

October 19, 1990

Work Order # 08471

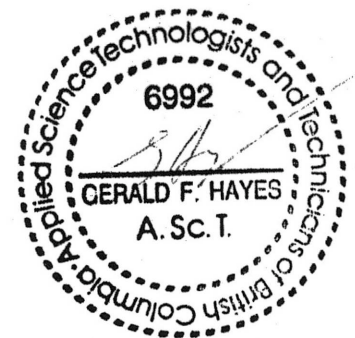
Curragh Resources Inc.
P.O. Box 1000
Faro, Yukon
Y0B 1K0

File # 08471a

MPR # 21088

Assay Certificate for Samples Provided

| Sample | g/t Au | g/t Ag | % Pb | % Zn | % Fe | SG |
|--------|--------|--------|-------|-------|-------|------|
| 65101 | 0.35 | 29.6 | 2.00 | 5.42 | 14.40 | 4.25 |
| 65102 | 0.11 | 11.2 | 0.61 | 3.32 | 28.04 | 3.65 |
| 65103 | 0.02 | <0.1 | 0.04 | 0.11 | 3.27 | 2.91 |
| 65104 | 0.46 | 35.0 | 2.33 | 8.87 | 14.89 | 4.09 |
| 65105 | 0.45 | 39.4 | 2.76 | 9.21 | 15.01 | 4.19 |
| 65106 | 0.46 | 32.3 | 3.15 | 7.30 | 12.11 | 4.33 |
| 65107 | 0.35 | 87.4 | 5.46 | 18.30 | 12.00 | 4.11 |
| 65108 | 1.21 | 6.4 | 0.54 | 1.29 | 9.17 | 2.79 |
| 65109 | 0.17 | 13.2 | 1.00 | 1.64 | 7.87 | 2.69 |
| 65110 | 0.08 | <0.1 | 0.02 | 0.04 | 4.83 | 2.76 |
| 65111 | 0.39 | 18.7 | 1.20 | 0.12 | 14.15 | 3.11 |
| 65112 | 0.77 | 73.4 | 8.86 | 12.20 | 18.28 | 3.98 |
| 65113 | 0.54 | 55.3 | 4.67 | 5.03 | 15.11 | 3.27 |
| 65114 | 0.72 | 87.5 | 7.27 | 6.06 | 24.76 | 4.18 |
| 65115 | 0.78 | 169.9 | 10.20 | 21.40 | 14.72 | 4.25 |



ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

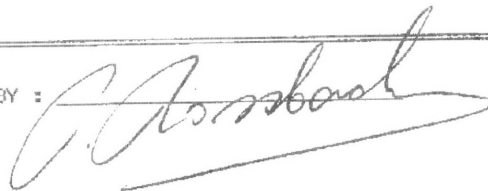
2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph: (604)299-6910 Fax: 299-6252

TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.
PROJECT : WO#08471
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # : 90543
INVOICE # : 20071
DATE ENTERED : 90-10-26
FILE NAME : NAL90543
PAGE # : 1

| PRE FIX | SAMPLE NAME | % Ba | % Ba SO4 |
|------------|-------------|---------|-------------|
| P | 65101 | 21.90 | 37.21 |
| P | 65102 | 11.60 | 19.71 |
| P | 65103 | 2.22 | 3.77 |
| P | 65104 | 17.00 | 28.38 |
| P | 65105 | 13.80 | 23.45 |
| P | 65106 | 22.60 | 38.40 |
| P | 65107 | 10.70 | 18.18 |
| P | 65108 | 1.04 | 1.77 |
| P | 65109 | 0.85 | 1.44 |
| P | 65110 | 0.50 | 0.85 |
| P | 65111 | 0.75 | 1.27 |
| P | 65112 | 0.20 | 0.34 |
| P | 65113 | 0.42 | 0.71 |
| P | 65114 | 0.09 | 0.15 |
| P | 65115 | 0.14 | 0.24 |

CERTIFIED BY :





October 19, 1990

Work Order # 08471

Curragh Resources Inc.
 P.O. Box 1000
 Faro, Yukon
 Y0B 1K0

File # 08471a

MPR # 21088

Assay Certificate for Samples Provided

| Sample | g/t Au | g/t Ag | % Pb | % Zn | % Fe | SG |
|--------|--------|--------|-------|-------|-------|-------|
| 65101 | 0.9 | 0.35 | 29.6 | 2.00 | 5.42 | 14.40 |
| 65102 | 0.7 | 0.11 | 11.2 | 0.61 | 3.32 | 28.04 |
| 65103 | 0.9 | 0.02 | <0.1 | 0.04 | 0.11 | 3.27 |
| 65104 | 1.0 | 0.46 | 35.0 | 2.33 | 8.87 | 14.89 |
| 65105 | 0.7 | 0.45 | 39.4 | 2.76 | 9.21 | 15.01 |
| 65106 | 0.9 | 0.46 | 32.3 | 3.15 | 7.30 | 12.11 |
| 65107 | 0.5 | 0.35 | 87.4 | 5.46 | 18.30 | 23.76 |
| 65108 | 0.7 | 1.21 | 6.4 | 0.54 | 1.29 | 9.17 |
| 65109 | 0.8 | 0.17 | 13.2 | 1.00 | 1.64 | 7.87 |
| 65110 | 0.6 | 0.08 | <0.1 | 0.02 | 0.04 | 4.83 |
| 65111 | 0.9 | 0.39 | 18.7 | 1.20 | 0.12 | 14.15 |
| 65112 | 1.0 | 0.77 | 73.4 | 8.66 | 12.20 | 21.06 |
| 65113 | 0.8 | 0.54 | 55.3 | 4.67 | 5.03 | 15.11 |
| 65114 | 0.6 | 0.72 | 87.5 | 7.27 | 6.06 | 24.76 |
| 65115 | 0.6 | 0.78 | 169.9 | 10.20 | 21.40 | 31.60 |

Handwritten notes:
 - Above % Zn: Pb+Zn (with arrow pointing to Zn column)
 - Above % Fe: %x_m
 - Next to 65104: 11.20
 - Next to 65105: 8.38
 - Next to 65106: 9.41
 - Next to 65107: 11.88 => 40.89
 - Next to 65109: ~1.5%
 - Next to 65112: 21.06
 - Next to 65113: 7.76
 - Next to 65114: 8.00
 - Next to 65115: 18.96 => 55.78
 - Grouped samples 65104-65107: } 13.18% / 3.1m
 - Grouped samples 65112-65115: } 18.59% / 3.0m
 - Total zone: ~ 11.12% / 9.2m



ROSSBACHER LABORATORY LTD.

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Ph: (604)299-6910 Fax: 299-6252

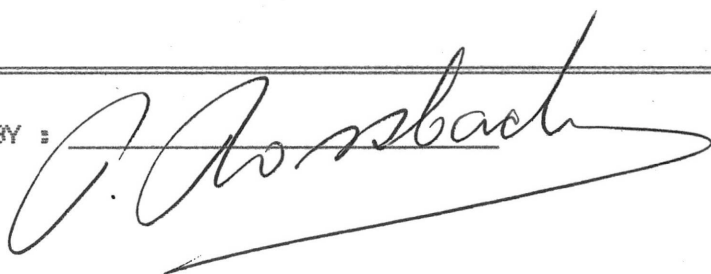
CERTIFICATE OF ANALYSIS

TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.
PROJECT : WD#08471
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # : 90543
INVOICE # : 20071
DATE ENTERED : 90-10-26
FILE NAME : NAL90543
PAGE # : 1

| PRE FIX | SAMPLE NAME | % Ba | % Ba SO4 |
|------------|-------------|---------|-------------|
| P | 65101 | 21.90 | 37.21 |
| P | 65102 | 11.60 | 19.71 |
| P | 65103 | 2.22 | 3.77 |
| P | 65104 | 17.00 | 28.83 |
| P | 65105 | 13.80 | 23.45 |
| P | 65106 | 22.60 | 38.40 |
| P | 65107 | 10.70 | 18.18 |
| P | 65108 | 1.04 | 1.77 |
| P | 65109 | 0.85 | 1.44 |
| P | 65110 | 0.50 | 0.85 |
| P | 65111 | 0.75 | 1.27 |
| P | 65112 | 0.20 | 0.34 |
| P | 65113 | 0.42 | 0.71 |
| P | 65114 | 0.09 | 0.15 |
| P | 65115 | 0.14 | 0.24 |

