutoff = +5% Pb+Zn			In-Situ Reserves		NO ADJUSTMENTS					
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
7	1286.5	1282.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
8	1282.0	1277.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
9	1277.5	1273.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
10	1273.0	1268.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
11	1268.5	1264.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
12	1264.0	1259.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
13	1259.5	1255.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
14	1255.0	1250.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
15	1250.5	1246.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
16	1246.0	1241.5	540	3.72	2,010	16.28	8.90	7.38	71.1	0.89
17	1241.5	1237.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
18	1237.0	1232.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
19	1232.5	1228.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
20	1228.0	1223.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
21	1223.5	1219.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
22	1219.0	1214.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
23	1214.5	1210.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
24	1210.0	1205.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
25	1205.5	1201.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
26	1201.0	1196.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
27	1196.5	1192.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
28	1192.0	1187.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
29	1187.5	1183.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
30	1183.0	1178.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
31	1178.5	1174.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
32	1174.0	1169.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
33	1169.5	1165.0	540	3.02	1,630	3.98	0.26	3.72	169.0	0.69
34	1165.0	1160.5	2,160	3.02	6,520	5.31	1.28	4.03	29.7	0.64
35	1160.5	1156.0	3,780	3.02	11,410	5.20	1.48	3.72	43.3	0.65
36	1156.0	1151.5	3,240	3.02	9,800	5.07	1.47	3.59	11.1	0.66
37	1151.5	1147.0	3,240	3.02	9,790	5.31	1.67	3.64	26.1	0.74
38	1147.0	1142.5	3,780	3.12	11,780	7.05	2.33	4.72	67.1	0.68
39	1142.5	1138.0	3,780	3.13	11,850	6.77	2.14	4.63	30.0	0.64
40	1138.0	1133.5	4,860	3.08	14,980	6.35	2.00	4.35	37.2	0.66
41	1133.5	1129.0	4,320	3.15	13,600	6.67	2.17	4.49	45.5	0.68
42	1129.0	1124.5	5,400	3.32	17,940	8.21	2.91	5.30	43.4	0.67
43	1124.5	1120.0	2,160	3.31	7,160	9.74	3.58	6.16	69.6	0.68
44	1120.0	1115.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
45	1115.5	1111.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
46	1111.0	1106.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
47	1106.5	1102.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest
 Total Outside NPI (100% CRI)

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
48	1102.0	1097.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
49	1097.5	1093.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
50	1093.0	1088.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
51	1088.5	1084.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
52	1084.0	1079.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
53	1079.5	1075.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
54	1075.0	1070.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
55	1070.5	1066.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
56	1066.0	1061.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
57	1061.5	1057.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
58	1057.0	1052.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
59	1052.5	1048.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
60	1048.0	1043.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
61	1043.5	1039.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
62	1039.0	1034.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
63	1034.5	1030.0		0.00		0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5		0.00		0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0		0.00		0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5		0.00		0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0		0.00		0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5		0.00		0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0		0.00		0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5		0.00		0.00	0.00	0.00	0.0	0.00
Total:			37,800	3.13	118,470	6.86	2.25	4.60	33.4	0.67

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Total Outside NPI (100% CRI)

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
Cutoff = +6% Pb+Zn			In-Situ Reserves		NO ADJUSTMENTS					
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
7	1286.5	1282.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
8	1282.0	1277.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
9	1277.5	1273.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
10	1273.0	1268.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
11	1268.5	1264.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
12	1264.0	1259.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
13	1259.5	1255.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
14	1255.0	1250.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
15	1250.5	1246.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
16	1246.0	1241.5	540	3.72	2,010	15.80	8.70	7.10	113.3	0.95
17	1241.5	1237.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
18	1237.0	1232.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
19	1232.5	1228.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
20	1228.0	1223.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
21	1223.5	1219.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
22	1219.0	1214.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
23	1214.5	1210.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
24	1210.0	1205.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
25	1205.5	1201.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
26	1201.0	1196.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
27	1196.5	1192.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
28	1192.0	1187.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
29	1187.5	1183.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
30	1183.0	1178.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
31	1178.5	1174.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
32	1174.0	1169.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
33	1169.5	1165.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
34	1165.0	1160.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
35	1160.5	1156.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
36	1156.0	1151.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
37	1151.5	1147.0	1,080	3.04	3,280	6.47	1.61	4.86	-0.9	0.62
38	1147.0	1142.5	1,080	3.35	3,620	10.83	4.51	6.33	40.9	0.65
39	1142.5	1138.0	540	3.83	2,070	10.81	3.99	6.82	234.9	0.52
40	1138.0	1133.5	540	3.56	1,920	12.29	4.04	8.26	89.1	0.57
41	1133.5	1129.0	540	4.02	2,170	13.00	5.00	8.00	-51.4	0.74
42	1129.0	1124.5	2,160	3.77	8,150	11.62	4.47	7.15	35.8	0.67
43	1124.5	1120.0	1,080	3.62	3,910	12.58	4.54	8.04	12.3	0.67
44	1120.0	1115.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
45	1115.5	1111.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
46	1111.0	1106.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
47	1106.5	1102.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest
Total Outside NPI (100% CRI)

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
48	1102.0	1097.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
49	1097.5	1093.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
50	1093.0	1088.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
51	1088.5	1084.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
52	1084.0	1079.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
53	1079.5	1075.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
54	1075.0	1070.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
55	1070.5	1066.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
56	1066.0	1061.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
57	1061.5	1057.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
58	1057.0	1052.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
59	1052.5	1048.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
60	1048.0	1043.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
61	1043.5	1039.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
62	1039.0	1034.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
63	1034.5	1030.0		0.00		0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5		0.00		0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0		0.00		0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5		0.00		0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0		0.00		0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5		0.00		0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0		0.00		0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5		0.00		0.00	0.00	0.00	0.0	0.00
Total:			7,560	3.59	27,130	11.41	4.71	6.70	26.5	0.71

TOTAL

SECTION 4

TOTAL GRUM MINING RESERVE

CURRAGH RESOURCES INC.

Grum Net Profit Interest

Total Mining Reserve

WASTE											
Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt	
1	1336.0	1324.0	7,200	2.10	15,110	0.00	0.00	0.00	0.0	0.00	
2	1324.0	1312.0	858,120	2.55	2,184,590	0.00	0.00	0.00	0.0	0.00	
3	1312.0	1300.0	2,619,600	2.58	6,760,000	0.00	0.00	0.00	0.0	0.00	
4	1300.0	1295.5	1,826,520	2.43	4,444,920	0.00	0.00	0.00	0.0	0.00	
5	1295.5	1291.0	1,961,040	2.45	4,794,760	0.00	0.00	0.00	0.0	0.00	
6	1291.0	1286.5	2,107,740	2.46	5,182,440	0.00	0.00	0.00	0.0	0.00	
7	1286.5	1282.0	2,246,580	2.47	5,540,550	0.00	0.00	0.00	0.0	0.00	
8	1282.0	1277.5	2,357,100	2.46	5,796,140	0.00	0.00	0.00	0.0	0.00	
9	1277.5	1273.0	2,533,920	2.44	6,176,080	0.00	0.00	0.00	0.0	0.00	
10	1273.0	1268.5	2,605,920	2.44	6,357,880	0.00	0.00	0.00	0.0	0.00	
11	1268.5	1264.0	2,578,320	2.46	6,347,970	0.00	0.00	0.00	0.0	0.00	
12	1264.0	1259.5	2,510,400	2.48	6,221,490	0.00	0.00	0.00	0.0	0.00	
13	1259.5	1255.0	2,410,980	2.50	6,028,840	0.00	0.00	0.00	0.0	0.00	
14	1255.0	1250.5	2,315,460	2.52	5,832,380	0.00	0.00	0.00	0.0	0.00	
15	1250.5	1246.0	2,211,600	2.54	5,625,450	0.00	0.00	0.00	0.0	0.00	
16	1246.0	1241.5	2,112,960	2.57	5,422,700	0.00	0.00	0.00	0.0	0.00	
17	1241.5	1237.0	2,008,140	2.59	5,200,510	0.00	0.00	0.00	0.0	0.00	
18	1237.0	1232.5	1,926,240	2.61	5,025,700	0.00	0.00	0.00	0.0	0.00	
19	1232.5	1228.0	1,826,340	2.63	4,799,120	0.00	0.00	0.00	0.0	0.00	
20	1228.0	1223.5	1,722,540	2.65	4,555,390	0.00	0.00	0.00	0.0	0.00	
21	1223.5	1219.0	1,647,840	2.66	4,382,550	0.00	0.00	0.00	0.0	0.00	
22	1219.0	1214.5	1,583,220	2.68	4,238,570	0.01	0.00	0.00	0.0	0.00	
23	1214.5	1210.0	1,528,740	2.68	4,101,370	0.01	0.00	0.01	0.0	0.00	
24	1210.0	1205.5	1,462,620	2.69	3,931,550	0.01	0.00	0.01	0.0	0.00	
25	1205.5	1201.0	1,399,440	2.69	3,769,190	0.01	0.00	0.01	0.0	0.00	
26	1201.0	1196.5	1,335,000	2.70	3,604,490	0.01	0.00	0.01	0.0	0.00	
27	1196.5	1192.0	1,284,060	2.70	3,469,540	0.01	0.00	0.01	0.0	0.00	
28	1192.0	1187.5	1,236,240	2.70	3,340,410	0.01	0.00	0.01	0.0	0.00	
29	1187.5	1183.0	1,183,560	2.70	3,198,590	0.02	0.01	0.01	0.0	0.01	
30	1183.0	1178.5	1,122,600	2.70	3,035,700	0.03	0.01	0.02	0.0	0.01	
31	1178.5	1174.0	1,062,660	2.70	2,872,690	0.02	0.01	0.01	0.0	0.01	
32	1174.0	1169.5	1,016,940	2.70	2,747,920	0.01	0.00	0.01	0.0	0.00	
33	1169.5	1165.0	956,160	2.70	2,583,460	0.02	0.01	0.01	0.0	0.00	
34	1165.0	1160.5	892,980	2.70	2,413,070	0.01	0.00	0.01	0.0	0.00	
35	1160.5	1156.0	831,840	2.70	2,247,400	0.01	0.00	0.01	0.0	0.00	
36	1156.0	1151.5	789,480	2.70	2,133,020	0.01	0.00	0.00	0.0	0.00	
37	1151.5	1147.0	744,720	2.70	2,012,910	0.01	0.00	0.00	0.0	0.00	
38	1147.0	1142.5	696,600	2.71	1,884,010	0.02	0.01	0.01	0.0	0.00	
39	1142.5	1138.0	647,580	2.71	1,752,480	0.02	0.01	0.02	0.0	0.01	
40	1138.0	1133.5	609,660	2.71	1,651,560	0.05	0.01	0.03	0.0	0.01	
41	1133.5	1129.0	574,560	2.71	1,557,530	0.06	0.02	0.04	0.0	0.01	
42	1129.0	1124.5	515,280	2.71	1,395,780	0.05	0.02	0.03	0.0	0.01	
43	1124.5	1120.0	470,820	2.71	1,275,430	0.06	0.02	0.04	0.0	0.02	
44	1120.0	1115.5	441,780	2.71	1,195,360	0.04	0.02	0.03	0.0	0.01	
45	1115.5	1111.0	412,200	2.71	1,114,960	0.04	0.02	0.03	0.0	0.01	
46	1111.0	1106.5	374,160	2.71	1,011,950	0.05	0.02	0.03	0.0	0.01	
47	1106.5	1102.0	349,260	2.71	945,570	0.04	0.02	0.02	0.0	0.01	
48	1102.0	1097.5	328,380	2.71	889,440	0.07	0.03	0.04	1.0	0.02	
49	1097.5	1093.0	295,980	2.71	802,490	0.11	0.05	0.05	1.0	0.03	

