

URGENT  AS SOON AS POSSIBLE  ~~13415~~

007143

FROM Peter Hedwidge

DEPT. Geology

COPY TO P. Tully, P. Tenney, B. Dunn

DATE 23/11/90

SUBJECT Vangorda Float Samples

SEND TO Gordon Wilson  
Chief Metallurgist

MESSAGE

I have delivered the following samples:

- F-90-PL-02 - Medium grade Faro stockpile
- HH-83, <sup>NON F.</sup> GG-90 - Drill cuttings, 1134 bench - assumed "refractory" <sup>YES</sup> baritic ore (Vangorda)
- QQ-79 - Drill cuttings, 1134 bench - assumed "non refractory" baritic ore (Vangorda)
- 90-PL-20 <sup>GOOD</sup> - chip sample between JJ-97 to JJ-90 on 1140 floor - non refractory (Vangorda) baritic ore.
- 90-PL-21 <sup>GOOD</sup> - chip sample between JJ-90 to V-90-DT-13 (near NN-83) on 1140 floor non-refractory (Vangorda) baritic ore.

Bill you should get results by tomorrow for all except PL-20,21 which will be done by Sunday.

4S500E - 1	← SPEEDIMEMO →	REPLY FROM	DATE
MOORE SPEEDIPLY - 1 - MOORE CLEAN PRINT PATENTED 1963-1966			

LIFT THIS SHEET TO REMOVE (RETAIN FOR YOUR FOLLOW-UP)

GG 90 - SHOWED 'GOOD' - NOT REF. ORE AS F

/015 ATTENTION BILL DUNN :

FROM : CURRAGH RESOURCES INC.  
METALLURGICAL DEPARTMENT

NOVEMBER 24TH/90

GEOLOGICAL SAMPLE EVALUATION

SAMPLE DESCRIPTION	TEST NUMBER	HEAD GRADE IN PERCENT				RESULTS
		Pb	Zn	Fe	Cu	
V-90-PL-20	D89	5.67	7.09	25.8	0.22	GOOD
V-90-PL-21	D88	7.54	6.29	18.1	0.18	GOOD

Nov 24 11 am.

Attention: Bill Dunn

# RUSH RESULTS

CURRACH RESOURCES INC.  
METALLURGICAL DEPARTMENT

## GEOLOGICAL SAMPLE EVALUATION

SAMPLE DESCRIPTION	TEST NUMBER	HEAD GRADE (%)				RESULTS
		Pb	Zn	Fe	Cu	
Q079	D85	4.59	4.74	38	0.18	GOOD
CC90	D86	3.69	4.17	31.2	0.21	GOOD
HH83	D87	2.47	2.45	31.6	0.33	POOR      REFRACTORY ORE

