

019953

Curragh Resources Inc.  
 September Month to Date Ore Reconciliation  
 Reserves Within Drilled Limits - September 7 1989

Source	Cat.	*****Blasthole*****			*****FB908 Model*****		
		Tonnes	%Pb+Zn	metal	Tonnes	%Pb+Zn	metal
S3610	+7%	93,607	10.52	9,847	119,590	9.536	11,404
	5-7%	18,738	7.61	1,427	21,340	6.046	1,290
	4-5%	7,564	4.07	308	11,470	4.17	478
	3-4%	2,000	3.50	70	4,440	1.67	108
	.01-3%	36,000	2.44	734	3,070	2.57	79
	+5%	112,365	10.03	11,275	140,930	9.01	12,694
	+4%	119,929	9.66	11,583	152,400	8.64	13,173
+3%	121,929	9.56	11,653	158,840	8.36	13,280	
Remaining: 3610	+7%				97,270	9.88	9,605
	5-7%				12,660	6.16	780
	4-5%				0	0.00	0
	3-4%				5,000	3.90	195
	.01-3%				0	0.00	0
	+5%				109,930	9.45	10,385
	+4%				109,930	9.45	10,385
+3%				114,930	9.21	10,580	

Comments

FB908 underpredicting grade and overpredicting tonnes. Difference arises from a thin lowgrade 2ec band trending NW-SE through center of bench. Interpretation shows thin low grade 2ec band. However, since grade was interpolated into 2ec (unit 40) matching surrounding high grade 2eg and 2ef, grade was overestimated for this band.

This result underscores the fact that because the FB908 model is a more highly averaged model than the FB805 model, grade reconciliations over limited volumes (ie individual blasts) will likely show higher variances.

Therefore, it is too early to panic at the higher metal content predicted in the limited volume mined so far on this bench.

This problem of overpredicting grade in unit 40 will be watched closely.



Comments

19,930 tonne difference in crushed ore vs net balance represents gain to crushed ore bins  
Therefore bulk of higher grade material crushed Sept 6 - 7 would not have reached circuits yet

Sept 8 - 9 feed from blastholes 24400 tonnes at 8.64 %Pb+Zn. Blend is 2 : 1 (Pit : Medium stkp)

Head grades will approach 8.5% on Sept 8 and remain at this level for remainder of month.

As of 12:00 noon Sept 8, 70,000 tonnes high grade remain broken - only 36000 tonnes at 9.9% mined to date on 3610

3610 bench expected to be mined out in 10 days time releasing another 170,000 tonnes +9.5% ore  
I believe this number to be conservative - based on subgrade assays and visit to pit, grades will average slightly over 10% and actual ore release will be 190 to 200 thousand tonnes.

Access to 3590 bench currently being developed. Expected ore release date on this bench  
is Sept 18 at current production levels. 200,000 tonnes +9% available on this bench.  
Assuming no stockpile blending of pit ore and 13000 tonnes per day millfeed, high grade stockpiles  
will contain 45,000 tonnes of +9.5% ore by sept 18 giving at least a 4 day buffer of 8.5% feed.

Production levels must be watched closely. Should production IN S PHASE fall behind by greater than  
1 week, millfeed targets will not be achieved in September.

I believe falling this far behind is possible if there is a major reduction  
in shovel or drill availability.

Possible contingencies include blending of pit ore with low grade stockpiles to conserve  
+5% feed. Maintaining production levels in S phase highest priority - any increase  
in productivity over plan greatly reduces risk of ore gap. Pit mapping and prudent compilation of  
blasthole data should be carried out to minimize surprises. Occasional production drilling  
down to next bench to test ore footwall location. Sampling of subgrade should continue.

Looking ahead for the remainder of 1989, I believe the f8908 model is conservative and millfeed  
targets will be met if planned production levels are achieved.

