

006526

CURRACH RESOURCES  
LABORATORY FLOTATION TEST METALLURGICAL BALANCE

PROJECT: VANGORDA TESTWORK P-33

TEST #: D6

DATE: OCTOBER 31, 1990

OBJECT:

PRODUCT	MASS		ASSAY					SULPHIDE TOTAL (%)	DISTRIBUTION (%)				
	g	%	%Pb	%Zn	%Fe	g/t Ag	%Cu		Pb	Zn	Fe	Ag	Cu
Pb 1	227.40	11.1	46.10	8.82	14.20	0.00	0.20	95.9	75.7	18.7	5.8	ERR	10.8
Pb 2	80.67	3.9	16.00	10.10	28.50	0.00	0.56	92.4	8.7	7.6	4.2	ERR	10.7
Pb 3	54.83	2.7	10.10	9.26	31.10	0.00	0.88	91.2	4.0	4.7	3.1	ERR	11.4
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	227.4	11.1	46.10	8.82	14.20	0.00	0.20	95.9	75.7	18.7	5.8	ERR	10.8
Pb 1+2	308.1	15.1	37.96	9.16	17.94	0.00	0.29	95.0	84.5	26.3	10.0	ERR	21.5
Pb 1+2+3	362.9	17.7	33.75	9.17	19.93	0.00	0.38	94.4	88.5	31.0	13.1	ERR	32.9
Pb 1+2+3+4	362.9	17.7	33.75	9.17	19.93	0.00	0.38	94.4	88.5	31.0	13.1	ERR	32.9
Pb 1+2+3+4+5	362.9	17.7	33.75	9.17	19.93	0.00	0.38	94.4	88.5	31.0	13.1	ERR	32.9
PB SCAV TAIL	1632.7	82.3	0.95	4.40	28.50	0.00	0.17	68.4	11.5	69.0	86.9	ERR	67.1
PRODUCT:													
Zn 1	89.68	4.4	1.32	50.00	9.84	0.00	0.20	92.6	0.9	41.8	1.6	ERR	4.2
Zn 2	60.75	3.0	2.43	29.60	20.60	0.00	0.33	88.4	1.1	16.8	2.3	ERR	4.8
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	89.7	4.4	1.32	50.00	9.84	0.00	0.20	92.6	0.9	41.8	1.6	ERR	4.2
Zn 1+2	150.4	7.4	1.77	41.76	14.19	0.00	0.25	90.9	1.9	58.6	3.9	ERR	9.0
Zn 1+2+3	150.4	7.4	1.77	41.76	14.19	0.00	0.25	90.9	1.9	58.6	3.9	ERR	9.0
Zn 1+2+3+4	150.4	7.4	1.77	41.76	14.19	0.00	0.25	90.9	1.9	58.6	3.9	ERR	9.0
Zn 1+2+3+4+5	150.4	7.4	1.77	41.76	14.19	0.00	0.25	90.9	1.9	58.6	3.9	ERR	9.0
Zn SCAV TAIL	1632.25	74.9	0.87	0.73	30.00	0.00	0.16	66.2	9.6	10.4	83.1	ERR	58.1
FEED (CALC.)	2045.6	100.0	6.77	5.24	27.05	0.00	0.21	73.0	100.0	100.0	100.0	ERR	100.0

CURRACH RESOURCE  
LABORATORY FLOTATION TEST METALLURGICAL BALANCE

PROJECT: VANGOROA TESTWORK - R 27  
OBJECT:

TEST #: 07

DATE: OCTOBER 31, 1990

PRODUCT	NABB		ABBAY					SULPHIDE TOTAL (%)	DISTRIBUTION (%)				
	g	%	%Pb	%Zn	%Fe	g/t Ag	%Cu		Pb	Zn	Fe	Ag	Cu
Pb 1	254.31	12.5	53.30	8.84	10.80	0.00	0.38	97.0	80.0	17.4	5.0	BBB	26.8
Pb 2	113.96	5.6	16.30	12.00	27.60	0.00	0.72	94.7	11.0	10.6	5.7	BBB	22.7
Pb 3	46.34	2.3	0.96	11.50	30.60	0.00	0.74	82.7	0.3	4.1	2.6	BBB	9.5
Pb 4	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	BBB	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	BBB	0.0

CUMULATIVE:

Pb 1	254.3	12.5	53.30	8.84	10.80	0.00	0.38	97.0	80.0	17.4	5.0	BBB	26.8
Pb 1+2	368.3	18.1	41.85	9.82	16.00	0.00	0.49	96.2	91.0	28.0	10.7	BBB	49.5
Pb 1+2+3	414.6	20.4	37.28	10.01	17.63	0.00	0.51	94.7	91.2	32.1	13.2	BBB	59.0
Pb 1+2+3+4	414.6	20.4	37.28	10.01	17.63	0.00	0.51	94.7	91.2	32.1	13.2	BBB	59.0
Pb 1+2+3+4+5	414.6	20.4	37.28	10.01	17.63	0.00	0.51	94.7	91.2	32.1	13.2	BBB	59.0
PB BCAF TAIL	1616.7	79.6	0.92	5.43	29.66	0.00	0.09	72.1	8.8	67.9	86.8	BBB	41.0

PRODUCT:

2N 1	124.54	6.1	1.24	51.60	9.18	0.00	0.14	93.4	0.9	49.7	2.1	BBB	4.8
2N 2	92.46	4.6	2.60	19.00	26.30	0.00	0.20	85.9	1.4	13.6	4.4	BBB	5.1
2n 3	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	BBB	0.0
2n 4	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	BBB	0.0
2n 5	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	BBB	0.0

CUMULATIVE:

2N 1	124.5	6.1	1.24	51.60	9.18	0.00	0.14	93.4	0.9	49.7	2.1	BBB	4.8
2n 1+2	217.0	10.7	1.82	37.71	16.47	0.00	0.17	90.2	2.3	63.3	6.5	BBB	10.0
2n 1+2+3	217.0	10.7	1.82	37.71	16.47	0.00	0.17	90.2	2.3	63.3	6.6	BBB	10.0
2n 1+2+3+4	217.0	10.7	1.82	37.71	16.47	0.00	0.17	90.2	2.3	63.3	6.5	BBB	10.0
2n 1+2+3+4+5	217.0	10.7	1.82	37.71	16.47	0.00	0.17	90.2	2.3	63.3	6.5	BBB	10.0
2n BCAF TAIL	1399.73	68.9	0.78	0.42	31.70	0.00	0.08	69.3	6.4	4.6	80.3	BBB	31.0
PEBO (CALC.)	2031.3	100.0	8.34	6.36	27.20	0.00	0.18	76.7	100.0	100.0	100.0	BBB	100.0

CURRAGE RESOURCES  
LABORATORY FLOTATION TEST METALLURGICAL BALANCE

PROJECT: VANGORDA TESTWORK 033  
OBJECT:

TEST #: DB

DATE: OCTOBER 31, 1990

PRODUCT	MASS		ASSAY					SULPHIDE TOTAL (%)	DISTRIBUTION (%)				
	g	%	%Pb	%Zn	%Fe	g/t Ag	%Cu		Pb	Zn	Fe	Ag	Cu
Pb 1	205.89	10.5	<u>38.20</u>	13.20	12.90	0.00	0.66	90.1	<u>82.1</u>	20.2	7.3	BBB	49.9
Pb 2	87.41	4.4	<u>9.65</u>	20.30	20.80	0.00	0.55	84.1	<u>8.8</u>	13.2	5.0	BBB	17.7
Pb 3	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	BBB	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	BBB	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	BBB	0.0
CUMULATIVE:													
Pb 1	205.9	10.5	<u>38.20</u>	13.20	12.90	0.00	0.66	90.1	<u>82.1</u>	20.2	7.3	BBB	49.9
Pb 1+2	293.3	14.9	<u>29.69</u>	15.32	15.25	0.00	0.63	88.3	<u>90.9</u>	33.3	12.3	BBB	67.6
Pb 1+2+3	293.3	14.9	<u>29.69</u>	15.32	15.25	0.00	0.63	88.3	<u>90.9</u>	33.3	12.3	BBB	67.6
Pb 1+2+3+4	293.3	14.9	<u>29.69</u>	15.32	16.26	0.00	0.63	88.3	<u>90.9</u>	33.3	12.3	BBB	67.6
Pb 1+2+3+4+5	293.3	14.9	<u>29.69</u>	16.32	15.26	0.00	0.63	88.3	<u>90.9</u>	33.3	12.3	BBB	67.6
PB SCAV TAIL	1671.1	85.1	0.62	5.38	19.07	0.00	0.05	48.9	9.1	66.7	87.7	BBB	32.4
PRODUCT:													
Zn 1	150.86	7.7	0.98	<u>48.30</u>	7.60	0.00	0.11	86.1	1.5	<u>54.1</u>	3.2	BBB	6.1
Zn 2	121.49	6.2	1.51	9.17	28.30	0.00	0.13	75.2	1.9	8.3	9.6	BBB	6.8
Zn 3	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	BBB	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	BBB	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	BBB	0.0
CUMULATIVE:													
Zn 1	150.9	7.7	<u>0.98</u>	<u>48.30</u>	7.60	0.00	0.11	85.1	1.6	<u>54.1</u>	3.2	BBB	6.1
Zn 1+2	272.4	13.9	<u>1.22</u>	<u>30.84</u>	16.83	0.00	0.12	80.6	3.5	<u>62.3</u>	12.6	BBB	11.9
Zn 1+2+3	272.4	13.9	<u>1.22</u>	<u>30.84</u>	16.83	0.00	0.12	80.6	3.5	<u>62.3</u>	12.6	BBB	11.9
Zn 1+2+3+4	272.4	13.9	<u>1.22</u>	<u>30.84</u>	16.83	0.00	0.12	80.6	3.5	<u>62.3</u>	12.6	BBB	11.9
Zn 1+2+3+4+5	272.4	13.9	<u>1.22</u>	<u>30.84</u>	16.83	0.00	0.12	80.6	3.5	<u>62.3</u>	12.6	BBB	11.9
Zn SCAV TAIL	1398.76	71.2	<u>0.39</u>	<u>0.42</u>	19.50	0.00	0.04	42.8	5.7	4.4	75.1	BBB	20.5
FEED (CALC.)	1964.4	100.0	4.88	6.86	18.60	0.00	0.14	54.8	100.0	100.0	100.0	BBB	100.0

**CURBACH RESOURCES**  
**LABORATORY FLOTATION TEST METALLURGICAL BALANCE**

PROJECT: VARGORDA TESTWORK *Q27*  
 OBJECT:

TEST #: D9

DATE: OCTOBER 31, 1990

PRODUCT	MASH		ASSAY					SULPHIDE TOTAL (%)	DISTRIBUTION (%)				
	g	%	%Pb	%Zn	%Fe	g/t Ag	%Cu		Pb	Zn	Fe	Ag	Cu
Pb 1	183.00	9.0	36.50	11.80	15.80	0.00	0.70	92.4	80.4	14.6	6.2	BBB	37.1
Pb 2	88.11	4.3	7.19	14.10	28.60	0.00	0.78	89.3	7.6	8.4	5.4	BBB	19.9
Pb 3	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	BBB	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	BBB	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	BBB	0.0

**CUMULATIVE:**

Pb 1	183.0	9.0	36.50	11.80	15.80	0.00	0.70	92.4	80.4	14.6	6.2	BBB	37.1
Pb 1+2	271.1	13.4	26.97	12.55	19.96	0.00	0.73	91.4	88.1	23.0	11.6	BBB	57.0
Pb 1+2+3	271.1	13.4	26.97	12.55	19.96	0.00	0.73	91.4	88.1	23.0	11.6	BBB	57.0
Pb 1+2+3+4	271.1	13.4	26.97	12.55	19.96	0.00	0.73	91.4	88.1	23.0	11.6	BBB	57.0
Pb 1+2+3+4+5	271.1	13.4	26.97	12.65	19.96	0.00	0.73	91.4	88.1	23.0	11.6	BBB	57.0

PB SCAV TAIL	1759.0	86.6	0.56	6.46	23.53	0.00	0.08	60.1	11.9	77.0	88.4	BBB	43.0
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**PRODUCT:**

Zn 1	106.20	5.2	1.01	44.30	11.60	0.00	0.17	87.9	1.3	31.9	2.6	BBB	5.2
Zn 2	51.76	2.5	1.35	23.60	24.30	0.00	0.18	86.6	0.8	8.3	2.7	BBB	2.7
Zn 3	211.07	10.4	1.35	23.60	24.30	0.00	0.18	86.6	3.4	33.7	11.0	BBB	11.0
Zn 4	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	BBB	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	BBB	0.0