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Total Mining Reserve

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
50	1093.0	1088.5	254,520	2.71	688,970	0.11	0.05	0.06	1.0	0.03
51	1088.5	1084.0	217,560	2.71	588,580	0.06	0.03	0.03	0.0	0.02
52	1084.0	1079.5	195,180	2.71	529,600	0.09	0.04	0.05	1.0	0.03
53	1079.5	1075.0	177,240	2.72	482,620	0.12	0.05	0.07	1.0	0.05
54	1075.0	1070.5	167,160	2.72	455,250	0.13	0.04	0.09	1.0	0.05
55	1070.5	1066.0	126,420	2.74	345,870	0.21	0.06	0.15	2.0	0.07
56	1066.0	1061.5	100,920	2.73	275,690	0.18	0.05	0.14	1.0	0.06
57	1061.5	1057.0	63,420	2.73	173,030	0.17	0.05	0.12	1.0	0.06
58	1057.0	1052.5	37,980	2.72	103,160	0.10	0.03	0.07	1.0	0.03
59	1052.5	1048.0	25,320	2.71	68,540	0.04	0.01	0.03	0.0	0.01
60	1048.0	1043.5	15,840	2.71	42,930	0.00	0.00	0.00	0.0	0.00
61	1043.5	1039.0	15,360	2.70	41,470	0.00	0.00	0.00	0.0	0.00
62	1039.0	1034.5	2,280	2.70	6,160	0.00	0.00	0.00	0.0	0.00
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:			67,940,280	2.59	175,672,880	0.01	0.00	0.01	0.0	0.00

CURRAGH RESOURCES INC.

Drum Net Profit Interest
Total Mining Reserve

Block #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
Cutoff = +3% Pb+Zn										
In-Situ Reserves NO ADJUSTMENTS										
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	540	2.90	1,560	5.88	2.25	3.64	35.0	0.49
7	1286.5	1282.0	1,620	2.90	4,690	5.88	2.23	3.65	35.0	0.49
8	1282.0	1277.5	3,240	2.99	9,680	7.21	2.70	4.51	45.0	0.56
9	1277.5	1273.0	9,180	3.00	27,510	7.13	2.71	4.42	45.0	0.57
10	1273.0	1268.5	14,040	2.95	41,410	6.14	2.19	3.95	37.0	0.73
11	1268.5	1264.0	17,280	2.94	50,760	5.88	2.02	3.87	35.0	0.81
12	1264.0	1259.5	22,680	2.96	67,170	5.58	1.90	3.68	33.0	0.82
13	1259.5	1255.0	32,940	2.97	97,820	5.86	2.01	3.84	35.0	0.80
14	1255.0	1250.5	46,980	2.95	138,480	6.45	2.20	4.24	39.0	0.76
15	1250.5	1246.0	68,040	2.99	203,480	7.03	2.48	4.55	43.0	0.76
16	1246.0	1241.5	90,180	3.02	272,160	6.98	2.50	4.48	43.0	0.75
17	1241.5	1237.0	115,560	3.06	353,190	7.45	2.72	4.73	46.0	0.74
18	1237.0	1232.5	123,120	3.06	376,290	7.47	2.68	4.78	45.0	0.70
19	1232.5	1228.0	142,020	3.09	438,810	7.54	2.68	4.86	45.0	0.66
20	1228.0	1223.5	169,020	3.13	528,710	7.63	2.72	4.91	45.0	0.66
21	1223.5	1219.0	178,080	3.15	560,460	7.73	2.79	4.94	46.0	0.68
22	1219.0	1214.5	170,760	3.13	534,090	7.48	2.66	4.83	45.0	0.67
23	1214.5	1210.0	166,200	3.10	515,580	7.29	2.56	4.72	43.0	0.66
24	1210.0	1205.5	165,060	3.10	511,230	7.30	2.59	4.71	43.0	0.69
25	1205.5	1201.0	168,840	3.12	526,990	7.73	2.78	4.95	46.0	0.70
26	1201.0	1196.5	169,260	3.18	537,500	8.40	3.07	5.34	50.0	0.76
27	1196.5	1192.0	163,320	3.24	529,730	8.77	3.23	5.53	53.0	0.79
28	1192.0	1187.5	155,040	3.26	505,250	8.55	3.16	5.38	52.0	0.77
29	1187.5	1183.0	154,680	3.20	495,050	8.00	2.97	5.03	50.0	0.73
30	1183.0	1178.5	163,680	3.19	522,700	8.12	3.03	5.09	51.0	0.75
31	1178.5	1174.0	172,980	3.22	557,110	8.27	3.11	5.16	52.0	0.77
32	1174.0	1169.5	168,240	3.27	549,510	8.68	3.29	5.39	55.0	0.81
33	1169.5	1165.0	173,700	3.31	575,420	9.05	3.46	5.59	57.0	0.82
34	1165.0	1160.5	190,440	3.31	631,200	9.00	3.44	5.55	57.0	0.86
35	1160.5	1156.0	195,420	3.32	648,580	9.20	3.48	5.72	58.0	0.95
36	1156.0	1151.5	192,360	3.35	643,780	9.67	3.59	6.08	61.0	0.99
37	1151.5	1147.0	195,360	3.40	663,190	9.94	3.74	6.20	63.0	1.00
38	1147.0	1142.5	202,440	3.40	688,930	9.63	3.68	5.95	62.0	0.99
39	1142.5	1138.0	203,700	3.38	688,960	9.16	3.48	5.68	59.0	0.99
40	1138.0	1133.5	196,860	3.39	666,380	9.14	3.48	5.66	58.0	0.99
41	1133.5	1129.0	193,920	3.37	653,850	9.11	3.46	5.65	58.0	0.97
42	1129.0	1124.5	209,700	3.33	698,060	8.69	3.29	5.40	55.0	0.97
43	1124.5	1120.0	219,360	3.32	727,620	8.64	3.25	5.38	54.0	0.95
44	1120.0	1115.5	211,560	3.29	695,550	8.64	3.23	5.41	54.0	0.96
45	1115.5	1111.0	201,060	3.31	665,910	9.03	3.36	5.67	57.0	0.99
46	1111.0	1106.5	194,640	3.38	658,410	9.64	3.59	6.05	61.0	1.04

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Total Mining Reserve

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
47	1106.5	1102.0	183,900	3.42	629,050	10.32	3.81	6.51	65.0	1.11
48	1102.0	1097.5	168,000	3.43	575,390	10.31	3.81	6.50	66.0	1.12
49	1097.5	1093.0	161,640	3.41	551,450	9.64	3.66	5.98	63.0	1.07
50	1093.0	1088.5	152,520	3.42	521,360	9.35	3.62	5.73	62.0	1.04
51	1088.5	1084.0	142,320	3.40	484,090	9.17	3.56	5.60	61.0	1.04
52	1084.0	1079.5	136,680	3.43	468,740	8.91	3.46	5.45	59.0	1.06
53	1079.5	1075.0	125,220	3.50	437,970	8.69	3.39	5.30	58.0	1.08
54	1075.0	1070.5	98,460	3.56	350,430	8.77	3.38	5.39	58.0	1.09
55	1070.5	1066.0	70,320	3.56	250,350	8.71	3.22	5.49	57.0	1.06
56	1066.0	1061.5	59,520	3.61	214,730	8.33	3.06	5.28	54.0	1.04
57	1061.5	1057.0	57,300	3.68	210,980	8.65	3.16	5.49	58.0	1.07
58	1057.0	1052.5	60,720	3.74	227,320	9.48	3.49	5.99	64.0	1.19
59	1052.5	1048.0	58,620	3.86	226,220	9.96	3.73	6.23	67.0	1.32
60	1048.0	1043.5	51,360	4.02	206,380	11.06	4.12	6.94	75.0	1.37
61	1043.5	1039.0	34,680	3.87	134,250	10.10	3.80	6.30	65.0	1.32
62	1039.0	1034.5	12,120	3.87	46,910	11.29	4.28	7.00	68.0	1.21
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:			7,206,480	3.30	23,798,380	8.72	3.25	5.47	55.0	0.91

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Total Mining Reserve

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
Cutoff = +4% Pb+Zn				In-Situ Reserves		NO ADJUSTMENTS				
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	540	2.90	1,560	5.88	2.25	3.64	35.0	0.49
7	1286.5	1282.0	1,620	2.90	4,690	5.88	2.23	3.65	35.0	0.49
8	1282.0	1277.5	3,240	2.99	9,680	7.21	2.70	4.51	45.0	0.56
9	1277.5	1273.0	9,180	3.00	27,510	7.13	2.71	4.42	45.0	0.57
10	1273.0	1268.5	14,040	2.95	41,410	6.14	2.19	3.95	37.0	0.73
11	1268.5	1264.0	17,280	2.94	50,760	5.88	2.02	3.87	35.0	0.81
12	1264.0	1259.5	22,680	2.96	67,170	5.58	1.90	3.68	33.0	0.82
13	1259.5	1255.0	31,320	2.96	92,840	5.97	2.05	3.92	36.0	0.80
14	1255.0	1250.5	44,820	2.94	131,850	6.58	2.25	4.34	39.0	0.75
15	1250.5	1246.0	64,260	2.98	191,640	7.25	2.56	4.69	44.0	0.76
16	1246.0	1241.5	83,700	3.01	251,860	7.26	2.60	4.66	44.0	0.75
17	1241.5	1237.0	104,760	3.05	319,830	7.86	2.88	4.98	48.0	0.74
18	1237.0	1232.5	111,780	3.06	342,270	7.85	2.82	5.03	47.0	0.71
19	1232.5	1228.0	124,200	3.11	385,610	8.09	2.88	5.21	48.0	0.68
20	1228.0	1223.5	153,360	3.14	481,460	8.03	2.86	5.17	47.0	0.67
21	1223.5	1219.0	164,040	3.15	517,380	8.08	2.91	5.17	48.0	0.69
22	1219.0	1214.5	151,560	3.13	474,240	7.99	2.82	5.16	47.0	0.68
23	1214.5	1210.0	147,660	3.11	458,640	7.75	2.71	5.04	46.0	0.68
24	1210.0	1205.5	153,720	3.10	475,720	7.59	2.68	4.91	44.0	0.70
25	1205.5	1201.0	163,380	3.12	509,930	7.87	2.82	5.05	46.0	0.71
26	1201.0	1196.5	164,280	3.18	521,910	8.54	3.11	5.43	51.0	0.77
27	1196.5	1192.0	158,460	3.25	514,370	8.92	3.28	5.64	54.0	0.80
28	1192.0	1187.5	146,400	3.27	478,950	8.82	3.26	5.55	54.0	0.79
29	1187.5	1183.0	149,820	3.21	480,230	8.14	3.03	5.11	51.0	0.73
30	1183.0	1178.5	159,360	3.19	508,950	8.24	3.08	5.17	51.0	0.75
31	1178.5	1174.0	163,800	3.23	529,390	8.51	3.21	5.31	53.0	0.78
32	1174.0	1169.5	161,760	3.28	530,300	8.86	3.36	5.50	56.0	0.82
33	1169.5	1165.0	164,880	3.33	549,300	9.31	3.56	5.75	59.0	0.83
34	1165.0	1160.5	182,220	3.33	606,930	9.22	3.53	5.69	58.0	0.87
35	1160.5	1156.0	185,160	3.34	617,670	9.48	3.59	5.89	60.0	0.96
36	1156.0	1151.5	184,260	3.36	619,750	9.90	3.67	6.23	62.0	1.01
37	1151.5	1147.0	185,640	3.42	634,640	10.22	3.85	6.37	65.0	1.02
38	1147.0	1142.5	188,460	3.43	647,200	10.02	3.83	6.19	64.0	1.02
39	1142.5	1138.0	182,700	3.42	624,980	9.74	3.70	6.04	62.0	1.03
40	1138.0	1133.5	167,700	3.44	576,650	10.04	3.80	6.23	64.0	1.06
41	1133.5	1129.0	158,640	3.44	545,530	10.23	3.87	6.36	64.0	1.05
42	1129.0	1124.5	173,820	3.40	590,290	9.63	3.62	6.01	60.0	1.03
43	1124.5	1120.0	194,340	3.36	653,740	9.21	3.45	5.76	58.0	0.98
44	1120.0	1115.5	187,980	3.34	627,040	9.19	3.42	5.77	58.0	0.99
45	1115.5	1111.0	175,140	3.37	590,270	9.72	3.59	6.13	61.0	1.02
46	1111.0	1106.5	168,180	3.45	580,310	10.45	3.86	6.59	66.0	1.08
47	1106.5	1102.0	156,900	3.50	548,970	11.31	4.14	7.17	71.0	1.15