**CURRAGH RESOURCES INC.**  
**PRIMARY CRUSHER FEED CONTROL**

Date: 08-SEP-89

Available Feed as of: 8:00 AM

Source	Tonnes	Pb%	Zn%	Fe%	Ag g/t	Type
CR Stockpile	3,669	5.06	6.25	27.4	67	2ef/eg/abcd
B Stockpile	14,909	3.84	5.79	22.0	49	2ef/eg/abcd
M Stockpile	88,669	2.29	3.80	30.8	31	2ef/bcd/ec
LgA Stockpile	816,085	1.97	2.72	31.0	29	2ef/abcd/ec
LgC Stockpile	380,292	1.62	3.04	15.0	24	2a
S 3610 all	42,317	4.31	6.28	27.2	53	2ef/eg/abcd
<b>Total</b>	<b>1,345,941</b>	<b>2.00</b>	<b>3.04</b>	<b>26.2</b>	<b>29</b>	

Forecast Feed: Next 24 Hours

Source	Tonnes	Pb%	Zn%	Fe%	Ag g/t	Type
B 3610 CC	2	4.36	5.83	25.8	56	as above
M Stockpile	1	2.29	3.80	30.8	31	"
<b>Total</b>	<b>3</b>	<b>3.67</b>	<b>5.15</b>	<b>27.5</b>	<b>48</b>	

Actual Pit Ore Production: Preceding 24 Hours

Source	Date	Tonnes	Pb%	Zn%	Fe%	Ag	Type
S 3610 CC/EE	SEP 07	13,698	4.09	5.59	23.5	56	2EF/EG/EE
<b>Total</b>		<b>13,698</b>	<b>4.09</b>	<b>5.59</b>	<b>23.5</b>	<b>56</b>	

Actual Crusher Feed: Preceding 24 Hours

Source	Date	Tonnes	Pb%	Zn%	Fe%	Ag	Type
B Stockpile	Sep 07	7,452	4.09	5.59	23.5	56	As Above
M Stockpile		3,949	2.29	3.80	30.8	31	
LA Stockpile							
<b>Total Crusher Feed</b>		<b>11,401</b>	<b>3.46</b>	<b>4.97</b>	<b>26.0</b>	<b>47</b>	
Total to (from) CR S.P.		254	4.09	5.59	23.5	56	
Total to (from) B S.P.		6,246	4.09	5.59	23.5	56	
Total to (from) M S.P.		(3,949)					

Remarks: Truck count reports 15193 t. to B, 254 t. to CR, 878 t. to LgA, and 57885 t. to waste.

*Crse SP = 5965 t @ 3.46 / 4.51 / 31*

CURRAGH RESOURCES

Faro Concentrator Daily Production Report

Date: 05-Sep-89

Crushing

	Primary Feed (trucks)	P.O.B. Feed (tonnes)	B.H.P. #3/1' (%)
Daily	102.00	1,837.00	31.10
MTD	1,016.00	54,806.00	23.07

Grinding

	Daily	MTD
BMP Moisture (%)	1.80	1.55
% Operating	99.17%	92.72
Plot Feed +100# (%)	8.50	8.39
Plot Feed -200# (%)	80.20	77.85

Metallurgical Balance - Day

Stream	tonnes	ASSAYS				DISTRIBUTION (%)			
		% Pb	% Zn	% Fe	Ag g/t	Pb	Zn	Fe	Ag
Flotation Feed	16,212.39	2.99	4.56	27.60	38.00	100.00	100.00	100.00	100.00
Lead Concentrate	533.62	59.30	5.61	9.01	475.60	74.46	4.62	1.23	45.93
Lead Tailings	13,578.76	0.79	4.82	26.33	20.99	25.94	95.38	98.77	53.07
Zinc Concentrate	1,031.77	2.55	49.37	11.80	60.00	6.19	78.50	3.10	11.46
Zinc Tailings	12,646.99	0.65	0.86	29.67	17.77	19.34	15.78	95.67	41.61