CERTIFIED BY :





November 29, 1990

Work Order # 13031

Curragh Resources Inc.
 P.O. Box 1000
 Faro, Yukon
 Y0B 1K0

File # 13031a

MPR #

Assay Certificate for Samples Provided

| Sample | g/t Au | g/t Ag | % Pb | % Zn | % Fe | SG |
|--------|--------|--------|-------|-------|-------|------|
| 65116 | 0.07 | 7.0 | 0.97 | 0.43 | 12.83 | 3.11 |
| 65117 | 0.41 | 63.5 | 3.33 | 8.44 | 11.63 | 3.93 |
| 65118 | 0.61 | 123.1 | 7.48 | 12.20 | 16.34 | 4.32 |
| 65119 | 0.45 | 54.8 | 4.16 | 8.17 | 19.01 | 4.11 |
| 65120 | 0.28 | 38.6 | 2.67 | 6.09 | 12.72 | 3.32 |
| 65121 | 0.11 | 10.3 | 0.82 | 1.50 | 7.06 | 2.98 |
| 65122 | 0.41 | 65.6 | 4.82 | 11.60 | 8.57 | 2.85 |
| 65123 | 0.33 | 73.4 | 3.84 | 10.10 | 9.82 | 3.73 |
| 65124 | 0.20 | 51.7 | 4.17 | 10.20 | 7.40 | 3.06 |
| 65125 | 0.09 | 34.9 | 2.45 | 7.26 | 5.71 | 4.27 |
| 65126 | 0.12 | 31.4 | 2.50 | 5.86 | 8.94 | 3.81 |
| 65127 | 0.49 | 132.9 | 10.90 | 14.60 | 8.07 | 4.04 |
| 65128 | 0.91 | 53.9 | 3.15 | 8.73 | 23.26 | 4.31 |
| 65129 | 0.51 | 70.0 | 6.42 | 11.00 | 10.67 | 3.92 |
| 65130 | 0.55 | 83.1 | 9.33 | 11.70 | 7.65 | 4.23 |
| 65131 | 0.47 | 77.8 | 5.63 | 10.90 | 10.63 | 3.74 |
| 65132 | 0.61 | 114.8 | 8.31 | 10.70 | 10.58 | 4.16 |
| 65133 | 0.43 | 58.7 | 3.58 | 7.78 | 11.57 | 4.22 |
| 65134 | 0.58 | 136.3 | 8.77 | 12.30 | 8.17 | 3.84 |
| 65135 | 1.26 | 196.2 | 14.40 | 12.60 | 13.43 | 4.47 |
| 65136 | 0.86 | 175.1 | 12.10 | 15.70 | 7.47 | 3.83 |
| 65137 | 0.53 | 58.4 | 6.87 | 12.20 | 8.25 | 3.46 |
| 65138 | 0.44 | 74.2 | 6.99 | 11.30 | 8.86 | 4.10 |



ROSSBACHER LABORATORY LTD.

2226 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph: (604)299-8910 Fax: 299-8252

CERTIFICATE OF ANALYSIS

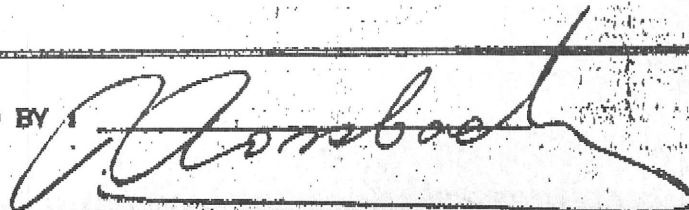
TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.

CERTIFICATE # : WO#13031
INVOICE # : 20138
DATE ENTERED : 90-12-05
FILE NAME : NAL90591
PAGE # : 1

PROJECT :
TYPE OF ANALYSIS : ASSAY

| TEST | SAMPLE NAME | % Ba | % BaSO4 |
|------|-------------|---------|------------|
| | 65116 | 0.52 | 0.88 |
| | 65117 | 19.60 | 33.30 |
| | 65118 | 4.60 | 7.82 |
| | 65119 | 9.26 | 15.73 |
| | 65120 | 7.60 | 12.91 |
| | 65121 | 8.92 | 15.16 |
| | 65122 | 17.20 | 29.22 |
| | 65123 | 18.80 | 31.94 |
| | 65124 | 23.00 | 39.08 |
| | 65125 | 31.20 | 53.01 |
| | 65126 | 25.00 | 42.47 |
| | 65127 | 7.00 | 11.89 |
| | 65128 | 3.42 | 5.81 |
| | 65129 | 10.20 | 17.33 |
| | 65130 | 20.60 | 35.00 |
| | 65131 | 11.10 | 18.86 |
| | 65132 | 15.90 | 27.01 |
| | 65133 | 20.90 | 35.51 |
| | 65134 | 17.80 | 30.24 |
| | 65135 | 3.14 | 5.33 |
| | 65136 | 3.44 | 5.84 |
| | 65137 | 5.12 | 8.70 |
| | 65138 | 19.80 | 33.64 |

CERTIFIED BY





December 20, 1990

Work Order # 13041

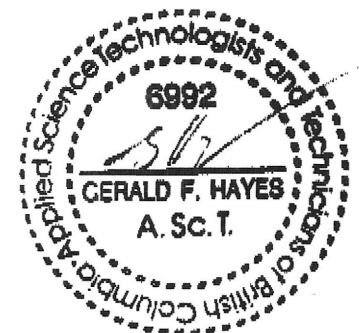
Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

File # 13041a

MPR # 49002

Assay Certificate

| Sample | g/t Au | g/t Ag | %Pb | %Zn | %Fe | SG |
|--------|--------|--------|-------|-------|-------|------|
| 65139 | <0.01 | 0.1 | 0.07 | 0.01 | 3.54 | 2.76 |
| 65140 | <0.01 | <0.1 | 0.01 | <0.01 | 3.85 | 2.79 |
| 65141 | 0.01 | <0.1 | 0.06 | 0.08 | 8.47 | 2.76 |
| 65142 | 0.02 | <0.1 | 0.01 | <0.01 | 4.91 | 2.84 |
| 65143 | 0.19 | 10.1 | 0.76 | 0.89 | 13.90 | 3.08 |
| 65144 | 0.30 | 12.9 | 0.33 | 0.08 | 15.09 | 3.58 |
| 65145 | 0.53 | 11.4 | 0.32 | 0.18 | 31.37 | 4.04 |
| 65146 | 0.41 | 9.9 | 0.03 | <0.01 | 30.81 | 3.83 |
| 65147 | 0.25 | 5.7 | 0.07 | 0.06 | 22.72 | 3.41 |
| 65148 | 0.22 | 6.0 | 0.14 | 0.03 | 21.29 | 3.24 |
| 65149 | 0.19 | 12.1 | 0.87 | 0.19 | 16.80 | 4.05 |
| 65150 | 0.16 | 7.3 | 0.46 | 0.18 | 15.40 | 3.21 |
| 65151 | 0.81 | 9.2 | 0.16 | 0.07 | 23.02 | 3.44 |
| 65152 | 0.38 | 8.5 | 0.17 | 0.06 | 18.22 | 3.15 |
| 65153 | 0.18 | 6.5 | 0.14 | 0.02 | 17.60 | 3.06 |
| 65154 | 0.06 | 2.7 | 0.06 | <0.01 | 9.39 | 2.78 |
| 65155 | 0.30 | 6.3 | 0.18 | 0.04 | 19.59 | 3.16 |
| 65156 | 0.13 | 4.4 | 0.24 | 0.30 | 14.02 | 3.00 |
| 65157 | 0.14 | 0.7 | 0.07 | 0.02 | 8.70 | 2.76 |
| 65158 | <0.01 | <0.1 | 0.03 | <0.01 | 4.37 | 2.78 |
| 65159 | 0.06 | <0.1 | 0.03 | 0.02 | 3.47 | 2.67 |
| 65160 | 0.01 | 0.8 | 0.05 | 0.04 | 4.27 | 2.54 |
| 65161 | <0.01 | 0.4 | 0.02 | 0.04 | 4.03 | 2.79 |
| 65162 | 0.02 | 0.1 | <0.01 | 0.01 | 4.35 | 2.68 |
| 65163 | <0.01 | 0.4 | 0.01 | <0.01 | 3.95 | 2.74 |
| 65164 | 0.19 | 3.4 | 0.05 | 0.02 | 21.94 | 3.22 |
| 65165 | 0.01 | 1.8 | 0.03 | <0.01 | 4.28 | 2.71 |



ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph: (604)299-6010 Fax: 299-6252

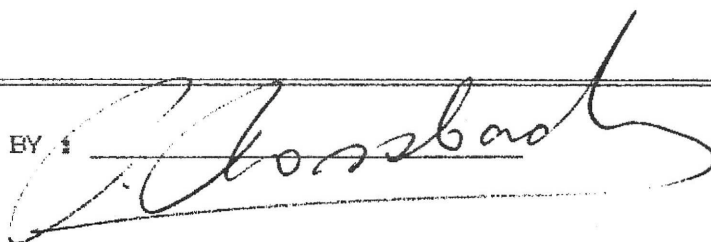
CERTIFICATE OF ANALYSIS

TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.
PROJECT : 13041
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # : 13041
INVOICE # : 20158
DATE ENTERED : 91-01-04
FILE NAME : NAL90605
PAGE # : 1

| PFE FIX | SAMPLE NAME | % Ba | % BaSO4 |
|------------|-------------|---------|------------|
| P | 65139 | 0.66 | 1.12 |
| P | 65140 | 0.74 | 1.26 |
| P | 65141 | 0.35 | 0.59 |
| P | 65142 | 1.02 | 1.73 |
| P | 65143 | 0.61 | 1.04 |
| P | 65144 | 0.38 | 0.65 |
| P | 65145 | 0.10 | 0.17 |
| P | 65146 | 0.25 | 0.42 |
| P | 65147 | 0.28 | 0.48 |
| P | 65148 | 0.22 | 0.37 |
| P | 65149 | 0.41 | 0.70 |
| P | 65150 | 0.31 | 0.53 |
| P | 65151 | 0.16 | 0.27 |
| P | 65152 | 0.25 | 0.42 |
| P | 65153 | 0.84 | 1.43 |
| P | 65154 | 0.76 | 1.29 |
| P | 65155 | 0.72 | 1.22 |
| P | 65156 | 0.60 | 1.02 |
| P | 65157 | 0.75 | 1.27 |
| P | 65158 | 0.50 | 0.85 |
| P | 65159 | 0.39 | 0.66 |
| P | 65160 | 0.33 | 0.56 |
| P | 65161 | 0.49 | 0.83 |
| P | 65162 | 0.32 | 0.54 |
| P | 65163 | 0.24 | 0.41 |
| P | 65164 | 0.29 | 0.49 |
| P | 65165 | 0.22 | 0.37 |

CERTIFIED BY :



January 31, 1991

Work Order # 13050

Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

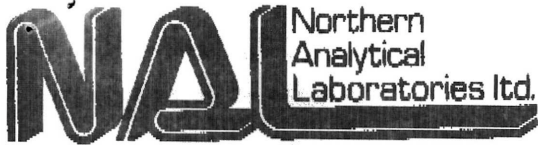
File # 13050a

MPR # 33601

Assay Certificate

| Sample | g/t Au | g/t Ag | %Pb | %Zn | %Fe | SG |
|--------|--------|--------|-------|-------|-------|------|
| 65166 | 0.03 | 10.4 | 1.98 | 3.54 | 3.51 | 2.43 |
| 65167 | <0.01 | 2.2 | <0.01 | 0.01 | 4.44 | 2.72 |
| 65168 | 0.11 | 29.4 | 2.19 | 3.62 | 3.45 | 3.19 |
| 65169 | 0.05 | 19.6 | 1.94 | 4.15 | 3.90 | 2.67 |
| 65170 | <0.01 | 3.1 | 0.07 | 0.16 | 5.36 | 2.59 |
| 65171 | <0.01 | 6.5 | 0.66 | 1.38 | 6.43 | 2.75 |
| 65172 | 0.08 | 10.6 | 1.39 | 1.91 | 3.59 | 2.57 |
| 65173 | 0.11 | 70.6 | 5.19 | 8.08 | 6.98 | 2.99 |
| 65174 | 0.03 | 7.9 | 0.11 | 0.33 | 4.43 | 2.58 |
| 65175 | 0.59 | 97.9 | 6.25 | 8.87 | 5.85 | 2.97 |
| 65176 | 0.51 | 45.9 | 3.11 | 3.90 | 7.15 | 3.01 |
| 65177 | 0.08 | 7.2 | 0.45 | 0.54 | 7.20 | 2.79 |
| 65178 | 0.07 | <0.1 | <0.01 | <0.01 | 5.23 | 2.74 |
| 65179 | 0.22 | 86.7 | 5.41 | 7.36 | 14.50 | 3.56 |
| 65180 | 0.08 | 1.1 | <0.01 | 0.05 | 3.42 | 2.47 |
| 65181 | 0.17 | 19.9 | 1.50 | 3.57 | 13.91 | 3.71 |
| 65182 | 0.14 | 29.5 | 0.79 | 2.06 | 5.45 | 4.09 |
| 65183 | 0.16 | 18.4 | 1.83 | 3.60 | 12.37 | 4.30 |
| 65184 | 0.11 | 39.0 | 0.98 | 3.18 | 10.99 | 4.16 |
| 65185 | 0.05 | 0.7 | <0.01 | 0.04 | 5.24 | 2.84 |
| 65186 | 0.12 | 56.3 | 3.61 | 6.15 | 11.20 | 4.34 |
| 65187 | 0.78 | 108.7 | 6.60 | 18.40 | 17.51 | 4.48 |
| 65188 | 0.61 | 89.2 | 4.38 | 11.90 | 20.86 | 4.47 |
| 65189 | 0.18 | 79.6 | 4.89 | 8.12 | 12.09 | 4.35 |
| 65190 | <0.01 | 3.0 | 0.18 | 0.44 | 7.63 | 3.05 |
| 65191 | 0.09 | 16.3 | 1.56 | 3.78 | 23.84 | 4.16 |
| 65192 | 0.13 | 10.2 | 0.64 | 1.76 | 14.82 | 4.31 |
| 65193 | 0.85 | 109.7 | 6.53 | 16.10 | 15.28 | 4.50 |
| 65194 | 0.51 | 69.2 | 5.30 | 7.09 | 10.69 | 3.48 |
| 65195 | 0.25 | 4.1 | 0.16 | 0.18 | 6.07 | 2.90 |





January 31, 1991

Work Order # 13050

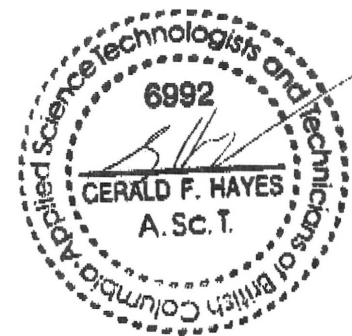
Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