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Total Mining Reserve

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
48	1102.0	1097.5	150,720	3.48	523,710	10.99	4.04	6.96	70.0	1.14
49	1097.5	1093.0	143,220	3.47	496,600	10.31	3.89	6.42	67.0	1.09
50	1093.0	1088.5	138,660	3.46	479,980	9.85	3.79	6.06	66.0	1.06
51	1088.5	1084.0	132,600	3.44	455,420	9.52	3.69	5.84	63.0	1.07
52	1084.0	1079.5	123,180	3.48	429,170	9.40	3.64	5.76	62.0	1.09
53	1079.5	1075.0	108,420	3.58	388,370	9.34	3.64	5.71	62.0	1.13
54	1075.0	1070.5	85,680	3.64	311,700	9.41	3.62	5.79	62.0	1.13
55	1070.5	1066.0	64,500	3.60	232,450	9.11	3.36	5.75	59.0	1.08
56	1066.0	1061.5	54,120	3.66	197,940	8.75	3.21	5.54	57.0	1.05
57	1061.5	1057.0	52,500	3.73	195,770	9.04	3.30	5.75	60.0	1.08
58	1057.0	1052.5	57,120	3.78	215,750	9.78	3.59	6.19	66.0	1.20
59	1052.5	1048.0	56,760	3.88	220,200	10.13	3.79	6.34	68.0	1.32
60	1048.0	1043.5	48,720	4.06	197,930	11.37	4.23	7.14	77.0	1.38
61	1043.5	1039.0	33,240	3.90	129,650	10.32	3.88	6.44	66.0	1.33
62	1039.0	1034.5	12,000	3.88	46,520	11.35	4.31	7.04	68.0	1.21
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:			6,588,480	3.33	21,934,580	9.16	3.41	5.75	57.5	0.93

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Total Mining Reserve

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
Cutoff = +5% Pb+Zn			In-Situ Reserves			NO ADJUSTMENTS				
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	540	2.90	1,560	5.88	2.25	3.64	35.0	0.49
7	1286.5	1282.0	1,620	2.90	4,690	5.88	2.23	3.65	35.0	0.49
8	1282.0	1277.5	3,240	2.99	9,680	7.21	2.70	4.51	45.0	0.56
9	1277.5	1273.0	9,180	3.00	27,510	7.13	2.71	4.42	45.0	0.57
10	1273.0	1268.5	12,960	2.94	38,110	6.32	2.27	4.05	38.0	0.70
11	1268.5	1264.0	15,120	2.93	44,230	6.12	2.11	4.01	36.0	0.78
12	1264.0	1259.5	15,660	2.94	45,970	6.18	2.11	4.07	36.0	0.80
13	1259.5	1255.0	23,760	2.95	70,060	6.46	2.21	4.24	38.0	0.79
14	1255.0	1250.5	36,180	2.94	106,280	7.05	2.42	4.63	42.0	0.73
15	1250.5	1246.0	49,680	3.00	148,840	8.02	2.88	5.14	49.0	0.77
16	1246.0	1241.5	63,720	3.03	193,120	8.09	2.95	5.14	49.0	0.77
17	1241.5	1237.0	78,300	3.09	241,650	8.94	3.33	5.61	54.0	0.79
18	1237.0	1232.5	83,700	3.09	258,940	8.94	3.26	5.68	53.0	0.76
19	1232.5	1228.0	102,060	3.13	319,790	8.84	3.17	5.67	52.0	0.73
20	1228.0	1223.5	131,760	3.16	416,780	8.59	3.08	5.51	50.0	0.71
21	1223.5	1219.0	135,420	3.19	431,400	8.81	3.20	5.61	52.0	0.73
22	1219.0	1214.5	125,640	3.15	395,780	8.70	3.09	5.60	51.0	0.73
23	1214.5	1210.0	120,120	3.12	375,090	8.48	2.98	5.50	49.0	0.73
24	1210.0	1205.5	133,740	3.11	415,270	8.04	2.85	5.19	47.0	0.72
25	1205.5	1201.0	145,560	3.13	454,960	8.28	2.97	5.30	48.0	0.72
26	1201.0	1196.5	148,620	3.19	473,590	8.94	3.27	5.68	53.0	0.78
27	1196.5	1192.0	139,260	3.28	457,060	9.47	3.51	5.96	57.0	0.84
28	1192.0	1187.5	124,800	3.32	414,530	9.47	3.53	5.94	58.0	0.83
29	1187.5	1183.0	125,580	3.24	406,220	8.77	3.28	5.49	55.0	0.76
30	1183.0	1178.5	139,680	3.21	448,060	8.74	3.26	5.48	54.0	0.75
31	1178.5	1174.0	146,760	3.25	476,160	8.96	3.37	5.59	56.0	0.79
32	1174.0	1169.5	144,780	3.31	478,790	9.35	3.55	5.79	59.0	0.84
33	1169.5	1165.0	143,100	3.37	482,570	9.98	3.83	6.16	63.0	0.86
34	1165.0	1160.5	155,220	3.38	523,910	9.97	3.81	6.17	62.0	0.89
35	1160.5	1156.0	166,620	3.37	561,450	9.99	3.77	6.21	63.0	0.99
36	1156.0	1151.5	165,900	3.40	564,350	10.44	3.87	6.57	65.0	1.03
37	1151.5	1147.0	167,820	3.46	580,920	10.74	4.04	6.70	68.0	1.05
38	1147.0	1142.5	166,320	3.49	580,420	10.65	4.07	6.59	68.0	1.05
39	1142.5	1138.0	152,940	3.49	533,890	10.64	4.04	6.61	67.0	1.07
40	1138.0	1133.5	138,540	3.52	487,840	11.05	4.18	6.86	70.0	1.11
41	1133.5	1129.0	133,260	3.51	468,310	11.17	4.21	6.96	70.0	1.09
42	1129.0	1124.5	145,200	3.47	504,370	10.50	3.94	6.57	65.0	1.07
43	1124.5	1120.0	155,460	3.45	536,710	10.24	3.82	6.43	64.0	1.04
44	1120.0	1115.5	152,880	3.40	520,470	10.16	3.75	6.41	63.0	1.03
45	1115.5	1111.0	143,100	3.43	490,920	10.79	3.95	6.84	67.0	1.06
46	1111.0	1106.5	143,880	3.52	506,880	11.33	4.16	7.17	71.0	1.12

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest
Total Mining Reserve

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
47	1106.5	1102.0	137,160	3.58	490,640	12.12	4.42	7.70	75.0	1.20
48	1102.0	1097.5	132,240	3.54	468,190	11.77	4.31	7.46	74.0	1.19
49	1097.5	1093.0	128,640	3.51	451,210	10.90	4.09	6.80	71.0	1.10
50	1093.0	1088.5	123,540	3.51	433,210	10.43	3.99	6.43	69.0	1.08
51	1088.5	1084.0	112,620	3.51	394,760	10.31	3.98	6.33	68.0	1.11
52	1084.0	1079.5	108,660	3.55	385,950	9.95	3.85	6.11	66.0	1.12
53	1079.5	1075.0	96,240	3.66	351,980	9.85	3.82	6.02	66.0	1.17
54	1075.0	1070.5	77,040	3.71	285,570	9.87	3.79	6.09	65.0	1.16
55	1070.5	1066.0	57,480	3.67	210,910	9.59	3.52	6.06	62.0	1.10
56	1066.0	1061.5	48,180	3.72	179,050	9.20	3.38	5.83	59.0	1.04
57	1061.5	1057.0	45,480	3.79	172,320	9.66	3.50	6.16	63.0	1.08
58	1057.0	1052.5	52,860	3.82	201,890	10.15	3.72	6.43	68.0	1.21
59	1052.5	1048.0	52,980	3.91	207,290	10.48	3.90	6.58	70.0	1.33
60	1048.0	1043.5	47,640	4.07	193,780	11.52	4.28	7.24	78.0	1.38
61	1043.5	1039.0	30,240	3.97	120,040	10.80	4.05	6.75	68.0	1.35
62	1039.0	1034.5	10,200	3.99	40,710	12.34	4.66	7.68	72.0	1.21
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:			5,648,880	3.38	19,084,630	9.86	3.67	6.19	61.6	0.96

CURRAGH RESOURCES INC.