CURRAGH RESOURCES  
LABORATORY FLOTATION TEST METALLURGICAL BALANCE

PROJECT: VANGORDA TESTWORK  
OBJECT: 0079

TEST #: D85

DATE: NOVEMBER 23, 1990

PRODUCT	MASS		ASSAY					SULPHIDE TOTAL (%)	DISTRIBUTION (%)				
	g	%	%Pb	%Zn	%Fe	g/t Ag	%Cu		Pb	Zn	Fe	Ag	Cu
Pb 1	174.64	8.7	39.60	8.05	15.30	0.00	0.94	89.7	75.3	14.8	3.5	ERR	44.9
Pb 2	43.52	2.2	17.00	11.40	285.80	0.00	0.71	647.2	8.1	5.2	16.3	ERR	8.4
Pb 3	27.15	1.4	8.58	10.20	30.70	0.00	0.47	89.9	2.5	2.9	1.1	ERR	3.5
Pb 4	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
Pb 5	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
CUMULATIVE:													
Pb 1	174.6	8.7	39.60	8.05	15.30	0.00	0.94	89.7	75.3	14.8	3.5	ERR	44.9
Pb 1+2	218.2	10.9	35.09	8.72	69.26	0.00	0.89	200.9	83.4	20.1	19.9	ERR	53.3
Pb 1+2+3	245.3	12.3	32.16	8.88	64.99	0.00	0.85	188.6	85.9	23.0	21.0	ERR	56.8
Pb 1+2+3+4	245.3	12.3	32.16	8.88	64.99	0.00	0.85	188.6	85.9	23.0	21.0	ERR	56.8
Pb 1+2+3+4+5	245.3	12.3	32.16	8.88	64.99	0.00	0.85	188.6	85.9	23.0	21.0	ERR	56.8
PB SCAV TAIL	1754.7	87.7	0.74	4.16	34.28	0.00	0.09	80.0	14.1	77.0	79.0	ERR	43.2
PRODUCT:													
ZN 1	217.68	10.9	1.64	29.80	21.80	0.00	0.14	90.3	3.9	68.5	6.2	ERR	8.3
ZN 2	99.84	5.0	2.21	2.48	38.10	0.00	0.27	87.6	2.4	2.6	5.0	ERR	7.4
Zn 3	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
Zn 4	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
Zn 5	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
CUMULATIVE:													
ZN 1	217.7	10.9	1.64	29.80	21.80	0.00	0.14	90.3	3.9	68.5	6.2	ERR	8.3
Zn 1+2	317.5	15.9	1.82	21.21	26.93	0.00	0.18	89.4	6.3	71.1	11.2	ERR	15.7
Zn 1+2+3	317.5	15.9	1.82	21.21	26.93	0.00	0.18	89.4	6.3	71.1	11.2	ERR	15.7
Zn 1+2+3+4	317.5	15.9	1.82	21.21	26.93	0.00	0.18	89.4	6.3	71.1	11.2	ERR	15.7
Zn 1+2+3+4+5	317.5	15.9	1.82	21.21	26.93	0.00	0.18	89.4	6.3	71.1	11.2	ERR	15.7
Zn SCAV TAIL	1437.17	71.9	0.50	0.39	35.90	0.00	0.07	77.9	7.8	5.9	67.8	ERR	27.5
FEED (CALC.)	2000.0	100.0	4.59	4.74	38.04	0.00	0.18	93.3	100.0	100.0	100.0	ERR	100.0

CURRACH RESOURCES  
LABORATORY FLOTATION TEST METALLURGICAL BALANCE

PROJECT: VANGORDA TESTWORK  
OBJECT: GC90

TEST #: D86

DATE: NOVEMBER 23, 1990

PRODUCT	MASS		ASSAY					SULPHIDE TOTAL (%)	DISTRIBUTION (%)				
	g	%	%Pb	%Zn	%Fe	g/t Ag	%Cu		Pb	Zn	Fe	Ag	Cu
Pb 1	87.23	4.4	43.80	6.87	11.60	0.00	2.05	85.0	51.7	7.2	1.6	ERR	42.0
Pb 2	61.99	3.1	30.60	9.99	19.30	0.00	0.55	90.6	25.7	7.4	1.9	ERR	5.0
Pb 3	29.19	1.5	12.40	9.22	27.80	0.00	0.49	86.7	4.9	3.2	1.3	ERR	3.4
Pb 4	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
Pb 5	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
CUMULATIVE:													
Pb 1	87.2	4.4	43.80	6.87	11.60	0.00	2.05	85.0	51.7	7.2	1.6	ERR	42.0
Pb 1+2	149.2	7.5	38.32	8.17	14.80	0.00	1.43	87.3	77.4	14.6	3.5	ERR	50.0
Pb 1+2+3	178.4	8.9	34.08	8.34	16.93	0.00	1.27	87.2	82.3	17.9	4.8	ERR	53.3
Pb 1+2+3+4	178.4	8.9	34.08	8.34	16.93	0.00	1.27	87.2	82.3	17.9	4.8	ERR	53.3
Pb 1+2+3+4+5	178.4	8.9	34.08	8.34	16.93	0.00	1.27	87.2	82.3	17.9	4.8	ERR	53.3
PB SCAV TAIL	1821.6	91.1	0.72	3.76	32.59	0.00	0.11	75.8	17.7	82.1	95.2	ERR	46.7
PRODUCT:													
Zn 1	180.10	9.0	1.66	31.50	18.20	0.00	0.21	85.0	4.0	68.1	5.3	ERR	3.9
Zn 2	95.94	4.8	2.80	3.84	35.30	0.00	0.39	84.2	3.6	4.4	5.4	ERR	8.2
Zn 3	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
Zn 4	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
Zn 5	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
CUMULATIVE:													
Zn 1	180.1	9.0	1.66	31.50	18.20	0.00	0.21	85.0	4.0	68.1	5.3	ERR	3.9
Zn 1+2	276.0	13.8	2.06	21.89	24.14	0.00	0.27	84.7	7.7	72.5	10.7	ERR	17.7
Zn 1+2+3	276.0	13.8	2.06	21.89	24.14	0.00	0.27	84.7	7.7	72.5	10.7	ERR	17.7
Zn 1+2+3+4	276.0	13.8	2.06	21.89	24.14	0.00	0.27	84.7	7.7	72.5	10.7	ERR	17.7
Zn 1+2+3+4+5	276.0	13.8	2.06	21.89	24.14	0.00	0.27	84.7	7.7	72.5	10.7	ERR	17.7
Zn SCAV TAIL	1545.55	77.3	0.48	0.52	34.10	0.00	0.08	74.3	10.0	9.6	84.5	ERR	29.0
FEED (CALC.)	2000.0	100.0	3.68	4.17	31.19	0.00	0.21	76.9	100.0	100.0	100.0	ERR	100.0