File # 13050b

P.O. # 33601

Assay Certificate

| Sample | g/t Au | g/t Ag | %Pb | %Zn | %Fe | SG |
|--------|--------|--------|-------|------|-------|------|
| 65196 | 0.49 | 29.5 | 1.87 | 4.01 | 14.08 | 3.49 |
| 65197 | 0.02 | 3.7 | 0.14 | 0.30 | 4.73 | 2.95 |
| 65198 | 0.50 | 19.2 | 1.93 | 2.12 | 11.94 | 2.96 |
| 65199 | <0.01 | 1.5 | <0.01 | 0.03 | 4.30 | 2.88 |
| 65200 | 0.31 | 88.9 | 3.81 | 4.66 | 38.92 | 4.15 |
| 65201 | <0.01 | 5.0 | 0.20 | 0.58 | 7.31 | 3.06 |
| 65202 | <0.01 | 0.9 | <0.01 | 0.02 | 4.14 | 2.87 |
| 65203 | 1.07 | 111.5 | 6.56 | 9.16 | 13.57 | 3.72 |
| 65204 | <0.01 | 1.3 | <0.01 | 0.05 | 4.23 | 2.82 |
| 65205 | <0.01 | 2.4 | 0.16 | 0.25 | 9.11 | 2.88 |
| 65206 | <0.01 | 2.0 | 0.13 | 0.25 | 6.83 | 2.77 |
| 65207 | <0.01 | 0.6 | <0.01 | 0.03 | 6.55 | 2.81 |
| 65208 | <0.01 | 3.5 | 0.23 | 0.26 | 8.90 | 2.89 |
| 65209 | 0.03 | 1.5 | 0.07 | 0.11 | 6.03 | 2.88 |
| 65210 | 0.01 | 1.8 | 0.20 | 0.16 | 5.56 | 2.86 |
| 65211 | <0.01 | 0.5 | <0.01 | 0.02 | 5.81 | 2.84 |



ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3W1
Ph: (604)299-6010 Fax: 299-6252

CERTIFICATE OF ANALYSIS

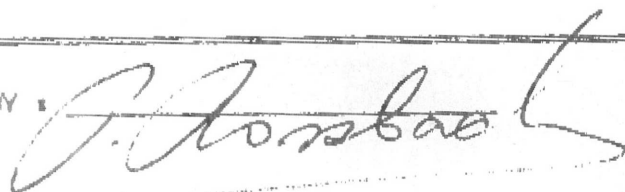
TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.

CERTIFICATE # : WO#13050
INVOICE # : 20178
DATE ENTERED : 91-02-07
FILE NAME : NAL91023
PAGE # : 1

PROJECT : NA
TYPE OF ANALYSIS : ASSAY

| PRE FIX | SAMPLE NAME | % Ra | % RaSO4 |
|------------|-------------|---------|------------|
| P | 65166 | 0.11 | 0.19 |
| P | 65167 | 0.30 | 0.51 |
| P | 65168 | 0.15 | 0.25 |
| P | 65169 | 0.29 | 0.49 |
| P | 65170 | 0.31 | 0.53 |
| P | 65171 | 0.26 | 0.44 |
| P | 65172 | 0.23 | 0.39 |
| P | 65173 | 0.16 | 0.27 |
| P | 65174 | 0.30 | 0.51 |
| P | 65175 | 0.09 | 0.15 |
| P | 65176 | 0.09 | 0.15 |
| P | 65177 | 0.29 | 0.49 |
| P | 65178 | 0.36 | 0.61 |
| P | 65179 | 0.25 | 0.42 |
| P | 65180 | 2.82 | 4.79 |
| P | 65181 | 18.10 | 30.75 |
| P | 65182 | 19.60 | 33.30 |
| P | 65183 | 24.80 | 42.14 |
| P | 65184 | 20.40 | 48.25 |
| P | 65185 | 7.22 | 12.27 |
| P | 65186 | 22.00 | 37.38 |
| P | 65187 | 0.72 | 1.22 |
| P | 65188 | 0.23 | 0.39 |
| P | 65189 | 20.00 | 33.98 |
| P | 65190 | 7.60 | 12.91 |
| P | 65191 | 16.90 | 28.71 |
| P | 65192 | 24.00 | 40.78 |
| P | 65193 | 5.06 | 8.60 |
| P | 65194 | 0.53 | 0.90 |
| P | 65195 | 0.89 | 1.51 |
| P | 65196 | 2.24 | 3.81 |
| P | 65197 | 2.20 | 3.74 |
| P | 65198 | 0.53 | 0.90 |
| P | 65199 | 4.10 | 6.97 |
| P | 65200 | 0.54 | 0.92 |
| P | 65201 | 6.90 | 11.72 |
| P | 65202 | 3.52 | 5.98 |
| P | 65203 | 1.14 | 1.94 |
| P | 65204 | 1.24 | 2.11 |
| P | 65205 | 0.27 | 0.46 |

CERTIFIED BY :



ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3M1
Ph: (604)299-6010 Fax: 299-6252

CERTIFICATE OF ANALYSIS

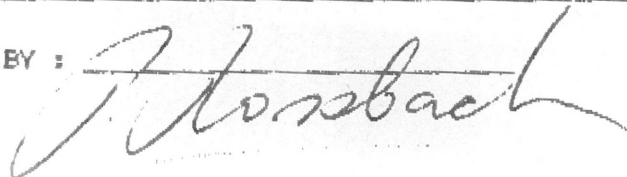
TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.

CERTIFICATE # : WO#13050
INVOICE # : 20178
DATE ENTERED : 91-02-07
FILE NAME : NAL91023
PAGE # : 2

PROJECT : NA
TYPE OF ANALYSIS : ASSAY

| PRE FIX | SAMPLE NAME | % Ba | % BaSO4 |
|------------|-------------|---------|------------|
| P | 65206 | 0.13 | 0.22 |
| P | 65207 | 0.11 | 0.19 |
| P | 65208 | 0.12 | 0.20 |
| P | 65209 | 0.16 | 0.27 |
| P | 65210 | 0.19 | 0.32 |
| P | 65211 | 0.16 | 0.27 |

CERTIFIED BY :



ROSSBACHER LABORATORY LTD.

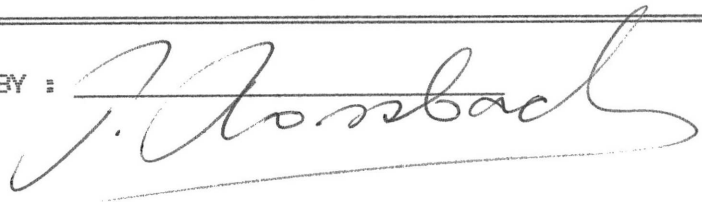
2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph: (604)299-6910 Fax: 299-6252

CERTIFICATE OF ANALYSIS

TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.
PROJECT : NA
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # : W0#13050
INVOICE # : 20178
DATE ENTERED : 91-02-07
FILE NAME : NAL91023
PAGE # : 1

| PRE FIX | SAMPLE NAME | % Ra | % RaSO4 |
|------------|-------------|---------|------------|
| P | 65166 | 0.11 | 0.19 |
| P | 65167 | 0.30 | 0.51 |
| P | 65168 | 0.15 | 0.25 |
| P | 65169 | 0.29 | 0.49 |
| P | 65170 | 0.31 | 0.53 |
| P | 65171 | 0.26 | 0.44 |
| P | 65172 | 0.23 | 0.39 |
| P | 65173 | 0.16 | 0.27 |
| P | 65174 | 0.30 | 0.51 |
| P | 65175 | 0.09 | 0.15 |
| P | 65176 | 0.09 | 0.15 |
| P | 65177 | 0.29 | 0.49 |
| P | 65178 | 0.36 | 0.61 |
| P | 65179 | 0.25 | 0.42 |
| P | 65180 | 2.82 | 4.79 |
| P | 65181 | 18.10 | 30.75 |
| P | 65182 | 19.60 | 33.30 |
| P | 65183 | 24.80 | 42.14 |
| P | 65184 | 28.40 | 48.25 |
| P | 65185 | 7.22 | 12.27 |
| P | 65186 | 22.00 | 37.38 |
| P | 65187 | 0.72 | 1.22 |
| P | 65188 | 0.23 | 0.39 |
| P | 65189 | 20.00 | 33.98 |
| P | 65190 | 7.60 | 12.91 |
| P | 65191 | 16.90 | 28.71 |
| P | 65192 | 24.00 | 40.78 |
| P | 65193 | 5.06 | 8.60 |
| P | 65194 | 0.53 | 0.90 |
| P | 65195 | 0.89 | 1.51 |
| P | 65196 | 2.24 | 3.81 |
| P | 65197 | 2.20 | 3.74 |
| P | 65198 | 0.53 | 0.90 |
| P | 65199 | 4.10 | 6.97 |
| P | 65200 | 0.54 | 0.92 |
| P | 65201 | 6.90 | 11.72 |
| P | 65202 | 3.52 | 5.98 |
| P | 65203 | 1.14 | 1.94 |
| P | 65204 | 1.24 | 2.11 |
| P | 65205 | 0.27 | 0.46 |

CERTIFIED BY : 

ROSSBACHER LABORATORY LTD.