Grum Net Profit Interest
Total Mining Reserve

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
Cutoff = +6% Pb+Zn			In-Situ Reserves		NO ADJUSTMENTS					
1	1336.0	1324.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
2	1324.0	1312.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
3	1312.0	1300.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
4	1300.0	1295.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
5	1295.5	1291.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
6	1291.0	1286.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
7	1286.5	1282.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
8	1282.0	1277.5	540	3.45	1,860	12.86	4.77	8.09	88.0	0.81
9	1277.5	1273.0	2,160	3.28	7,090	10.94	4.12	6.83	73.0	0.72
10	1273.0	1268.5	1,620	3.06	4,960	9.62	3.07	6.56	62.0	0.82
11	1268.5	1264.0	2,160	2.91	6,290	8.19	2.39	5.80	50.0	0.82
12	1264.0	1259.5	5,400	2.92	15,750	7.17	2.32	4.85	43.0	0.84
13	1259.5	1255.0	10,800	2.94	31,790	7.59	2.53	5.06	45.0	0.76
14	1255.0	1250.5	24,300	2.94	71,450	7.82	2.67	5.16	47.0	0.72
15	1250.5	1246.0	43,200	3.00	129,470	8.40	3.02	5.38	52.0	0.75
16	1246.0	1241.5	49,140	3.03	148,890	8.81	3.26	5.55	54.0	0.75
17	1241.5	1237.0	70,740	3.10	219,180	9.28	3.48	5.80	57.0	0.79
18	1237.0	1232.5	77,220	3.10	239,530	9.21	3.37	5.84	55.0	0.77
19	1232.5	1228.0	95,580	3.14	299,670	9.06	3.26	5.80	53.0	0.74
20	1228.0	1223.5	118,260	3.17	375,140	8.93	3.23	5.70	52.0	0.73
21	1223.5	1219.0	121,380	3.21	389,030	9.17	3.35	5.82	54.0	0.75
22	1219.0	1214.5	108,360	3.18	344,270	9.17	3.27	5.90	54.0	0.75
23	1214.5	1210.0	108,240	3.14	339,360	8.79	3.09	5.70	51.0	0.74
24	1210.0	1205.5	115,800	3.12	361,010	8.42	2.97	5.44	49.0	0.75
25	1205.5	1201.0	117,660	3.16	371,560	8.90	3.21	5.69	52.0	0.76
26	1201.0	1196.5	117,900	3.24	382,120	9.76	3.59	6.17	58.0	0.84
27	1196.5	1192.0	114,000	3.34	380,950	10.26	3.83	6.43	62.0	0.89
28	1192.0	1187.5	111,240	3.35	373,090	9.91	3.71	6.20	61.0	0.85
29	1187.5	1183.0	107,760	3.27	352,640	9.26	3.49	5.77	58.0	0.79
30	1183.0	1178.5	124,020	3.24	401,150	9.11	3.42	5.68	57.0	0.78
31	1178.5	1174.0	131,640	3.26	429,660	9.32	3.52	5.80	58.0	0.79
32	1174.0	1169.5	128,220	3.34	428,700	9.78	3.74	6.05	62.0	0.86
33	1169.5	1165.0	126,900	3.41	433,170	10.49	4.03	6.46	66.0	0.88
34	1165.0	1160.5	129,300	3.44	444,100	10.76	4.14	6.63	67.0	0.92
35	1160.5	1156.0	135,060	3.43	463,600	10.91	4.12	6.79	68.0	1.04
36	1156.0	1151.5	136,740	3.47	474,670	11.37	4.23	7.14	71.0	1.07
37	1151.5	1147.0	144,180	3.52	507,860	11.51	4.34	7.16	72.0	1.07
38	1147.0	1142.5	143,100	3.56	508,750	11.38	4.36	7.01	72.0	1.08
39	1142.5	1138.0	128,100	3.57	457,730	11.50	4.38	7.12	73.0	1.11
40	1138.0	1133.5	115,320	3.61	416,040	12.00	4.56	7.44	76.0	1.15
41	1133.5	1129.0	106,380	3.62	385,550	12.38	4.67	7.71	77.0	1.14
42	1129.0	1124.5	110,280	3.58	394,270	11.90	4.45	7.45	73.0	1.12
43	1124.5	1120.0	123,720	3.51	434,210	11.37	4.21	7.16	70.0	1.06
44	1120.0	1115.5	129,300	3.43	443,760	10.98	4.02	6.97	68.0	1.03
45	1115.5	1111.0	126,900	3.46	438,450	11.42	4.16	7.26	71.0	1.08
46	1111.0	1106.5	130,740	3.55	463,690	11.88	4.34	7.54	74.0	1.12

C U R R A G H R E S O U R C E S I N C .

Grum Net Profit Interest
Total Mining Reserve

Bch #	Crest	Toe	Vol bcm	S.G	Tonnes	%Pb+Zn	%Pb	%Zn	Ag g/mt	Au g/mt
47	1106.5	1102.0	127,980	3.60	460,920	12.55	4.56	7.99	78.0	1.21
48	1102.0	1097.5	124,140	3.57	443,070	12.12	4.44	7.68	76.0	1.20
49	1097.5	1093.0	117,840	3.54	417,660	11.33	4.26	7.07	73.0	1.12
50	1093.0	1088.5	110,040	3.54	389,690	10.98	4.20	6.79	72.0	1.08
51	1088.5	1084.0	103,980	3.52	366,330	10.68	4.12	6.57	70.0	1.12
52	1084.0	1079.5	100,440	3.58	359,220	10.28	3.97	6.31	68.0	1.13
53	1079.5	1075.0	89,760	3.69	331,460	10.12	3.93	6.19	68.0	1.18
54	1075.0	1070.5	71,640	3.73	267,530	10.16	3.90	6.27	67.0	1.15
55	1070.5	1066.0	51,780	3.72	192,830	9.98	3.66	6.31	64.0	1.11
56	1066.0	1061.5	42,240	3.78	159,560	9.64	3.52	6.12	62.0	1.07
57	1061.5	1057.0	38,040	3.90	148,470	10.34	3.73	6.61	68.0	1.13
58	1057.0	1052.5	46,380	3.89	180,400	10.71	3.90	6.81	71.0	1.22
59	1052.5	1048.0	49,740	3.94	196,040	10.78	3.99	6.78	72.0	1.34
60	1048.0	1043.5	43,860	4.11	180,070	11.98	4.43	7.56	81.0	1.40
61	1043.5	1039.0	28,200	4.04	113,900	11.09	4.16	6.93	70.0	1.37
62	1039.0	1034.5	9,840	4.03	39,640	12.54	4.74	7.80	74.0	1.22
63	1034.5	1030.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
64	1030.0	1025.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
65	1025.5	1021.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
66	1021.0	1016.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
67	1016.5	1012.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
68	1012.0	1007.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
69	1007.5	1003.0	0	0.00	0	0.00	0.00	0.00	0.0	0.00
70	1003.0	998.5	0	0.00	0	0.00	0.00	0.00	0.0	0.00
Total:			4,849,260	3.43	16,617,250	10.50	3.91	6.59	65.6	0.99

SECTION 5
GRUM NET PROFIT INTEREST AS PERCENTAGE OF
TOTAL GRUM MINING RESERVE

CURRAGH RESOURCES INC.
GRUM DEPOSIT - NET PROFIT INTEREST - WITHIN GIV STAGE 3 PIT

26-Apr-90

Bch #	Crest	Toe	V O L U M E						T O N N E S							
			5ZNP1 BCM	2ZNP1 BCM	100Z CRI BCM	Total Bch BCM	Percent 5Z NPI	Percent 2Z NPI	Percent 100Z CRI	5ZNP1	2ZNP1	100Z CRI	Total Bch	Percent 5Z NPI	Percent 2Z NPI	Percent 100Z CRI
Total Waste (Pb+Zn (3Z))			In-Situ Reserves			NO ADJUSTMENTS										
1	1336.0	1324.0	7,200	0	0	7,200	100.0	0.0	0.0	15,110	0	0	15,110	100.0	0.0	0.0
2	1324.0	1312.0	858,120	0	0	858,120	100.0	0.0	0.0	2,184,590	0	0	2,184,590	100.0	0.0	0.0
3	1312.0	1300.0	2,572,200	0	47,400	2,619,600	98.2	0.0	1.8	6,660,460	0	99,540	6,760,000	98.5	0.0	1.5
4	1300.0	1295.5	1,528,980	21,300	276,240	1,826,520	83.7	1.2	15.1	3,820,380	44,700	579,840	4,444,920	85.9	1.0	13.1
5	1295.5	1291.0	1,595,340	86,820	278,880	1,961,040	81.4	4.4	14.2	4,027,130	182,240	585,390	4,794,760	84.0	3.8	12.2
6	1291.0	1286.5	1,675,560	156,900	275,280	2,107,740	79.5	7.4	13.1	4,275,270	329,330	577,840	5,182,440	82.5	6.4	11.2
7	1286.5	1282.0	1,765,920	220,860	259,800	2,246,580	78.6	9.8	11.6	4,531,610	463,590	545,350	5,540,550	81.8	8.4	9.8
8	1282.0	1277.5	1,833,240	279,600	244,260	2,357,100	77.8	11.9	10.3	4,696,520	586,890	512,730	5,796,140	81.0	10.1	8.9
9	1277.5	1273.0	1,956,180	348,480	229,260	2,533,920	77.2	13.8	9.0	4,963,360	731,480	481,240	6,176,080	80.4	11.8	7.8
10	1273.0	1268.5	2,019,420	371,160	215,340	2,605,920	77.5	14.2	8.3	5,108,810	779,090	469,980	6,357,880	80.4	12.3	7.3
11	1268.5	1264.0	2,024,580	353,640	200,100	2,578,320	78.5	13.7	7.8	5,154,070	742,320	451,580	6,347,970	81.2	11.7	7.1
12	1264.0	1259.5	1,986,360	339,300	184,740	2,510,400	79.1	13.5	7.4	5,083,250	713,830	424,410	6,221,490	81.7	11.5	6.8
13	1259.5	1255.0	1,921,620	319,020	170,340	2,410,980	79.7	13.2	7.1	4,952,320	675,170	401,350	6,028,840	82.1	11.2	6.7
14	1255.0	1250.5	1,852,140	304,980	158,340	2,315,460	80.0	13.2	6.8	4,801,670	649,250	381,460	5,832,380	82.3	11.1	6.6
15	1250.5	1246.0	1,779,360	284,220	148,020	2,211,600	80.5	12.9	6.7	4,644,620	612,820	368,010	5,625,450	82.6	10.9	6.5
16	1246.0	1241.5	1,706,820	270,120	136,020	2,112,960	80.8	12.8	6.4	4,488,890	585,170	347,670	5,422,700	82.8	10.8	6.4
17	1241.5	1237.0	1,631,280	250,500	126,360	2,008,140	81.2	12.5	6.3	4,318,950	552,750	328,810	5,200,510	83.0	10.6	6.4
18	1237.0	1232.5	1,574,040	235,860	116,340	1,926,240	81.7	12.2	6.1	4,186,250	531,430	308,020	5,025,700	83.3	10.6	6.1
19	1232.5	1228.0	1,502,040	216,720	107,580	1,826,340	82.2	11.9	5.9	4,013,930	497,100	288,090	4,799,120	83.6	10.4	6.0
20	1228.0	1223.5	1,425,000	199,320	98,220	1,722,540	82.7	11.6	5.7	3,819,590	470,630	265,170	4,555,390	83.8	10.3	5.9
21	1223.5	1219.0	1,371,160	185,460	91,020	1,647,640	83.2	11.3	5.5	3,688,980	447,740	245,830	4,382,550	84.2	10.2	5.6
22	1219.0	1214.5	1,329,780	168,420	85,020	1,583,220	84.0	10.6	5.4	3,591,900	417,090	229,580	4,238,570	84.7	9.8	5.5
23	1214.5	1210.0	1,291,380	158,340	79,020	1,528,740	84.5	10.4	5.1	3,488,410	399,610	213,350	4,101,370	85.1	9.7	5.2
24	1210.0	1205.5	1,240,740	148,380	73,500	1,462,620	84.8	10.1	5.1	3,351,970	381,130	198,450	3,931,550	85.3	9.7	5.0
25	1205.5	1201.0	1,194,360	137,340	67,740	1,399,440	85.3	9.8	4.9	3,226,690	359,610	182,890	3,769,190	85.6	9.5	4.9
26	1201.0	1196.5	1,151,940	119,880	63,180	1,335,000	86.3	9.0	4.7	3,112,570	321,330	170,590	3,604,490	86.4	8.9	4.7
27	1196.5	1192.0	1,111,020	114,060	58,980	1,284,060	86.5	8.9	4.6	3,002,330	307,960	159,250	3,469,540	86.5	8.9	4.6
28	1192.0	1187.5	1,076,160	105,180	54,900	1,236,240	87.1	8.5	4.4	2,908,190	283,990	148,230	3,340,410	87.1	8.5	4.4
29	1187.5	1183.0	1,038,060	95,160	50,340	1,183,560	87.7	8.0	4.3	2,805,740	256,930	135,920	3,198,590	87.7	8.0	4.3
30	1183.0	1178.5	988,080	88,620	45,900	1,122,600	88.0	7.9	4.1	2,672,490	239,280	123,930	3,035,700	88.0	7.9	4.1
31	1178.5	1174.0	939,780	80,940	41,940	1,062,660	88.4	7.6	4.0	2,540,910	218,530	113,250	2,872,690	88.5	7.6	3.9
32	1174.0	1169.5	908,220	70,500	38,220	1,016,940	89.3	6.9	3.8	2,454,370	190,350	103,200	2,747,920	89.3	6.9	3.8
33	1169.5	1165.0	864,180	58,500	33,480	956,160	90.4	6.1	3.5	2,335,120	157,950	90,390	2,583,460	90.4	6.1	3.5
34	1165.0	1160.5	812,640	52,260	28,080	892,980	91.0	5.9	3.2	2,196,080	141,180	75,810	2,413,070	91.0	5.9	3.2
35	1160.5	1156.0	764,940	43,680	23,220	831,840	92.0	5.3	2.8	2,066,610	118,100	62,690	2,247,400	92.0	5.3	2.8
36	1156.0	1151.5	733,500	36,840	19,140	789,480	92.9	4.7	2.4	1,981,720	99,550	51,750	2,133,020	92.9	4.7	2.4
37	1151.5	1147.0	700,800	27,420	16,500	744,720	94.1	3.7	2.2	1,893,920	74,200	44,790	2,012,910	94.1	3.7	2.2
38	1147.0	1142.5	663,840	19,260	13,500	696,600	95.3	2.8	1.9	1,795,310	52,080	36,620	1,884,010	95.3	2.8	1.9
39	1142.5	1138.0	622,320	14,280	10,980	647,580	96.1	2.2	1.7	1,684,030	38,550	29,900	1,752,480	96.1	2.2	1.7
40	1138.0	1133.5	588,720	12,300	8,640	609,660	96.6	2.0	1.4	1,594,780	33,210	23,570	1,651,560	96.6	2.0	1.4
41	1133.5	1129.0	550,560	16,740	7,260	574,560	95.8	2.9	1.3	1,492,400	45,280	19,850	1,557,530	95.8	2.9	1.3
42	1129.0	1124.5	498,300	12,660	4,320	515,280	96.7	2.5	0.8	1,349,530	34,590	11,660	1,395,780	96.7	2.5	0.8
43	1124.5	1120.0	455,520	9,780	5,520	470,820	96.8	2.1	1.1	1,233,950	26,580	14,900	1,275,430	96.7	2.1	1.2
44	1120.0	1115.5	428,760	6,960	6,060	441,780	97.1	1.6	1.3	1,160,210	18,790	16,360	1,195,360	97.1	1.6	1.3
45	1115.5	1111.0	403,620	4,200	4,380	412,200	97.9	1.0	1.1	1,091,790	11,340	11,830	1,114,960	97.9	1.0	1.1
46	1111.0	1106.5	369,060	1,800	3,300	374,160	98.6	0.5	0.9	998,190	4,860	8,900	1,011,950	98.6	0.5	0.9