Metallurgical Balance - MTD

Stream	tonnes	ASSAYS				DISTRIBUTION (%)			
		% Pb	% Zn	% Fe	Ag g/t	Pb	Zn	Fe	Ag
Flotation Feed	75,979.70	2.70	4.12	30.27	33.92	100.00	100.00	100.00	100.00
Lead Concentrate	2,563.99	60.45	6.65	8.01	491.56	72.83	4.45	0.86	47.04
Lead Tailings	75,415.70	0.76	4.07	31.02	18.57	27.17	95.55	99.14	52.96
Zinc Concentrate	5,163.41	2.34	49.39	11.33	54.45	5.68	78.29	2.45	10.50
Zinc Tailings	71,252.29	0.64	0.79	32.45	15.97	21.48	17.26	96.69	42.46

Concentrate Handling

	Daily		MTD		YTD	
	Lead	Zinc	Lead	Zinc	Lead	Zinc
Loaded Out - VMT	478.39	1,049.99	2,816.68	6,328.52	118,479	238,580
- DMT	446.82	968.09	2,629.17	5,738.91	111,445	221,113
Loaded Out - Grade	68.57	49.77	59.00	60.06	58.91	49.79
Loaded Out - % H2O	8.60	7.80	6.62	7.86	5.94	7.32

39000 tonnes from 3610 bench mined to date  
 most feed from M stockpile

Date: 06-Sep-89

CURRAGH RESOURCES INC.  
 Month to Date Production Summary

SENT BY: Curragh Resources, Inc.; 7-80-89; 3:39PM; Faro Mine - CURRAGH Whitehorse #7

Date	Tonnes	Ore Type	Feed				Tonnes	Pb Concentrate			Tonnes	Zn Concentrate			Recoveries			Leadout - DWT		Incident
			Pb	Zn	Fe	Ag		Pb	Zn	Ag		Pb	Zn	Fe	Pb	Zn	Ag (to Pb)	Pb	Zn	Pt
01-Sep	12,177.04	2EP/BCD/R	2.37	4.06	28.60	32.00	389.06	57.05	4.53	469.09	764.82	2.02	59.24	10.30	73.61	79.02	45.81	283.34	1,813.50	6.48
02-Sep	12,667.84	2ED/EP/BCD	2.57	3.18	32.40	34.00	379.61	61.54	4.71	560.04	714.67	2.07	49.24	11.30	73.91	77.61	49.22	488.23	948.41	7.00
03-Sep	14,654.56	2EP/BO/BC	2.62	4.44	32.40	36.00	437.45	61.86	5.32	555.04	994.24	2.54	48.96	11.60	72.76	82.22	46.02	540.38	916.79	5.98
04-Sep	13,953.40	2EP/PO/BCD	2.61	4.40	32.70	25.00	395.20	61.94	5.71	449.08	836.04	2.23	50.89	10.70	71.98	81.41	52.38	532.11	810.68	7.20
05-Sep	12,204.65	2EP/BO/BCD	2.45	4.22	27.70	37.00	436.05	54.61	6.84	455.00	752.05	2.53	47.55	12.60	70.08	70.19	43.33	446.30	921.14	6.60
06-Sep	14,212.38	2EP/BO/BCD	2.49	4.56	27.60	31.00	521.62	59.30	5.61	475.08	1,031.77	2.55	49.27	11.30	74.46	78.69	46.93	446.82	968.49	6.60
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MTD	98,979.70		2.70	4.12	30.27	33.92	2,563.39	60.48	5.65	491.56	5,163.43	2.34	49.49	11.33	72.43	76.19	47.04	2,629.17	5,738.91	6.62
YTD	2,992,713		2.92	4.63	32.63	31.82	109,247	59.59	5.50	414.87	212,907	2.12	49.32	11.09	77.11	76.78	47.52	111,445	221,113	5.94