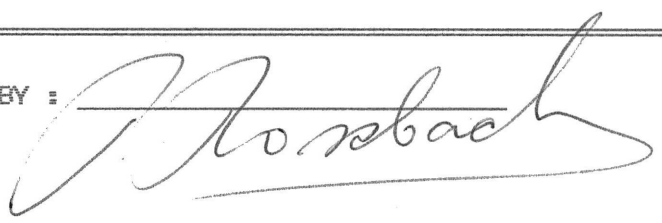
2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph: (604)299-6910 Fax: 299-6252

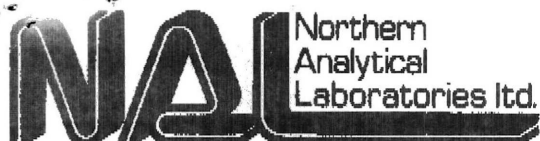
CERTIFICATE OF ANALYSIS

TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.
PROJECT : NA
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # :
INVOICE # : W0#13050
DATE ENTERED : 20178
FILE NAME : 91-02-07
PAGE # : NAL91023
2

| PRE FIX | SAMPLE NAME | % Ba | % BaSO4 |
|------------|-------------|---------|------------|
| P | 65206 | 0.13 | 0.22 |
| P | 65207 | 0.11 | 0.19 |
| P | 65208 | 0.12 | 0.20 |
| P | 65209 | 0.16 | 0.27 |
| P | 65210 | 0.19 | 0.32 |
| P | 65211 | 0.16 | 0.27 |

CERTIFIED BY : 



January 31, 1991

Work Order # 13051

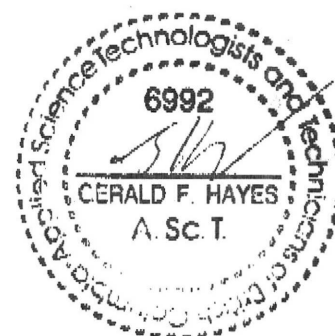
Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

File # 13051a

P.O. # 400285

Assay Certificate

| Sample | g/t Au | g/t Ag | %Pb | %Zn | %Fe | SG |
|--------|--------|--------|-------|-------|-------|------|
| 65212 | 0.87 | 22.0 | 1.46 | 2.25 | 28.12 | 4.27 |
| 65213 | 0.91 | 26.3 | 2.42 | 2.92 | 25.66 | 4.22 |
| 65214 | 0.56 | 37.4 | 3.66 | 4.99 | 16.86 | 3.80 |
| 65215 | 0.27 | 13.8 | 0.46 | 0.39 | 15.51 | 3.19 |
| 65216 | <0.01 | 0.2 | 0.02 | 0.02 | 3.12 | 2.79 |
| 65217 | <0.01 | <0.1 | <0.01 | <0.01 | 2.13 | 2.68 |
| 65218 | 0.02 | <0.1 | <0.01 | <0.01 | 2.37 | 2.62 |
| 65219 | <0.01 | 0.8 | <0.01 | <0.01 | 13.28 | 2.95 |
| 62220 | 0.01 | 8.5 | 1.35 | 1.34 | 4.46 | 2.80 |
| 65221 | <0.01 | <0.1 | <0.01 | <0.01 | 3.40 | 2.66 |
| 65222 | 0.11 | 0.8 | <0.01 | <0.01 | 3.37 | 2.79 |
| 65223 | 0.03 | 2.7 | 0.11 | 0.16 | 3.91 | 2.42 |
| 65224 | 0.16 | 5.5 | 0.12 | 0.04 | 12.93 | 3.26 |
| 65225 | 0.01 | 4.5 | 0.17 | 0.03 | 13.58 | 3.21 |
| 65226 | 0.01 | 5.4 | 0.34 | 0.87 | 13.63 | 3.04 |
| 65227 | <0.01 | 0.7 | <0.01 | <0.01 | 6.29 | 2.97 |



ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V6B 3N1
Ph: (604)299-6910 Fax: 299-6252

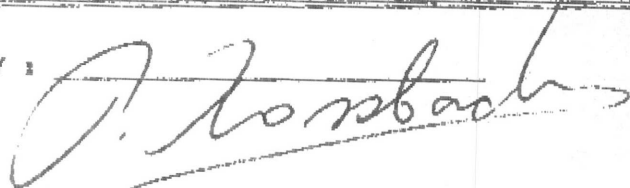
CERTIFICATE OF ANALYSIS

TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.
PROJECT : NA
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # : WD# 13051
INVOICE # : 20178
DATE ENTERED : 91-02-07
FILE NAME : NAL90124
PAGE # : 1

| FE IX | SAMPLE NAME | % Ba | % BaSO4 |
|----------|-------------|---------|------------|
| P | 65212 | 0.13 | 0.22 |
| P | 65213 | 0.09 | 0.15 |
| P | 65214 | 8.26 | 14.03 |
| P | 65215 | 0.34 | 0.58 |
| P | 65216 | 0.50 | 0.85 |
| P | 65217 | 0.37 | 0.63 |
| P | 65218 | 0.35 | 0.59 |
| P | 65219 | 0.56 | 0.95 |
| P | 65220 | 0.29 | 0.49 |
| P | 65221 | 0.34 | 0.58 |
| P | 65222 | 0.67 | 1.14 |
| P | 65223 | 0.32 | 0.54 |
| P | 65224 | 0.58 | 0.99 |
| P | 65225 | 0.18 | 0.31 |
| P | 65226 | 0.25 | 0.42 |
| P | 65227 | 0.23 | 0.39 |

CERTIFIED BY :



ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph: (604)299-6910 Fax: 299-6252

CERTIFICATE OF ANALYSIS

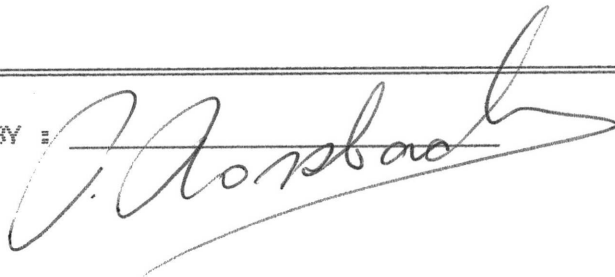
TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.

CERTIFICATE # : WO# 13051
INVOICE # : 20178
DATE ENTERED : 91-02-07
FILE NAME : NAL90124
PAGE # : 1

PROJECT : NA
TYPE OF ANALYSIS : ASSAY

| PRE FIX | SAMPLE NAME | % Ba | % BaSO4 |
|------------|-------------|---------|------------|
| P | 65212 | 0.13 | 0.22 |
| P | 65213 | 0.09 | 0.15 |
| P | 65214 | 8.26 | 14.03 |
| P | 65215 | 0.34 | 0.58 |
| P | 65216 | 0.50 | 0.85 |
| P | 65217 | 0.37 | 0.63 |
| P | 65218 | 0.35 | 0.59 |
| P | 65219 | 0.56 | 0.95 |
| P | 65220 | 0.29 | 0.49 |
| P | 65221 | 0.34 | 0.58 |
| P | 65222 | 0.67 | 1.14 |
| P | 65223 | 0.32 | 0.54 |
| P | 65224 | 0.58 | 0.99 |
| P | 65225 | 0.18 | 0.31 |
| P | 65226 | 0.25 | 0.42 |
| P | 65227 | 0.23 | 0.39 |

CERTIFIED BY :



ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3M1
Ph: (604)299-6910 Fax: 299-6252