CURRAGH RESOURCES INC.
GRUM DEPOSIT - NET PROFIT INTEREST - WITHIN GIV STAGE 3 PIT

26-Apr-90

Bch #	Crest	Toe	V O L U M E							T O N N E S						
			5%NPI BCM	2%NPI BCM	100% CRI BCM	Total Bch BCM	Percent 5% NPI	Percent 2% NPI	Percent 100% CRI	5%NPI	2%NPI	100% CRI	Total Bch	Percent 5% NPI	Percent 2% NPI	Percent 100% CRI
47	1106.5	1102.0	346,920	360	1,980	349,260	99.3	0.1	0.6	939,250	970	5,350	945,570	99.3	0.1	0.6
48	1102.0	1097.5	328,140	0	240	328,380	99.9	0.0	0.1	888,790	0	650	889,440	99.9	0.0	0.1
49	1097.5	1093.0	295,980	0	0	295,980	100.0	0.0	0.0	802,490	0	0	802,490	100.0	0.0	0.0
50	1093.0	1088.5	254,520	0	0	254,520	100.0	0.0	0.0	688,970	0	0	688,970	100.0	0.0	0.0
51	1088.5	1084.0	217,560	0	0	217,560	100.0	0.0	0.0	588,580	0	0	588,580	100.0	0.0	0.0
52	1084.0	1079.5	195,180	0	0	195,180	100.0	0.0	0.0	529,600	0	0	529,600	100.0	0.0	0.0
53	1079.5	1075.0	177,240	0	0	177,240	100.0	0.0	0.0	482,620	0	0	482,620	100.0	0.0	0.0
54	1075.0	1070.5	167,160	0	0	167,160	100.0	0.0	0.0	455,250	0	0	455,250	100.0	0.0	0.0
55	1070.5	1066.0	126,420	0	0	126,420	100.0	0.0	0.0	345,870	0	0	345,870	100.0	0.0	0.0
56	1066.0	1061.5	100,920	0	0	100,920	100.0	0.0	0.0	275,690	0	0	275,690	100.0	0.0	0.0
57	1061.5	1057.0	63,420	0	0	63,420	100.0	0.0	0.0	173,030	0	0	173,030	100.0	0.0	0.0
58	1057.0	1052.5	37,980	0	0	37,980	100.0	0.0	0.0	103,160	0	0	103,160	100.0	0.0	0.0
59	1052.5	1048.0	25,320	0	0	25,320	100.0	0.0	0.0	68,540	0	0	68,540	100.0	0.0	0.0
60	1048.0	1043.5	15,840	0	0	15,840	100.0	0.0	0.0	42,930	0	0	42,930	100.0	0.0	0.0
61	1043.5	1039.0	15,360	0	0	15,360	100.0	0.0	0.0	41,470	0	0	41,470	100.0	0.0	0.0
62	1039.0	1034.5	2,280	0	0	2,280	100.0	0.0	0.0	6,160	0	0	6,160	100.0	0.0	0.0
Total:			57,683,280	6,048,120	4,208,880	67,940,280	84.9	8.9	6.2	151,897,370	13,829,540	9,945,970	175,672,880	86.5	7.9	5.6

CURRAGH RESOURCES INC.
GRUM DEPOSIT - NET PROFIT INTEREST - WITHIN GIV STAGE 3 PIT

26-Apr-90

Bch #	Crest	Toe	V O L U M E						T O N N E S							
			5ZNPI BCM	2ZNPI BCM	100Z CRI BCM	Total Bch BCM	Percent 5Z NPI	Percent 2Z NPI	Percent 100Z CRI	5ZNPI	2ZNPI	100Z CRI	Total Bch	Percent 5Z NPI	Percent 2Z NPI	Percent 100Z CF
Cutoff = + 5Z Pb+Zn			In-Situ Reserves						NO ADJUSTMENTS							
1	1336.0	1324.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
2	1324.0	1312.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
3	1312.0	1300.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
4	1300.0	1295.5	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
5	1295.5	1291.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
6	1291.0	1286.5	540	0	0	540	100.0	0.0	0.0	1,560	0	0	1,560	100.0	0.0	0.0
7	1286.5	1282.0	1,620	0	0	1,620	100.0	0.0	0.0	4,690	0	0	4,690	100.0	0.0	0.0
8	1282.0	1277.5	3,240	0	0	3,240	100.0	0.0	0.0	9,680	0	0	9,680	100.0	0.0	0.0
9	1277.5	1273.0	9,180	0	0	9,180	100.0	0.0	0.0	27,510	0	0	27,510	100.0	0.0	0.0
10	1273.0	1268.5	14,040	0	0	14,040	100.0	0.0	0.0	41,410	0	0	41,410	100.0	0.0	0.0
11	1268.5	1264.0	17,280	0	0	17,280	100.0	0.0	0.0	50,760	0	0	50,760	100.0	0.0	0.0
12	1264.0	1259.5	22,680	0	0	22,680	100.0	0.0	0.0	67,170	0	0	67,170	100.0	0.0	0.0
13	1259.5	1255.0	32,940	0	0	32,940	100.0	0.0	0.0	97,820	0	0	97,820	100.0	0.0	0.0
14	1255.0	1250.5	46,980	0	0	46,980	100.0	0.0	0.0	138,480	0	0	138,480	100.0	0.0	0.0
15	1250.5	1246.0	66,960	1,080	0	68,040	98.4	1.6	0.0	199,340	4,140	0	203,480	98.0	2.0	0.0
16	1246.0	1241.5	88,560	1,080	540	90,180	98.2	1.2	0.6	266,070	4,070	2,020	272,160	97.8	1.5	0.7
17	1241.5	1237.0	111,780	3,780	0	115,560	96.7	3.3	0.0	338,420	14,770	0	353,190	95.8	4.2	0.0
18	1237.0	1232.5	119,880	3,240	0	123,120	97.4	2.6	0.0	363,810	12,480	0	376,290	96.7	3.3	0.0
19	1232.5	1228.0	139,320	2,700	0	142,020	98.1	1.9	0.0	428,330	10,480	0	438,810	97.6	2.4	0.0
20	1228.0	1223.5	166,320	2,700	0	169,020	98.4	1.6	0.0	518,610	10,100	0	528,710	98.1	1.9	0.0
21	1223.5	1219.0	175,920	2,160	0	178,080	98.8	1.2	0.0	552,440	8,020	0	560,460	98.6	1.4	0.0
22	1219.0	1214.5	169,680	1,080	0	170,760	99.4	0.6	0.0	529,880	4,210	0	534,090	99.2	0.8	0.0
23	1214.5	1210.0	165,120	1,080	0	166,200	99.4	0.6	0.0	511,370	4,210	0	515,580	99.2	0.8	0.0
24	1210.0	1205.5	165,060	0	0	165,060	100.0	0.0	0.0	511,220	0	10	511,230	100.0	0.0	0.0
25	1205.5	1201.0	167,760	1,080	0	168,840	99.4	0.6	0.0	522,800	4,190	0	526,990	99.2	0.8	0.0
26	1201.0	1196.5	167,640	1,620	0	169,260	99.0	1.0	0.0	531,180	6,320	0	537,500	98.8	1.2	0.0
27	1196.5	1192.0	163,320	0	0	163,320	100.0	0.0	0.0	529,730	0	0	529,730	100.0	0.0	0.0
28	1192.0	1187.5	153,960	1,080	0	155,040	99.3	0.7	0.0	501,420	3,830	0	505,250	99.2	0.8	0.0
29	1187.5	1183.0	150,300	4,380	0	154,680	97.2	2.8	0.0	480,470	14,580	0	495,050	97.1	2.9	0.0
30	1183.0	1178.5	157,800	5,880	0	163,680	96.4	3.6	0.0	501,750	20,950	0	522,700	96.0	4.0	0.0
31	1178.5	1174.0	164,100	8,880	0	172,980	94.9	5.1	0.0	523,770	33,340	0	557,110	94.0	6.0	0.0
32	1174.0	1169.5	154,680	13,560	0	168,240	91.9	8.1	0.0	498,710	50,800	0	549,510	90.8	9.2	0.0
33	1169.5	1165.0	155,040	18,120	540	173,700	89.3	10.4	0.3	508,270	65,520	1,630	575,420	88.3	11.4	0.3
34	1165.0	1160.5	168,600	19,680	2,160	190,440	88.5	10.3	1.2	554,560	70,110	6,530	631,200	87.9	11.1	1.0
35	1160.5	1156.0	172,260	19,380	3,780	195,420	88.1	9.9	2.0	567,850	69,310	11,420	648,580	87.6	10.7	1.7
36	1156.0	1151.5	165,720	22,320	4,320	192,360	86.2	11.6	2.2	548,410	82,320	13,050	643,780	85.2	12.8	2.0
37	1151.5	1147.0	163,020	28,020	4,320	195,360	83.4	14.3	2.3	542,270	107,870	13,050	663,190	81.8	16.3	1.9
38	1147.0	1142.5	167,160	30,420	4,860	202,440	82.6	15.0	2.4	554,590	119,310	15,030	688,930	80.5	17.3	2.2
39	1142.5	1138.0	174,000	24,840	4,860	203,700	85.4	12.2	2.4	577,950	95,890	15,120	688,960	83.9	13.9	2.2
40	1138.0	1133.5	175,800	16,200	4,860	196,860	89.3	8.2	2.5	591,370	60,020	14,990	666,380	88.7	9.0	2.3
41	1133.5	1129.0	182,040	7,560	4,320	193,920	93.9	3.9	2.2	612,940	27,310	13,600	653,850	93.7	4.2	2.1
42	1129.0	1124.5	201,060	3,240	5,400	209,700	95.9	1.5	2.6	667,870	12,250	17,940	698,060	95.7	1.8	2.5
43	1124.5	1120.0	215,040	2,160	2,160	219,360	98.0	1.0	1.0	712,480	7,980	7,160	727,620	97.9	1.1	1.0
44	1120.0	1115.5	211,200	360	0	211,560	99.8	0.2	0.0	694,140	1,410	0	695,550	99.8	0.2	0.0
45	1115.5	1111.0	201,060	0	0	201,060	100.0	0.0	0.0	665,910	0	0	665,910	100.0	0.0	0.0
46	1111.0	1106.5	194,640	0	0	194,640	100.0	0.0	0.0	658,410	0	0	658,410	100.0	0.0	0.0

CURRAGH RESOURCES INC.