CURRAGH RESOURCES  
LABORATORY FLOTATION TEST METALLURGICAL BALANCE

PROJECT: VANGORDA TESTWORK  
OBJECT: HH83

TEST #: D87

DATE: NOVEMBER 23, 1990

PRODUCT	MASS		ASSAY					SULPHIDE TOTAL (%)	DISTRIBUTION (%)				
	g	%	%Pb	%Zn	%Fe	g/t Ag	%Cu		Pb	Zn	Fe	Ag	Cu
Pb 1	60.79	3.0	21.10	7.41	22.20	0.00	3.00	82.2	26.0	9.2	2.1	ERR	27.5
Pb 2	80.52	4.0	11.30	16.10	21.20	0.00	1.69	81.0	18.4	26.4	2.7	ERR	20.6
Pb 3	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
Pb 4	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
Pb 5	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
CUMULATIVE:													
Pb 1	60.8	3.0	21.10	7.41	22.20	0.00	3.00	82.2	26.0	9.2	2.1	ERR	27.5
Pb 1+2	141.3	7.1	15.52	12.36	21.63	0.00	2.25	81.5	44.4	35.6	4.8	ERR	48.1
Pb 1+2+3	141.3	7.1	15.52	12.36	21.63	0.00	2.25	81.5	44.4	35.6	4.8	ERR	48.1
Pb 1+2+3+4	141.3	7.1	15.52	12.36	21.63	0.00	2.25	81.5	44.4	35.6	4.8	ERR	48.1
Pb 1+2+3+4+5	141.3	7.1	15.52	12.36	21.63	0.00	2.25	81.5	44.4	35.6	4.8	ERR	48.1
PB SCAV TAIL	1858.7	92.9	1.48	1.70	32.30	0.00	0.18	73.2	55.6	64.4	95.2	ERR	51.9
PRODUCT:													
ZN 1	159.04	8.0	7.69	16.50	24.60	0.00	0.58	84.6	24.8	53.5	6.2	ERR	13.9
ZN 2	65.90	3.3	3.54	1.45	36.00	0.00	0.59	83.2	4.7	1.9	3.8	ERR	5.9
Zn 3	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
Zn 4	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
Zn 5	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	ERR	0.0
CUMULATIVE:													
ZN 1	159.0	8.0	7.69	16.50	24.60	0.00	0.58	84.6	24.8	53.5	6.2	ERR	13.9
Zn 1+2	224.9	11.2	6.47	12.09	27.94	0.00	0.58	84.2	29.5	55.4	10.0	ERR	19.8
Zn 1+2+3	224.9	11.2	6.47	12.09	27.94	0.00	0.58	84.2	29.5	55.4	10.0	ERR	19.8
Zn 1+2+3+4	224.9	11.2	6.47	12.09	27.94	0.00	0.58	84.2	29.5	55.4	10.0	ERR	19.8
Zn 1+2+3+4+5	224.9	11.2	6.47	12.09	27.94	0.00	0.58	84.2	29.5	55.4	10.0	ERR	19.8
Zn SCAV TAIL	1633.75	81.7	0.79	0.27	32.90	0.00	0.13	71.7	26.1	9.0	85.2	ERR	32.1
FEED (CALC.)	2000.0	100.0	2.47	2.45	31.55	0.00	0.33	73.8	100.0	100.0	100.0	ERR	100.0