CERTIFICATE OF ANALYSIS

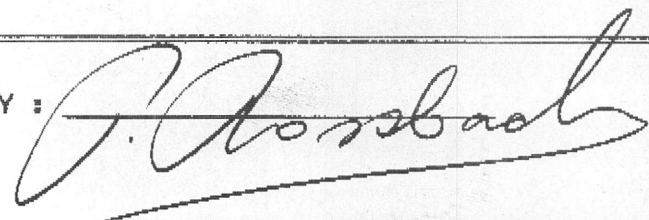
TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.
PROJECT : WO # 13066
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # : WO # 13066
INVOICE # : 20193
DATE ENTERED : 91-03-04
FILE NAME : NAL91047
PAGE # : 1

| PRE FIX | SAMPLE NAME | % Ba | % BaSO4 |
|------------|-------------|---------|------------|
| P | 65241 | 0.32 | 0.53 |
| P | 65242 | 0.29 | 0.48 |
| P | 65243 | 2.70 | 4.51 |
| P | 65244 | 0.12 | 0.20 |
| P | 65245 | 0.65 | 1.08 |
| P | 65246 | 0.12 | 0.20 |
| P | 65247 | 0.25 | 0.42 |
| P | 65248 | 0.13 | 0.22 |
| P | 65249 | 0.19 | 0.32 |
| P | 65250 | 0.52 | 0.87 |
| P | 65251 | 0.50 | 0.83 |
| P | 65252 | 0.21 | 0.35 |
| P | 65253 | 0.24 | 0.40 |
| P | 65254 | 0.21 | 0.35 |
| P | 65255 | 0.10 | 0.17 |
| P | 65256 | 0.31 | 0.52 |
| P | 65257 | 0.66 | 1.10 |
| P | 65258 | 2.62 | 4.37 |
| P | 65259 | 12.70 | 21.20 |
| P | 65260 | 2.58 | 4.31 |
| P | 65261 | 1.00 | 1.67 |
| P | 65262 | 2.36 | 3.94 |
| P | 65263 | 1.30 | 2.17 |
| P | 65264 | 1.62 | 2.70 |
| P | 65265 | 1.54 | 2.57 |
| P | 65266 | 2.46 | 4.11 |
| P | 65267 | 1.66 | 2.77 |
| P | 65268 | 1.80 | 3.00 |
| P | 65269 | 0.26 | 0.43 |
| P | 65270 | 2.22 | 3.71 |
| P | 65271 | 2.48 | 4.14 |
| P | 65272 | 1.86 | 3.10 |
| P | 65273 | 0.41 | 0.68 |
| P | 65274 | 0.42 | 0.70 |
| P | 65275 | 0.42 | 0.70 |
| P | 65276 | 0.17 | 0.28 |
| P | 65277 | 2.56 | 4.27 |
| P | 65278 | 11.10 | 18.53 |

DRH 07/03/91

CERTIFIED BY :





February 18, 1991

Work Order # 13066

Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

File # 13066a

P.O. # 400294

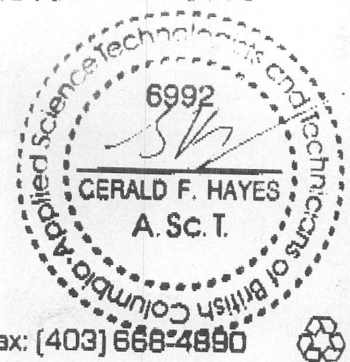
Assay Certificate

| Sample | g/t Au | g/t Ag | %Pb | %Zn | %Fe | SG |
|--------|--------|--------|------|-------|-------|------|
| 65241 | 0.02 | 15.4 | 0.91 | 1.13 | 13.84 | 3.08 |
| 65242 | 0.05 | 28.6 | 0.15 | 0.16 | 8.56 | 2.85 |
| 65243 | 0.15 | 46.7 | 4.61 | 6.87 | 16.51 | 3.34 |
| 65244 | 0.03 | 8.4 | 0.41 | 0.96 | 9.56 | 2.90 |
| 65245 | 0.08 | 0.2 | 0.02 | 0.03 | 3.80 | 2.80 |
| 65246 | 0.51 | 125.6 | 5.96 | 11.02 | 20.20 | 3.93 |
| 65247 | 0.55 | 52.2 | 2.71 | 4.56 | 4.68 | 2.89 |
| 65248 | 0.45 | 39.4 | 2.07 | 4.21 | 2.59 | 2.84 |
| 65249 | 0.55 | 71.5 | 3.31 | 6.28 | 5.82 | 3.00 |
| 65250 | 0.53 | 58.0 | 2.67 | 5.53 | 14.24 | 3.36 |
| 65251 | 0.18 | 51.9 | 2.26 | 4.20 | 14.39 | 3.19 |
| 65252 | 0.07 | 22.1 | 2.01 | 1.97 | 5.90 | 2.92 |
| 65253 | 0.06 | 13.1 | 0.28 | 0.56 | 3.19 | 2.62 |
| 65254 | 0.18 | 44.4 | 2.05 | 2.42 | 4.37 | 2.86 |
| 65255 | 0.17 | 12.5 | 0.66 | 1.28 | 5.61 | 2.84 |
| 65256 | 0.03 | 1.6 | 0.13 | 0.12 | 4.62 | 2.76 |
| 65257 | 0.62 | 44.7 | 3.47 | 5.28 | 13.39 | 3.46 |
| 65258 | 0.10 | 0.8 | 0.05 | 0.07 | 3.29 | 2.87 |
| 65259 | 0.27 | 31.7 | 2.46 | 5.87 | 11.38 | 3.64 |
| 65260 | 0.24 | 38.7 | 2.60 | 5.31 | 13.70 | 3.38 |
| 65261 | 0.34 | 35.7 | 3.03 | 5.06 | 9.85 | 3.23 |
| 65262 | 0.08 | 1.3 | 0.09 | 0.18 | 2.35 | 2.84 |
| 65263 | 0.44 | 22.9 | 1.45 | 2.38 | 8.62 | 3.06 |
| 65264 | 0.27 | 7.4 | 0.41 | 0.49 | 4.61 | 2.89 |
| 65265 | 0.28 | 9.8 | 0.55 | 1.09 | 5.44 | 2.82 |
| 65266 | 0.30 | 55.2 | 4.54 | 6.91 | 10.39 | 3.34 |
| 65267 | 0.33 | 8.3 | 0.48 | 0.53 | 6.70 | 2.95 |
| 65268 | 0.43 | 21.6 | 1.45 | 2.69 | 10.14 | 3.18 |
| 65269 | 0.75 | 52.8 | 3.24 | 6.89 | 20.77 | 3.96 |
| 65270 | 0.66 | 69.6 | 4.14 | 8.45 | 16.87 | 3.75 |

90DY-02

91DY-03

263





February 18, 1991

Work Order # 13066

Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

File # 13066b

P.O. # 400294

Assay Certificate

| Sample | g/t Au | g/t Ag | %Pb | %Zn | %Fe | SG |
|--------|--------|--------|-------|-------|-------|------|
| 65271 | 0.12 | 0.4 | 0.07 | 0.12 | 5.48 | 2.83 |
| 65272 | 0.99 | 71.1 | 4.88 | 6.19 | 18.85 | 3.77 |
| 65273 | 1.57 | 189.1 | 12.53 | 14.70 | 13.54 | 3.74 |
| 65274 | 0.98 | 84.1 | 5.53 | 7.02 | 17.38 | 3.66 |
| 65275 | 1.02 | 86.9 | 5.69 | 7.13 | 17.01 | 3.64 |
| 65276 | 0.96 | 136.4 | 11.55 | 14.60 | 19.64 | 4.37 |
| 65277 | 0.04 | 0.5 | 0.10 | 0.13 | 3.96 | 2.82 |
| 65278 | 0.03 | 0.3 | 0.05 | 0.06 | 4.23 | 2.95 |