26-Apr-90

GRUM DEPOSIT - NET PROFIT INTEREST - WITHIN GIV STAGE 3 PIT

Bch #	Crest	Toe	V O L U M E							T O N N E S						
			5%NPI BCM	2%NPI BCM	100% CRI BCM	Total Bch BCM	Percent 5% NPI	Percent 2% NPI	Percent 100% CRI	5%NPI	2%NPI	100% CRI	Total Bch	Percent 5% NPI	Percent 2% NPI	Percent 100% C
47	1106.5	1102.0	183,900	0	0	183,900	100.0	0.0	0.0	629,050	0	0	629,050	100.0	0.0	0.0
48	1102.0	1097.5	168,000	0	0	168,000	100.0	0.0	0.0	575,390	0	0	575,390	100.0	0.0	0.0
49	1097.5	1093.0	161,640	0	0	161,640	100.0	0.0	0.0	551,450	0	0	551,450	100.0	0.0	0.0
50	1093.0	1088.5	152,520	0	0	152,520	100.0	0.0	0.0	521,360	0	0	521,360	100.0	0.0	0.0
51	1088.5	1084.0	142,320	0	0	142,320	100.0	0.0	0.0	484,090	0	0	484,090	100.0	0.0	0.0
52	1084.0	1079.5	136,680	0	0	136,680	100.0	0.0	0.0	468,740	0	0	468,740	100.0	0.0	0.0
53	1079.5	1075.0	125,220	0	0	125,220	100.0	0.0	0.0	437,970	0	0	437,970	100.0	0.0	0.0
54	1075.0	1070.5	98,460	0	0	98,460	100.0	0.0	0.0	350,430	0	0	350,430	100.0	0.0	0.0
55	1070.5	1066.0	70,320	0	0	70,320	100.0	0.0	0.0	250,350	0	0	250,350	100.0	0.0	0.0
56	1066.0	1061.5	59,520	0	0	59,520	100.0	0.0	0.0	214,730	0	0	214,730	100.0	0.0	0.0
57	1061.5	1057.0	57,300	0	0	57,300	100.0	0.0	0.0	210,980	0	0	210,980	100.0	0.0	0.0
58	1057.0	1052.5	60,720	0	0	60,720	100.0	0.0	0.0	227,320	0	0	227,320	100.0	0.0	0.0
59	1052.5	1048.0	58,620	0	0	58,620	100.0	0.0	0.0	226,220	0	0	226,220	100.0	0.0	0.0
60	1048.0	1043.5	51,360	0	0	51,360	100.0	0.0	0.0	206,380	0	0	206,380	100.0	0.0	0.0
61	1043.5	1039.0	34,680	0	0	34,680	100.0	0.0	0.0	134,250	0	0	134,250	100.0	0.0	0.0
62	1039.0	1034.5	12,120	0	0	12,120	100.0	0.0	0.0	46,910	0	0	46,910	100.0	0.0	0.0
Total:			6,916,680	247,680	42,120	7,206,480	96.0	3.4	0.6	22,741,040	925,790	131,550	23,798,380	95.6	3.9	0.5

CURRAGH RESOURCES INC.
GRUM DEPOSIT - NET PROFIT INTEREST - WITHIN GIV STAGE 3 PIT

26-Apr-90

Bch #	Crest	Toe	V O L U M E							T O N N E S						
			5ZNP1 BCM	2ZNP1 BCM	100Z CRI BCM	Total Bch BCM	Percent 5Z NPI	Percent 2Z NPI	Percent 100Z CRI	5ZNP1	2ZNP1	100Z CRI	Total Bch	Percent 5Z NPI	Percent 2Z NPI	Percent 100Z CRI
Cutoff = + 4% Pb+Zn			In-Situ Reserves							NO ADJUSTMENTS						
1	1336.0	1324.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
2	1324.0	1312.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
3	1312.0	1300.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
4	1300.0	1295.5	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
5	1295.5	1291.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
6	1291.0	1286.5	540	0	0	540	100.0	0.0	0.0	1,560	0	0	1,560	100.0	0.0	0.0
7	1286.5	1282.0	1,620	0	0	1,620	100.0	0.0	0.0	4,690	0	0	4,690	100.0	0.0	0.0
8	1282.0	1277.5	3,240	0	0	3,240	100.0	0.0	0.0	9,680	0	0	9,680	100.0	0.0	0.0
9	1277.5	1273.0	9,180	0	0	9,180	100.0	0.0	0.0	27,510	0	0	27,510	100.0	0.0	0.0
10	1273.0	1268.5	14,040	0	0	14,040	100.0	0.0	0.0	41,410	0	0	41,410	100.0	0.0	0.0
11	1268.5	1264.0	17,280	0	0	17,280	100.0	0.0	0.0	50,760	0	0	50,760	100.0	0.0	0.0
12	1264.0	1259.5	22,680	0	0	22,680	100.0	0.0	0.0	67,170	0	0	67,170	100.0	0.0	0.0
13	1259.5	1255.0	31,320	0	0	31,320	100.0	0.0	0.0	92,840	0	0	92,840	100.0	0.0	0.0
14	1255.0	1250.5	44,820	0	0	44,820	100.0	0.0	0.0	131,850	0	0	131,850	100.0	0.0	0.0
15	1250.5	1246.0	63,180	1,080	0	64,260	98.3	1.7	0.0	187,500	4,140	0	191,640	97.8	2.2	0.0
16	1246.0	1241.5	82,080	1,080	540	83,700	98.1	1.3	0.6	245,770	4,070	2,020	251,860	97.6	1.6	0.8
17	1241.5	1237.0	100,980	3,780	0	104,760	96.4	3.6	0.0	305,060	14,770	0	319,830	95.4	4.6	0.0
18	1237.0	1232.5	108,540	3,240	0	111,780	97.1	2.9	0.0	329,790	12,480	0	342,270	96.4	3.6	0.0
19	1232.5	1228.0	121,500	2,700	0	124,200	97.8	2.2	0.0	375,130	10,480	0	385,610	97.3	2.7	0.0
20	1228.0	1223.5	150,660	2,700	0	153,360	98.2	1.8	0.0	471,360	10,100	0	481,460	97.9	2.1	0.0
21	1223.5	1219.0	161,880	2,160	0	164,040	98.7	1.3	0.0	509,360	8,020	0	517,380	98.4	1.6	0.0
22	1219.0	1214.5	150,480	1,080	0	151,560	99.3	0.7	0.0	470,030	4,210	0	474,240	99.1	0.9	0.0
23	1214.5	1210.0	146,580	1,080	0	147,660	99.3	0.7	0.0	454,430	4,210	0	458,640	99.1	0.9	0.0
24	1210.0	1205.5	153,720	0	0	153,720	100.0	0.0	0.0	475,720	0	0	475,720	100.0	0.0	0.0
25	1205.5	1201.0	162,300	1,080	0	163,380	99.3	0.7	0.0	505,740	4,190	0	509,930	99.2	0.8	0.0
26	1201.0	1196.5	162,660	1,620	0	164,280	99.0	1.0	0.0	515,580	6,330	0	521,910	98.8	1.2	0.0
27	1196.5	1192.0	158,460	0	0	158,460	100.0	0.0	0.0	514,370	0	0	514,370	100.0	0.0	0.0
28	1192.0	1187.5	145,320	1,080	0	146,400	99.3	0.7	0.0	475,120	3,830	0	478,950	99.2	0.8	0.0
29	1187.5	1183.0	145,440	4,380	0	149,820	97.1	2.9	0.0	465,640	14,590	0	480,230	97.0	3.0	0.0
30	1183.0	1178.5	153,480	5,880	0	159,360	96.3	3.7	0.0	488,000	20,950	0	508,950	95.9	4.1	0.0
31	1178.5	1174.0	154,920	8,880	0	163,800	94.6	5.4	0.0	496,050	33,340	0	529,390	93.7	6.3	0.0
32	1174.0	1169.5	148,200	13,560	0	161,760	91.6	8.4	0.0	479,500	50,800	0	530,300	90.4	9.6	0.0
33	1169.5	1165.0	146,220	18,120	540	164,880	88.7	11.0	0.3	482,150	65,520	1,630	549,300	87.8	11.9	0.3
34	1165.0	1160.5	160,380	19,680	2,160	182,220	88.0	10.8	1.2	530,290	70,120	6,520	606,930	87.4	11.6	1.0
35	1160.5	1156.0	162,000	19,380	3,780	185,160	87.5	10.5	2.0	536,940	69,310	11,420	617,670	86.9	11.2	1.9
36	1156.0	1151.5	157,620	22,320	4,320	184,260	85.5	12.1	2.4	524,390	82,310	13,050	619,750	84.6	13.3	2.1
37	1151.5	1147.0	153,300	28,020	4,320	185,640	82.6	15.1	2.3	513,740	107,870	13,030	634,640	80.9	17.0	2.1
38	1147.0	1142.5	153,180	30,420	4,860	188,460	81.3	16.1	2.6	512,860	119,310	15,030	647,200	79.2	18.4	2.4
39	1142.5	1138.0	153,300	24,540	4,860	182,700	83.9	13.4	2.7	515,050	94,810	15,120	624,980	82.4	15.2	2.4
40	1138.0	1133.5	146,640	16,200	4,860	167,700	87.4	9.7	2.9	501,630	60,030	14,990	576,650	87.0	10.4	2.6
41	1133.5	1129.0	146,760	7,560	4,320	158,640	92.5	4.8	2.7	504,620	27,310	13,600	545,530	92.5	5.0	2.5
42	1129.0	1124.5	165,180	3,240	5,400	173,820	95.0	1.9	3.1	560,100	12,250	17,940	590,290	94.9	2.1	3.0
43	1124.5	1120.0	190,020	2,160	2,160	194,340	97.8	1.1	1.1	638,590	7,980	7,170	653,740	97.7	1.2	1.1
44	1120.0	1115.5	187,620	360	0	187,980	99.8	0.2	0.0	625,630	1,410	0	627,040	99.8	0.2	0.0
45	1115.5	1111.0	175,140	0	0	175,140	100.0	0.0	0.0	590,270	0	0	590,270	100.0	0.0	0.0
46	1111.0	1106.5	168,180	0	0	168,180	100.0	0.0	0.0	580,310	0	0	580,310	100.0	0.0	0.0