**CUMULATIVE:**

Zn 1	106.2	5.2	1.01	44.30	11.60	0.00	0.17	87.9	1.3	31.9	2.6	BBB	5.2
Zn 1+2	158.0	7.8	1.12	37.52	15.69	0.00	0.17	87.5	2.1	40.1	5.3	BBB	7.9
Zn 1+2+3	369.0	18.2	1.25	29.56	20.62	0.00	0.18	87.0	5.6	73.9	16.3	BBB	18.9
Zn 1+2+3+4	369.0	18.2	1.25	29.56	20.62	0.00	0.18	87.0	5.6	73.9	16.3	BBB	18.9
Zn 1+2+3+4+5	369.0	18.2	1.25	29.56	20.62	0.00	0.18	87.0	5.6	73.9	16.3	BBB	18.9

Zn SCAV TAIL	1390.00	68.5	0.38	0.33	24.30	0.00	0.06	52.9	6.4	3.1	72.2	BBB	24.1
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FRBD (CALC.)	2030.1	100.0	4.09	7.27	23.05	0.00	0.17	64.2	100.0	100.0	100.0	BBB	100.0
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CURRACE REBOURCE  
LABORATORY FLOTATION TEST METALLURGICAL BALANCE

PROJECT: VANCORDA TESTWORK P-27  
OBJECT:

TEST #: D10

DATE: OCTOBER 31, 1990

PRODUCT	MARS		ARRAY					SULPRIDE TOTAL (%)	DISTRIBUTION (%)				
	g	%	%Pb	%Zn	%Fe	g/t Ag	%Cu		Pb	Zn	Fe	Ag	Cu
Pb 1	138.08	6.8	30.00	9.54	19.40	0.00	1.04	89.5	74.8	17.1	4.8	BBB	35.1
Pb 2	49.76	2.5	8.67	8.64	29.90	0.00	1.23	86.1	7.8	5.6	2.7	BBB	15.0
Pb 3	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	BBB	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	BBB	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	BBB	0.0
CUMULATIVE:													
Pb 1	138.1	6.8	30.00	9.54	19.40	0.00	1.04	89.5	74.8	17.1	4.8	BBB	35.1
Pb 1+2	187.8	9.3	24.35	9.30	22.18	0.00	1.09	88.6	82.6	22.7	7.4	BBB	50.0
Pb 1+2+3	187.8	9.3	24.35	9.30	22.18	0.00	1.09	88.6	82.6	22.7	7.4	BBB	50.0
Pb 1+2+3+4	187.8	9.3	24.35	9.30	22.18	0.00	1.09	88.6	82.6	22.7	7.4	BBB	50.0
Pb 1+2+3+4+5	187.8	9.3	24.35	9.30	22.18	0.00	1.09	88.6	82.6	22.7	7.4	BBB	50.0
FR BGA V TAIL	1837.3	90.7	0.52	3.25	28.24	0.00	0.11	65.6	17.4	77.3	92.6	BBB	50.0
PRODUCT:													
Zn 1	72.44	3.6	1.09	48.40	8.58	0.00	0.19	87.4	1.4	45.5	1.1	BBB	3.4
Zn 2	71.07	3.5	1.73	22.20	22.90	0.00	0.30	82.1	2.2	20.5	2.9	BBB	5.2
Zn 3	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	BBB	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	BBB	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	BBB	0.0
CUMULATIVE:													
Zn 1	72.4	3.6	1.09	48.40	8.58	0.00	0.19	87.4	1.4	45.5	1.1	BBB	3.4
Zn 1+2	143.5	7.1	1.41	35.43	15.67	0.00	0.24	84.8	3.6	65.9	4.0	BBB	8.6
Zn 1+2+3	143.5	7.1	1.41	35.43	15.67	0.00	0.24	84.8	3.6	65.9	4.0	BBB	8.6
Zn 1+2+3+4	143.5	7.1	1.41	35.43	15.67	0.00	0.24	84.8	3.6	65.9	4.0	BBB	8.6
Zn 1+2+3+4+5	143.5	7.1	1.41	35.43	15.67	0.00	0.24	84.8	3.6	65.9	4.0	BBB	8.6
Zn BGA V TAIL	1693.79	83.6	0.45	0.52	29.30	0.00	0.10	53.9	13.8	11.4	88.6	BBB	41.4
FRED (CALC.)	2025.1	100.0	2.73	3.81	27.67	0.00	0.20	67.7	100.0	100.0	100.0	BBB	100.0