

CURRAGH RESOURCES INC.

GRUM DEPOSIT

MODEL RESERVE COMPARISONS - WITHIN GIV STAGE 3 ULTIMATE PIT - OCTOBER 15, 1990

005046

69009 - 6m Benches, 6m bench composites, 95% mining recovery
No Dilution

68911 - 7m Benches, 7m bench composites, 95% mining recovery
No Dilution

68705 - ^{4.5m} Benches, geology composites, 95% mining recovery
Diluted 15%, Grade of Dilutant = 0% Pb+Zn

Crest	Toe	Volume	Dens	Tonnes	%Pb+Zn	Metal
m	m	cu m	mt/cu m			tonnes
CUTOFF = 3% Pb+Zn						
1287	1281	655	2.82	1,862	4.04	75
1281	1275	6,593	2.81	18,535	4.38	812
1275	1269	17,794	2.87	51,063	4.80	2,452
1269	1263	23,066	2.88	66,453	4.81	3,193
1263	1257	32,291	2.88	93,014	4.90	4,556
1257	1251	54,692	2.89	157,805	5.15	8,121
1251	1245	89,614	2.94	263,112	6.07	15,971
1245	1239	130,464	2.97	387,306	6.75	26,143
1239	1233	181,193	2.96	536,361	6.57	35,234
1233	1227	216,923	2.97	645,193	6.65	42,931
1227	1221	234,659	3.05	715,236	7.10	50,789
1221	1215	223,535	3.09	689,786	7.54	52,003
1215	1209	221,692	3.06	678,461	7.32	49,629
1209	1203	226,290	3.08	696,835	7.46	51,963
1203	1197	235,705	3.12	735,747	7.71	56,719
1197	1191	237,576	3.16	751,146	7.70	57,846
1191	1185	233,823	3.18	744,401	7.44	55,383
1185	1179	214,120	3.19	681,967	7.13	48,631
1179	1173	200,526	3.21	643,910	7.32	47,108
1173	1167	214,681	3.24	695,590	7.77	54,061
1167	1161	235,163	3.28	771,714	8.12	62,632
1161	1155	252,852	3.35	847,286	8.37	70,952
1155	1149	256,747	3.41	876,337	8.83	77,346
1149	1143	276,222	3.43	946,989	8.77	83,079
1143	1137	262,210	3.41	894,159	8.81	78,766
1137	1131	250,695	3.40	851,238	8.44	71,853
1131	1125	250,458	3.36	842,137	7.78	65,535
1125	1119	260,243	3.36	874,789	7.26	63,501
1119	1113	245,888	3.37	827,469	7.44	61,564
1113	1107	238,773	3.41	813,409	7.62	61,941
1107	1101	227,839	3.43	781,489	7.89	61,659
1101	1095	209,551	3.45	721,848	8.06	58,203
1095	1089	195,548	3.43	670,719	7.98	53,503
1089	1083	177,745	3.44	611,847	7.90	48,342
1083	1077	174,230	3.50	610,575	7.96	48,608
1077	1071	158,137	3.52	557,327	7.73	43,059
1071	1065	98,629	3.49	344,166	7.09	24,384
1065	1059	75,535	3.59	270,835	7.19	19,465
1059	1053	61,341	3.84	235,505	8.07	19,012
1053	1047	67,336	3.84	258,704	8.12	21,007
1047	1041	58,938	3.90	229,976	8.57	19,711
1041	1035	21,413	3.97	85,063	8.89	7,558

Total 7,091,385 3.29 23,177,359 7.70 1,785,301

Crest	Toe	Volume	Dens	Tonnes	%Pb+Zn	Metal
m	m	cu m	mt/cu m			tonnes
CUTOFF = 3% Pb+Zn						
1286	1279	2,309	3.05	7,020	4.66	327
1279	1272	14,611	2.95	43,045	4.20	1,806
1272	1265	25,375	2.90	73,635	4.55	3,348
1265	1258	33,060	2.90	95,751	4.70	4,503
1258	1251	71,507	2.90	207,432	5.07	10,511
1251	1244	123,016	2.97	365,541	6.24	22,806
1244	1237	178,382	2.96	528,058	6.59	34,794
1237	1230	233,738	2.99	698,127	6.54	45,644
1230	1223	267,824	3.06	818,796	7.06	57,782
1223	1216	270,997	3.10	840,389	7.44	62,491
1216	1209	262,780	3.06	803,909	7.03	56,539
1209	1202	277,201	3.10	860,386	7.17	61,681
1202	1195	281,191	3.17	891,195	7.65	68,212
1195	1188	280,003	3.21	899,717	7.65	68,855
1188	1181	257,374	3.22	827,839	7.21	59,654
1181	1174	236,056	3.28	773,424	7.21	55,779
1174	1167	261,298	3.29	858,648	7.62	65,412
1167	1160	275,101	3.32	912,855	7.95	72,572
1160	1153	287,860	3.39	976,296	8.51	83,034
1153	1146	302,946	3.48	1,054,434	9.23	97,345
1146	1139	315,628	3.44	1,086,885	8.96	97,428
1139	1132	289,028	3.42	989,159	8.71	86,126
1132	1125	287,062	3.40	975,013	7.91	77,094
1125	1118	308,474	3.39	1,044,544	7.39	77,223
1118	1111	288,439	3.37	971,033	7.30	70,905
1111	1104	267,985	3.42	915,278	7.63	69,827
1104	1097	235,524	3.46	814,663	7.99	65,067
1097	1090	229,235	3.45	789,878	7.85	62,021
1090	1083	199,348	3.46	690,593	7.65	52,817
1083	1076	196,831	3.53	694,213	7.58	52,628
1076	1069	146,167	3.57	521,883	7.53	39,308
1069	1062	87,400	3.60	315,010	7.24	22,804
1062	1055	79,943	3.80	304,038	7.51	22,833
1055	1048	80,541	3.88	312,835	8.32	26,018
1048	1041	69,388	3.95	274,274	8.68	23,802
1041	1034	20,957	4.08	85,576	8.91	7,624
1034	1027	0	0.00	0	0.00	0