CURRAGH RESOURCES INC.
GRUM DEPOSIT - NET PROFIT INTEREST - WITHIN GIV STAGE 3 PIT

26-Apr-90

Bch #	Crest	Toe	V O L U M E							T O N N E S						
			5ZNPI BCM	2ZNPI BCM	100% CRI BCM	Total Bch BCM	Percent SZ NPI	Percent 2% NPI	Percent 100% CRI	5ZNPI	2ZNPI	100% CRI	Total Bch	Percent SZ NPI	Percent 2% NPI	Percent 100% CRI
47	1106.5	1102.0	156,900	0	0	156,900	100.0	0.0	0.0	548,970	0	0	548,970	100.0	0.0	0.0
48	1102.0	1097.5	150,720	0	0	150,720	100.0	0.0	0.0	523,710	0	0	523,710	100.0	0.0	0.0
49	1097.5	1093.0	143,220	0	0	143,220	100.0	0.0	0.0	496,600	0	0	496,600	100.0	0.0	0.0
50	1093.0	1088.5	138,660	0	0	138,660	100.0	0.0	0.0	479,980	0	0	479,980	100.0	0.0	0.0
51	1088.5	1084.0	132,600	0	0	132,600	100.0	0.0	0.0	455,420	0	0	455,420	100.0	0.0	0.0
52	1084.0	1079.5	123,180	0	0	123,180	100.0	0.0	0.0	429,170	0	0	429,170	100.0	0.0	0.0
53	1079.5	1075.0	108,420	0	0	108,420	100.0	0.0	0.0	388,370	0	0	388,370	100.0	0.0	0.0
54	1075.0	1070.5	85,680	0	0	85,680	100.0	0.0	0.0	311,700	0	0	311,700	100.0	0.0	0.0
55	1070.5	1066.0	64,500	0	0	64,500	100.0	0.0	0.0	232,450	0	0	232,450	100.0	0.0	0.0
56	1066.0	1061.5	54,120	0	0	54,120	100.0	0.0	0.0	197,940	0	0	197,940	100.0	0.0	0.0
57	1061.5	1057.0	52,500	0	0	52,500	100.0	0.0	0.0	195,770	0	0	195,770	100.0	0.0	0.0
58	1057.0	1052.5	57,120	0	0	57,120	100.0	0.0	0.0	215,750	0	0	215,750	100.0	0.0	0.0
59	1052.5	1048.0	56,760	0	0	56,760	100.0	0.0	0.0	220,200	0	0	220,200	100.0	0.0	0.0
60	1048.0	1043.5	48,720	0	0	48,720	100.0	0.0	0.0	197,930	0	0	197,930	100.0	0.0	0.0
61	1043.5	1039.0	33,240	0	0	33,240	100.0	0.0	0.0	129,650	0	0	129,650	100.0	0.0	0.0
62	1039.0	1034.5	12,000	0	0	12,000	100.0	0.0	0.0	46,520	0	0	46,520	100.0	0.0	0.0
Total:			6,298,980	247,380	42,120	6,588,480	95.6	3.8	0.6	20,878,320	924,740	131,520	21,934,580	95.2	4.2	0.6

CURRAGH RESOURCES INC.
GRUM DEPOSIT - NET PROFIT INTEREST - WITHIN GIV STAGE 3 PIT

27-Apr-90

Bch #	Crest	Toe	V O L U M E						T O N N E S							
			SZNPI BCM	2ZNPI BCM	100Z CRI BCM	Total Bch BCM	Percent 5Z NPI	Percent 2Z NPI	Percent 100Z CRI	SZNPI	2ZNPI	100Z CRI	Total Bch	Percent 5Z NPI	Percent 2Z NPI	Percent 100Z CR
Cutoff = + 5Z Pb+Zn																
1	1336.0	1324.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
2	1324.0	1312.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
3	1312.0	1300.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
4	1300.0	1295.5	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
5	1295.5	1291.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
6	1291.0	1286.5	540	0	0	540	100.0	0.0	0.0	1,560	0	0	1,560	100.0	0.0	0.0
7	1286.5	1282.0	1,620	0	0	1,620	100.0	0.0	0.0	4,690	0	0	4,690	100.0	0.0	0.0
8	1282.0	1277.5	3,240	0	0	3,240	100.0	0.0	0.0	9,680	0	0	9,680	100.0	0.0	0.0
9	1277.5	1273.0	9,180	0	0	9,180	100.0	0.0	0.0	27,510	0	0	27,510	100.0	0.0	0.0
10	1273.0	1268.5	12,960	0	0	12,960	100.0	0.0	0.0	38,110	0	0	38,110	100.0	0.0	0.0
11	1268.5	1264.0	15,120	0	0	15,120	100.0	0.0	0.0	44,230	0	0	44,230	100.0	0.0	0.0
12	1264.0	1259.5	15,660	0	0	15,660	100.0	0.0	0.0	45,970	0	0	45,970	100.0	0.0	0.0
13	1259.5	1255.0	23,760	0	0	23,760	100.0	0.0	0.0	70,060	0	0	70,060	100.0	0.0	0.0
14	1255.0	1250.5	36,180	0	0	36,180	100.0	0.0	0.0	106,280	0	0	106,280	100.0	0.0	0.0
15	1250.5	1246.0	48,600	1,080	0	49,680	97.8	2.2	0.0	144,700	4,140	0	148,840	97.2	2.8	0.0
16	1246.0	1241.5	62,100	1,080	540	63,720	97.5	1.7	0.8	187,040	4,070	2,010	193,120	96.9	2.1	1.0
17	1241.5	1237.0	74,520	3,780	0	78,300	95.2	4.8	0.0	226,880	14,770	0	241,650	93.9	6.1	0.0
18	1237.0	1232.5	80,460	3,240	0	83,700	96.1	3.9	0.0	246,460	12,480	0	258,940	95.2	4.8	0.0
19	1232.5	1228.0	99,360	2,700	0	102,060	97.4	2.6	0.0	309,310	10,480	0	319,790	96.7	3.3	0.0
20	1228.0	1223.5	129,060	2,700	0	131,760	98.0	2.0	0.0	406,680	10,100	0	416,780	97.6	2.4	0.0
21	1223.5	1219.0	133,260	2,160	0	135,420	98.4	1.6	0.0	423,380	8,020	0	431,400	98.1	1.9	0.0
22	1219.0	1214.5	124,560	1,080	0	125,640	99.1	0.9	0.0	391,560	4,220	0	395,780	98.9	1.1	0.0
23	1214.5	1210.0	119,040	1,080	0	120,120	99.1	0.9	0.0	370,880	4,210	0	375,090	98.9	1.1	0.0
24	1210.0	1205.5	133,740	0	0	133,740	100.0	0.0	0.0	415,270	0	0	415,270	100.0	0.0	0.0
25	1205.5	1201.0	144,480	1,080	0	145,560	99.3	0.7	0.0	450,760	4,200	0	454,960	99.1	0.9	0.0
26	1201.0	1196.5	147,000	1,620	0	148,620	98.9	1.1	0.0	467,260	6,330	0	473,590	98.7	1.3	0.0
27	1196.5	1192.0	139,260	0	0	139,260	100.0	0.0	0.0	457,060	0	0	457,060	100.0	0.0	0.0
28	1192.0	1187.5	124,260	540	0	124,800	99.6	0.4	0.0	412,330	2,200	0	414,530	99.5	0.5	0.0
29	1187.5	1183.0	123,780	1,800	0	125,580	98.6	1.4	0.0	399,410	6,810	0	406,220	98.3	1.7	0.0
30	1183.0	1178.5	136,200	3,480	0	139,680	97.5	2.5	0.0	434,370	13,690	0	448,060	96.9	3.1	0.0
31	1178.5	1174.0	139,260	7,500	0	146,760	94.9	5.1	0.0	447,000	29,160	0	476,160	93.9	6.1	0.0
32	1174.0	1169.5	131,760	13,020	0	144,780	91.0	9.0	0.0	429,630	49,160	0	478,790	89.7	10.3	0.0
33	1169.5	1165.0	124,620	17,940	540	143,100	87.1	12.5	0.4	415,960	64,980	1,630	482,570	86.2	13.5	0.3
34	1165.0	1160.5	133,380	19,680	2,160	155,220	85.9	12.7	1.4	447,270	70,120	6,520	523,910	85.4	13.4	1.2
35	1160.5	1156.0	143,460	19,380	3,780	166,620	86.1	11.6	2.3	480,730	69,310	11,410	561,450	85.6	12.3	2.1
36	1156.0	1151.5	140,340	22,320	3,240	165,900	84.6	13.5	1.9	472,240	82,310	9,800	564,350	83.7	14.6	1.7
37	1151.5	1147.0	136,560	28,020	3,240	167,820	81.4	16.7	1.9	463,260	107,870	9,790	580,920	79.7	18.6	1.7
38	1147.0	1142.5	132,120	30,420	3,780	166,320	79.4	18.3	2.3	449,330	119,310	11,780	580,420	77.4	20.6	2.6
39	1142.5	1138.0	125,220	23,940	3,780	152,940	81.9	15.7	2.4	429,400	92,640	11,850	533,890	80.4	17.4	2.2
40	1138.0	1133.5	117,480	16,200	4,860	138,540	84.8	11.7	3.5	412,830	60,030	14,980	487,840	84.6	12.3	3.1
41	1133.5	1129.0	121,380	7,560	4,320	133,260	91.1	5.7	3.2	427,400	27,310	13,600	468,310	91.3	5.8	2.9
42	1129.0	1124.5	136,560	3,240	5,400	145,200	94.0	2.2	3.8	474,180	12,250	17,940	504,370	94.0	2.4	3.6
43	1124.5	1120.0	151,680	1,620	2,160	155,460	97.6	1.0	1.4	523,200	6,350	7,160	536,710	97.5	1.2	1.2
44	1120.0	1115.5	152,520	360	0	152,880	99.8	0.2	0.0	519,060	1,410	0	520,470	99.7	0.3	0.0
45	1115.5	1111.0	143,100	0	0	143,100	100.0	0.0	0.0	490,920	0	0	490,920	100.0	0.0	0.0
46	1111.0	1106.5	143,880	0	0	143,880	100.0	0.0	0.0	506,880	0	0	506,880	100.0	0.0	0.0