March 6, 1991

Work Order # 13077

Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

File # 13077a

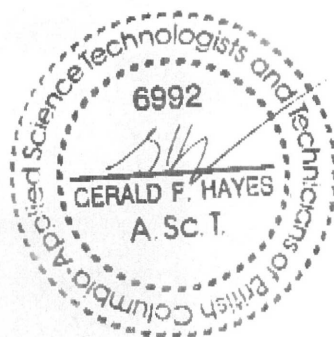
P.O. #

Assay Certificate

| Sample | g/t Au | g/t Ag | %Pb | %Zn | %Fe | SG |
|--------|--------|--------|-------|------|-------|------|
| 65381 | <0.01 | 1.9 | 0.06 | 0.13 | 4.01 | 2.81 |
| 65382 | 0.34 | 3.4 | 0.23 | 0.08 | 20.09 | 3.26 |
| 65383 | <0.01 | 0.8 | <0.01 | 0.02 | 3.32 | 2.61 |
| 65384 | 0.35 | 1.3 | 0.02 | 0.04 | 14.83 | 3.17 |
| 65385 | 0.01 | 0.6 | <0.01 | 0.06 | 2.22 | 2.80 |
| 65386 | 0.02 | 0.9 | <0.01 | 0.07 | 4.41 | 2.85 |
| 65387 | 0.63 | 5.6 | 0.08 | 0.05 | 25.91 | 3.83 |
| 65388 | 0.59 | 16.9 | 1.09 | 0.92 | 26.21 | 3.58 |
| 65389 | 0.10 | 7.1 | 0.57 | 0.67 | 14.81 | 3.10 |
| 65390 | 0.73 | 27.0 | 2.35 | 1.61 | 31.84 | 3.88 |
| 65391 | 0.07 | 0.6 | 0.03 | 0.07 | 5.13 | 2.85 |
| 65392 | 0.02 | 1.9 | 0.05 | 0.08 | 4.15 | 2.77 |
| 65393 | 0.30 | 5.0 | 0.11 | 0.08 | 24.70 | 3.62 |
| 65394 | 0.34 | 4.4 | 0.08 | 0.05 | 25.64 | 3.31 |
| 65395 | 0.32 | 5.5 | 0.02 | 0.02 | 22.60 | 3.54 |
| 65396 | 0.44 | 3.8 | 0.03 | 0.06 | 23.19 | 3.79 |
| 65397 | 0.59 | 3.6 | 0.05 | 0.03 | 25.50 | 3.82 |
| 65398 | 0.36 | 4.1 | 0.09 | 0.04 | 22.86 | 3.68 |
| 65399 | <0.01 | 1.2 | 0.01 | 0.05 | 3.85 | 2.82 |
| 65400 | 1.92 | 14.6 | 0.98 | 1.03 | 18.85 | 3.42 |
| 65401 | 0.91 | 11.8 | 0.83 | 0.25 | 29.77 | 4.11 |
| 65402 | 0.65 | 11.9 | 0.87 | 0.75 | 30.16 | 4.25 |
| 65403 | 0.49 | 16.9 | 1.24 | 1.15 | 20.90 | 3.73 |
| 65404 | 0.05 | 1.8 | 0.04 | 0.06 | 3.03 | 2.78 |

DRA

07/03/91



March 1, 1991

Work Order # 13074

Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

File # 13074

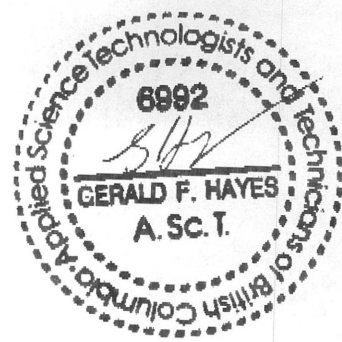
P.O. # 400300

Assay Certificate

| Sample | g/t Au | g/t Ag | %Pb | %Zn | %Fe | SG |
|--------|--------|--------|-------|-------|-------|------|
| 65279 | 0.18 | 2.0 | <0.01 | 0.03 | 5.53 | 2.81 |
| 65280 | 0.10 | 0.5 | <0.01 | 0.02 | 5.02 | 2.74 |
| 65281 | 0.32 | 1.7 | 0.06 | <0.01 | 13.85 | 3.05 |
| 65282 | 0.27 | 5.6 | 0.25 | 0.03 | 23.17 | 3.33 |
| 65283 | 0.11 | <0.1 | <0.01 | <0.01 | 6.84 | 2.88 |
| 65284 | 0.49 | 4.7 | <0.01 | 0.01 | 29.57 | 4.01 |
| 65285 | 0.26 | 1.2 | 0.02 | 0.02 | 15.31 | 3.19 |
| 65286 | 0.15 | <0.1 | 0.05 | 0.02 | 10.43 | 3.23 |
| 65287 | 0.12 | 1.1 | <0.01 | 0.01 | 6.41 | 2.81 |
| 65288 | 0.09 | 0.3 | <0.01 | 0.01 | 6.99 | 2.84 |
| 65289 | 0.11 | 0.7 | <0.01 | 0.01 | 5.63 | 2.82 |
| 65290 | 0.16 | 1.0 | <0.01 | 0.03 | 9.96 | 2.96 |
| 65291 | 0.07 | <0.1 | <0.01 | 0.04 | 5.41 | 2.86 |

279 - 291

329 - 380





February 22, 1991

Work Order # 13071

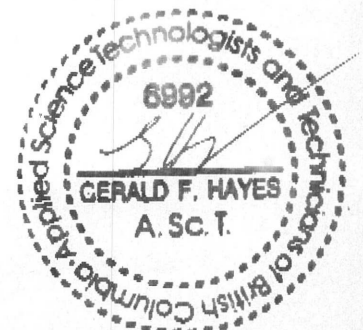
Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

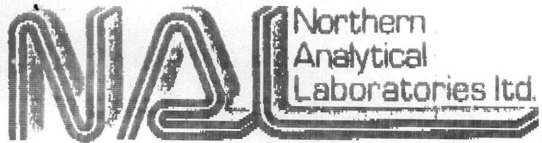
File # 13071

P.O. # 400296

Assay Certificate

| Sample | g/t Au | g/t Ag | %Pb | %Zn | %Fe | SG |
|--------|--------|--------|-------|-------|-------|------|
| 65329 | 1.25 | 123.0 | 9.05 | 10.24 | 19.38 | 4.04 |
| 65330 | 1.02 | 89.0 | 5.46 | 4.78 | 24.11 | 4.32 |
| 65331 | 1.16 | 132.3 | 8.06 | 10.60 | 22.59 | 4.30 |
| 65332 | 0.36 | 4.3 | 0.48 | 1.16 | 8.78 | 2.85 |
| 65333 | 0.81 | 32.2 | 2.31 | 2.73 | 17.70 | 3.42 |
| 65334 | 0.98 | 61.4 | 4.10 | 7.86 | 17.20 | 3.68 |
| 65335 | 0.88 | 66.7 | 4.32 | 10.60 | 15.49 | 3.34 |
| 65336 | 0.83 | 190.8 | 11.20 | 22.20 | 15.96 | 4.23 |
| 65337 | 1.27 | 130.7 | 9.21 | 16.10 | 12.42 | 3.68 |
| 65338 | 0.55 | 87.4 | 4.58 | 10.10 | 10.25 | 3.36 |
| 65339 | 0.12 | 3.5 | 0.21 | 0.29 | 4.25 | 2.58 |
| 65340 | 0.85 | 85.6 | 3.55 | 9.39 | 11.51 | 3.39 |
| 65341 | 0.51 | 70.5 | 3.00 | 9.45 | 20.21 | 3.73 |
| 65342 | 0.32 | 13.3 | 1.09 | 4.09 | 28.46 | 3.86 |
| 65343 | 0.09 | 9.8 | 0.75 | 1.65 | 15.97 | 3.26 |
| 65344 | 0.62 | 192.1 | 7.92 | 23.90 | 10.56 | 3.88 |
| 65345 | 0.31 | 31.2 | 2.57 | 6.39 | 12.20 | 3.18 |
| 65346 | 0.62 | 169.8 | 8.23 | 22.80 | 12.81 | 3.94 |
| 65347 | 0.94 | 106.1 | 6.95 | 13.60 | 16.48 | 3.89 |
| 65348 | 0.47 | 108.6 | 6.20 | 21.40 | 6.34 | 3.39 |
| 65349 | 0.04 | <0.1 | 0.05 | 0.11 | 3.55 | 2.54 |
| 65350 | 0.06 | <0.1 | 0.06 | 0.07 | 4.40 | 2.69 |
| 65351 | 0.11 | 50.8 | 3.44 | 7.14 | 31.58 | 3.74 |
| 65352 | 0.06 | 1.5 | 0.16 | 0.32 | 3.25 | 2.86 |
| 65353 | 0.03 | <0.1 | 0.03 | 0.02 | 4.40 | 2.86 |
| 65354 | 0.16 | 60.2 | 3.29 | 9.57 | 40.78 | 4.22 |
| 65355 | 0.43 | 67.2 | 3.81 | 10.60 | 17.23 | 3.47 |
| 65356 | 0.42 | 108.6 | 4.35 | 9.54 | 18.44 | 3.77 |
| 65357 | 0.40 | 49.4 | 2.60 | 6.64 | 28.52 | 4.11 |