Total 7,044,573 3.31 23,321,370 7.66 1,786,621

Crest	Toe	Volume	Dens	Tonnes	%Pb+Zn	Metal
m	m	cu m	mt/cu m			tonnes
CUTOFF = 3% Pb+Zn						
1291.0	1286.5	590	2.90	1,704	5.12	87
1286.5	1282.0	1,770	2.90	5,124	5.11	262
1282.0	1277.5	3,540	2.99	10,575	6.27	663
1277.5	1273.0	10,029	3.00	30,055	6.20	1,864
1273.0	1268.5	15,339	2.95	45,240	5.34	2,415
1268.5	1264.0	18,878	2.94	55,455	5.11	2,836
1264.0	1259.5	24,778	2.96	73,383	4.85	3,562
1259.5	1255.0	35,987	2.97	106,868	5.09	5,443
1255.0	1250.5	51,326	2.95	151,289	5.61	8,480
1250.5	1246.0	74,334	2.99	222,302	6.11	13,593
1246.0	1241.5	98,522	3.02	297,335	6.07	18,052
1241.5	1237.0	126,249	3.06	385,860	6.48	25,000
1237.0	1232.5	134,509	3.06	411,097	6.49	26,689
1232.5	1228.0	155,157	3.09	479,400	6.56	31,440
1228.0	1223.5	184,654	3.13	577,616	6.64	38,344
1223.5	1219.0	194,487	3.15	612,095	6.72	41,133
1219.0	1214.5	186,424	3.13	583,056	6.51	37,960
1214.5	1210.0	181,355	3.10	562,495	6.33	35,599
1210.0	1205.5	180,208	3.10	558,038	6.34	35,365
1205.5	1201.0	184,272	3.12	575,147	6.72	38,645
1201.0	1196.5	184,720	3.18	586,487	7.30	42,834
1196.5	1192.0	178,121	3.24	577,747	7.63	44,070
1192.0	1187.5	169,163	3.26	551,133	7.44	40,990
1187.5	1183.0	168,453	3.20	538,974	6.95	37,447
1183.0	1178.5	178,493	3.19	570,012	7.06	40,233
1178.5	1174.0	188,642	3.22	607,496	7.19	43,655
1174.0	1169.5	183,496	3.27	599,236	7.54	45,193
1169.5	1165.0	188,904	3.31	625,806	7.88	49,297
1165.0	1160.5	207,783	3.32	688,701	7.83	53,892
1160.5	1156.0	213,081	3.32	707,175	8.00	56,599
1156.0	1151.5	210,000	3.35	702,729	8.41	59,096
1151.5	1147.0	213,092	3.39	723,311	8.65	62,538
1147.0	1142.5	220,816	3.40	751,454	8.38	62,939
1142.5	1138.0	222,335	3.38	751,924	7.97	59,892
1138.0	1133.5	214,895	3.39	727,485	7.95	57,832
1133.5	1129.0	211,792	3.37	714,069	7.92	56,567
1129.0	1124.5	228,857	3.33	761,735	7.56	57,581
1124.5	1120.0	239,279	3.32	793,767	7.51	59,643
1120.0	1115.5	230,856	3.29	758,927	7.51	57,032
1115.5	1111.0	219,516	3.31	727,059	7.85	57,096
1111.0	1106.5	212,524	3.38	718,952	8.39	60,286
1106.5	1102.0	200,802	3.42	686,822	8.98	61,659
1102.0	1097.5	183,464	3.43	628,297	8.97	56,355
1097.5	1093.0	175,914	3.41	600,045	8.38	50,279
1093.0	1088.5	165,951	3.42	567,139	8.13	46,096
1088.5	1084.0	154,687	3.40	525,864	7.96	41,877
1084.0	1079.5	148,951	3.43	510,853	7.75	39,567
1079.5	1075.0	136,005	3.50	475,740	7.55	35,937
1075.0	1070.5	107,240	3.56	381,687	7.62	29,094
1070.5	1066.0	75,798	3.56	270,142	7.58	20,467

1066.0	1061.5	64,578	3.61	233,107	7.25	16,899
1061.5	1057.0	62,272	3.68	229,305	7.52	17,246
1057.0	1052.5	66,129	3.74	247,571	8.24	20,404
1052.5	1048.0	63,649	3.86	245,649	8.66	21,273
1048.0	1043.5	55,783	4.02	224,247	9.62	21,567
1043.5	1039.0	37,484	3.88	145,259	8.81	12,790
1039.0	1034.5	12,662	3.90	49,370	9.95	4,910

Total: 7,858,593 3.30 25,949,410 7.59 1,968,563