CURRAGH RESOURCES INC.
GRUM DEPOSIT - NET PROFIT INTEREST - WITHIN GIV STAGE 3 PIT

27-Apr-90

Bch #	Crest	Toe	V O L U M E							T O N N E S						
			5%NPI BCM	2%NPI BCM	100% CRI BCM	Total Bch BCM	Percent 5% NPI	Percent 2% NPI	Percent 100% CRI	5%NPI	2%NPI	100% CRI	Total Bch	Percent 5% NPI	Percent 2% NPI	Percent 100% CR
47	1106.5	1102.0	137,160	0	0	137,160	100.0	0.0	0.0	490,640	0	0	490,640	100.0	0.0	0.0
48	1102.0	1097.5	132,240	0	0	132,240	100.0	0.0	0.0	468,190	0	0	468,190	100.0	0.0	0.0
49	1097.5	1093.0	128,640	0	0	128,640	100.0	0.0	0.0	451,210	0	0	451,210	100.0	0.0	0.0
50	1093.0	1088.5	123,540	0	0	123,540	100.0	0.0	0.0	433,210	0	0	433,210	100.0	0.0	0.0
51	1088.5	1084.0	112,620	0	0	112,620	100.0	0.0	0.0	394,760	0	0	394,760	100.0	0.0	0.0
52	1084.0	1079.5	108,660	0	0	108,660	100.0	0.0	0.0	385,950	0	0	385,950	100.0	0.0	0.0
53	1079.5	1075.0	96,240	0	0	96,240	100.0	0.0	0.0	351,980	0	0	351,980	100.0	0.0	0.0
54	1075.0	1070.5	77,040	0	0	77,040	100.0	0.0	0.0	285,570	0	0	285,570	100.0	0.0	0.0
55	1070.5	1066.0	57,480	0	0	57,480	100.0	0.0	0.0	210,910	0	0	210,910	100.0	0.0	0.0
56	1066.0	1061.5	48,180	0	0	48,180	100.0	0.0	0.0	179,050	0	0	179,050	100.0	0.0	0.0
57	1061.5	1057.0	45,480	0	0	45,480	100.0	0.0	0.0	172,320	0	0	172,320	100.0	0.0	0.0
58	1057.0	1052.5	52,860	0	0	52,860	100.0	0.0	0.0	201,890	0	0	201,890	100.0	0.0	0.0
59	1052.5	1048.0	52,980	0	0	52,980	100.0	0.0	0.0	207,290	0	0	207,290	100.0	0.0	0.0
60	1048.0	1043.5	47,640	0	0	47,640	100.0	0.0	0.0	193,780	0	0	193,780	100.0	0.0	0.0
61	1043.5	1039.0	30,240	0	0	30,240	100.0	0.0	0.0	120,040	0	0	120,040	100.0	0.0	0.0
62	1039.0	1034.5	10,200	0	0	10,200	100.0	0.0	0.0	40,710	0	0	40,710	100.0	0.0	0.0
Total:			5,372,460	238,620	37,800	5,648,880	95.1	4.2	0.7	18,068,230	897,930	118,470	19,084,630	94.7	4.7	0.6

CURRAGH RESOURCES INC.
GRUM DEPOSIT - NET PROFIT INTEREST - WITHIN GIV STAGE 3 PIT

27-Apr-90

Bch #	Crest	Toe	V O L U M E							T O N N E S						
			5%NPI BCM	2%NPI BCM	100% CRI BCM	Total Bch BCM	Percent 5% NPI	Percent 2% NPI	Percent 100% CRI	5%NPI	2%NPI	100% CRI	Total Bch	Percent 5% NPI	Percent 2% NPI	Percent 100% CR
Cutoff = + 6% Pb+Zn																
1	1336.0	1324.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
2	1324.0	1312.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
3	1312.0	1300.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
4	1300.0	1295.5	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
5	1295.5	1291.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
6	1291.0	1286.5	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
7	1286.5	1282.0	0	0	0	0	0.0	0.0	100.0	0	0	0	0	0.0	0.0	100.0
8	1282.0	1277.5	540	0	0	540	100.0	0.0	0.0	1,860	0	0	1,860	100.0	0.0	0.0
9	1277.5	1273.0	2,160	0	0	2,160	100.0	0.0	0.0	7,090	0	0	7,090	100.0	0.0	0.0
10	1273.0	1268.5	1,620	0	0	1,620	100.0	0.0	0.0	4,960	0	0	4,960	100.0	0.0	0.0
11	1268.5	1264.0	2,160	0	0	2,160	100.0	0.0	0.0	6,290	0	0	6,290	100.0	0.0	0.0
12	1264.0	1259.5	5,400	0	0	5,400	100.0	0.0	0.0	15,750	0	0	15,750	100.0	0.0	0.0
13	1259.5	1255.0	10,800	0	0	10,800	100.0	0.0	0.0	31,790	0	0	31,790	100.0	0.0	0.0
14	1255.0	1250.5	24,300	0	0	24,300	100.0	0.0	0.0	71,450	0	0	71,450	100.0	0.0	0.0
15	1250.5	1246.0	42,120	1,080	0	43,200	97.5	2.5	0.0	125,330	4,140	0	129,470	96.8	3.2	0.0
16	1246.0	1241.5	47,520	1,080	540	49,140	96.7	2.2	1.1	142,810	4,070	2,010	148,890	95.9	2.7	1.4
17	1241.5	1237.0	66,960	3,780	0	70,740	94.7	5.3	0.0	204,410	14,770	0	219,180	93.3	6.7	0.0
18	1237.0	1232.5	73,980	3,240	0	77,220	95.8	4.2	0.0	227,050	12,480	0	239,530	94.8	5.2	0.0
19	1232.5	1228.0	92,880	2,700	0	95,580	97.2	2.8	0.0	289,190	10,480	0	299,670	96.5	3.5	0.0
20	1228.0	1223.5	116,100	2,160	0	118,260	98.2	1.8	0.0	366,740	8,400	0	375,140	97.8	2.2	0.0
21	1223.5	1219.0	119,760	1,620	0	121,380	98.7	1.3	0.0	382,710	6,320	0	389,030	98.4	1.6	0.0
22	1219.0	1214.5	107,280	1,080	0	108,360	99.0	1.0	0.0	340,060	4,210	0	344,270	98.8	1.2	0.0
23	1214.5	1210.0	107,160	1,080	0	108,240	99.0	1.0	0.0	335,150	4,210	0	339,360	98.8	1.2	0.0
24	1210.0	1205.5	115,800	0	0	115,800	100.0	0.0	0.0	361,010	0	0	361,010	100.0	0.0	0.0
25	1205.5	1201.0	116,580	1,080	0	117,660	99.1	0.9	0.0	367,370	4,190	0	371,560	98.9	1.1	0.0
26	1201.0	1196.5	116,280	1,620	0	117,900	98.6	1.4	0.0	375,790	6,330	0	382,120	98.3	1.7	0.0
27	1196.5	1192.0	114,000	0	0	114,000	100.0	0.0	0.0	380,950	0	0	380,950	100.0	0.0	0.0
28	1192.0	1187.5	110,700	540	0	111,240	99.5	0.5	0.0	370,890	2,200	0	373,090	99.4	0.6	0.0
29	1187.5	1183.0	106,500	1,260	0	107,760	98.8	1.2	0.0	347,490	5,150	0	352,640	98.5	1.5	0.0
30	1183.0	1178.5	120,540	3,480	0	124,020	97.2	2.8	0.0	387,450	13,700	0	401,150	96.6	3.4	0.0
31	1178.5	1174.0	124,140	7,500	0	131,640	94.3	5.7	0.0	400,490	29,170	0	429,660	93.2	6.8	0.0
32	1174.0	1169.5	115,200	13,020	0	128,220	89.8	10.2	0.0	379,540	49,160	0	428,700	88.5	11.5	0.0
33	1169.5	1165.0	108,960	17,940	0	126,900	85.9	14.1	0.0	368,190	64,980	0	433,170	85.0	15.0	0.0
34	1165.0	1160.5	109,620	19,680	0	129,300	84.8	15.2	0.0	373,990	70,110	0	444,100	84.2	15.8	0.0
35	1160.5	1156.0	116,220	18,840	0	135,060	86.1	13.9	0.0	395,960	67,640	0	463,600	85.4	14.6	0.0
36	1156.0	1151.5	115,500	21,240	0	136,740	84.5	15.5	0.0	395,670	79,000	0	474,670	83.4	16.6	0.0
37	1151.5	1147.0	115,080	28,020	1,080	144,180	79.8	19.4	0.8	396,720	107,860	3,280	507,860	78.1	21.2	0.7
38	1147.0	1142.5	111,600	30,420	1,080	143,100	78.0	21.3	0.7	385,820	119,310	3,620	508,750	75.8	23.5	0.7
39	1142.5	1138.0	103,620	23,940	540	128,100	80.9	18.7	0.4	363,030	92,630	2,070	457,730	79.3	20.2	0.5
40	1138.0	1133.5	99,660	15,120	540	115,320	86.4	13.1	0.5	358,040	56,080	1,920	416,040	86.1	13.5	0.4
41	1133.5	1129.0	98,820	7,020	540	106,380	92.9	6.6	0.5	358,180	25,200	2,170	385,550	92.9	6.5	0.6
42	1129.0	1124.5	105,960	2,160	2,160	110,280	96.1	2.0	1.9	377,830	8,290	8,150	394,270	95.8	2.1	2.1
43	1124.5	1120.0	122,640	0	1,080	123,720	99.1	0.0	0.9	430,300	0	3,910	434,210	99.1	0.0	0.9
44	1120.0	1115.5	129,300	0	0	129,300	100.0	0.0	0.0	443,760	0	0	443,760	100.0	0.0	0.0
45	1115.5	1111.0	126,900	0	0	126,900	100.0	0.0	0.0	438,450	0	0	438,450	100.0	0.0	0.0
46	1111.0	1106.5	130,740	0	0	130,740	100.0	0.0	0.0	463,690	0	0	463,690	100.0	0.0	0.0

CURRAGH RESOURCES INC.
GRUM DEPOSIT - NET PROFIT INTEREST - WITHIN GIV STAGE 3 PIT

27-Apr-90

Bch #	Crest	Toe	V O L U M E							T O N N E S						
			5%NPI BCM	2%NPI BCM	100% CRI BCM	Total Bch BCM	Percent 5% NPI	Percent 2% NPI	Percent 100% CRI	5%NPI	2%NPI	100% CRI	Total Bch	Percent 5% NPI	Percent 2% NPI	Percent 100% CRI
47	1106.5	1102.0	127,980	0	0	127,980	100.0	0.0	0.0	460,920	0	0	460,920	100.0	0.0	0.0
48	1102.0	1097.5	124,140	0	0	124,140	100.0	0.0	0.0	443,070	0	0	443,070	100.0	0.0	0.0
49	1097.5	1093.0	117,840	0	0	117,840	100.0	0.0	0.0	417,660	0	0	417,660	100.0	0.0	0.0
50	1093.0	1088.5	110,040	0	0	110,040	100.0	0.0	0.0	389,690	0	0	389,690	100.0	0.0	0.0
51	1088.5	1084.0	103,980	0	0	103,980	100.0	0.0	0.0	366,330	0	0	366,330	100.0	0.0	0.0
52	1084.0	1079.5	100,440	0	0	100,440	100.0	0.0	0.0	359,220	0	0	359,220	100.0	0.0	0.0
53	1079.5	1075.0	89,760	0	0	89,760	100.0	0.0	0.0	331,460	0	0	331,460	100.0	0.0	0.0
54	1075.0	1070.5	71,640	0	0	71,640	100.0	0.0	0.0	267,530	0	0	267,530	100.0	0.0	0.0
55	1070.5	1066.0	51,780	0	0	51,780	100.0	0.0	0.0	192,830	0	0	192,830	100.0	0.0	0.0
56	1066.0	1061.5	42,240	0	0	42,240	100.0	0.0	0.0	159,560	0	0	159,560	100.0	0.0	0.0
57	1061.5	1057.0	38,040	0	0	38,040	100.0	0.0	0.0	148,470	0	0	148,470	100.0	0.0	0.0
58	1057.0	1052.5	46,380	0	0	46,380	100.0	0.0	0.0	180,400	0	0	180,400	100.0	0.0	0.0
59	1052.5	1048.0	49,740	0	0	49,740	100.0	0.0	0.0	196,040	0	0	196,040	100.0	0.0	0.0
60	1048.0	1043.5	43,860	0	0	43,860	100.0	0.0	0.0	180,070	0	0	180,070	100.0	0.0	0.0
61	1043.5	1039.0	28,200	0	0	28,200	100.0	0.0	0.0	113,900	0	0	113,900	100.0	0.0	0.0
62	1039.0	1034.5	9,840	0	0	9,840	100.0	0.0	0.0	39,640	0	0	39,640	100.0	0.0	0.0
Total:			4,611,000	230,700	7,560	4,849,260	95.1	4.8	0.1	15,720,040	870,080	27,130	16,617,250	94.6	5.2	0.2