March 1, 1991

Work Order # 13074

Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

File # 13074b

P.O. # 400300

Assay Certificate

| Sample | g/t Au | g/t Ag | %Pb | %Zn | %Fe | SG |
|--------|--------|--------|-------|------|-------|------|
| 65358 | 0.07 | 3.1 | <0.01 | 0.02 | 3.18 | 2.79 |
| 65359 | 0.06 | 5.2 | 0.28 | 0.41 | 6.27 | 2.81 |
| 65360 | 0.29 | 99.6 | 4.05 | 8.55 | 20.52 | 3.42 |
| 65361 | 0.42 | 69.1 | 3.41 | 7.22 | 14.79 | 3.45 |
| 65362 | 0.06 | 0.9 | 0.05 | 0.11 | 3.94 | 2.80 |
| 65363 | 0.08 | 0.7 | 0.04 | 0.17 | 3.30 | 2.79 |
| 65364 | 0.31 | 39.9 | 2.01 | 4.52 | 2.57 | 2.87 |
| 65365 | 0.11 | 8.3 | 0.51 | 1.43 | 3.51 | 2.77 |
| 65366 | 0.28 | 17.8 | 1.01 | 2.04 | 4.39 | 2.84 |
| 65367 | 0.10 | 10.8 | 0.81 | 0.11 | 3.49 | 2.81 |
| 65368 | 0.66 | 31.5 | 1.82 | 2.89 | 5.76 | 2.59 |
| 65369 | 0.04 | 0.6 | 0.07 | 0.09 | 5.44 | 2.81 |
| 65370 | 0.07 | 2.6 | 0.20 | 0.32 | 3.68 | 2.78 |
| 65371 | 0.09 | 5.5 | 0.30 | 0.40 | 3.23 | 2.74 |
| 65372 | 0.02 | <0.1 | 0.02 | 0.09 | 2.79 | 2.75 |
| 65373 | 0.02 | 1.3 | 0.26 | 0.83 | 7.12 | 2.67 |
| 65374 | 0.01 | 2.6 | 0.25 | 0.35 | 4.99 | 2.82 |
| 65375 | 0.44 | 19.5 | 0.44 | 2.32 | 4.54 | 2.74 |
| 65376 | 0.01 | <0.1 | 0.04 | 0.10 | 4.80 | 2.85 |
| 65377 | 0.16 | 3.2 | 0.31 | 0.91 | 10.28 | 2.94 |
| 65378 | 0.02 | 0.1 | 0.06 | 0.21 | 2.86 | 2.80 |
| 65379 | 0.04 | 0.1 | 0.06 | 0.18 | 2.20 | 2.82 |
| 65380 | 0.23 | 19.7 | 1.07 | 2.06 | 3.45 | 2.85 |

DKH



ROSSBACHER LABORATORY LTD.

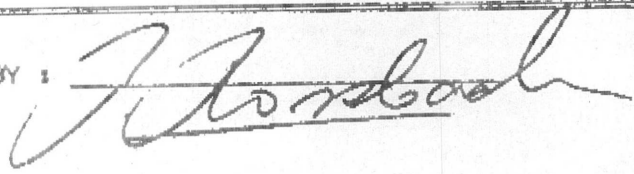
2225 S. Springer Ave., Burnaby
British Columbia, Can. V5B 1
Ph: (604)299-6910 Fax: 299-82

CERTIFICATE OF ANALYSIS

TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.
PROJECT : 13074
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # : WO#13074
INVOICE # : 20202
DATE ENTERED : 91-03-08
FILE NAME : NAL91056
PAGE # : 1

| FRE FIX | SAMPLE NAME | % Ba | % BaSO4 |
|------------|-------------|---------|------------|
| P | 65279 | 0.25 | 0.42 |
| P | 65280 | 0.26 | 0.44 |
| P | 65281 | 0.22 | 0.37 |
| P | 65282 | 0.11 | 0.19 |
| P | 65283 | 0.25 | 0.42 |
| P | 65284 | 0.06 | 0.10 |
| P | 65285 | 0.11 | 0.19 |
| P | 65286 | 0.16 | 0.27 |
| P | 65287 | 0.26 | 0.44 |
| P | 65288 | 0.30 | 0.51 |
| P | 65289 | 0.27 | 0.46 |
| P | 65290 | 0.22 | 0.37 |
| P | 65291 | 0.43 | 0.73 |
| P | 65358 | 0.45 | 0.76 |
| P | 65359 | 0.60 | 1.02 |
| P | 65360 | 0.15 | 0.25 |
| P | 65361 | 0.22 | 0.37 |
| P | 65362 | 0.76 | 1.29 |
| P | 65363 | 0.76 | 1.29 |
| P | 65364 | 0.40 | 0.68 |
| P | 65365 | 0.62 | 1.05 |
| P | 65366 | 0.37 | 0.63 |
| P | 65367 | 0.29 | 0.49 |
| P | 65368 | 0.16 | 0.27 |
| P | 65369 | 0.23 | 0.39 |
| P | 65370 | 0.22 | 0.37 |
| P | 65371 | 0.26 | 0.44 |
| P | 65372 | 0.17 | 0.29 |
| P | 65373 | 0.22 | 0.37 |
| P | 65374 | 0.12 | 0.20 |
| P | 65375 | 0.15 | 0.25 |
| P | 65376 | 0.24 | 0.41 |
| P | 65377 | 0.44 | 0.75 |
| P | 65378 | 0.08 | 0.14 |
| P | 65379 | 0.15 | 0.25 |
| P | 65380 | 1.08 | 1.63 |

CERTIFIED BY : 

Mar. 8 '91 16:55 0000 NAL

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3M1
Ph: (604)290-6910 Fax: 298-6252

CERTIFICATE OF ANALYSIS

LABORATORY : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.
PROJECT : 13071
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # :
INVOICE # : WO#13071
DATE ENTERED : 20203
FILE NAME : 91-03-08
PAGE # : NAL91057
1

| INDEX | SAMPLE NAME | % Ba | % BaSO4 |
|-------|-------------|---------|------------|
| | 65329 | 3.48 | 5.91 |
| | 65330 | 7.34 | 12.47 |
| | 65331 | 4.02 | 6.83 |
| | 65332 | 2.20 | 3.74 |
| | 65333 | 0.25 | 0.42 |
| | 65334 | 2.40 | 4.08 |
| | 65335 | 5.98 | 10.16 |
| | 65336 | 2.00 | 3.40 |
| | 65337 | 0.29 | 0.49 |
| | 65338 | 5.22 | 8.87 |
| | 65339 | 2.10 | 3.57 |
| | 65340 | 4.28 | 7.27 |
| | 65341 | 0.47 | 0.80 |
| | 65342 | 0.77 | 1.31 |
| | 65343 | 5.58 | 9.48 |
| | 65344 | 5.30 | 9.00 |
| | 65345 | 0.47 | 0.80 |
| | 65346 | 2.22 | 3.77 |
| | 65347 | 2.02 | 3.43 |
| | 65348 | 1.02 | 1.73 |
| | 65349 | 2.14 | 3.64 |
| | 65350 | 3.28 | 5.57 |
| | 65351 | 0.76 | 1.29 |
| | 65352 | 5.02 | 8.53 |
| | 65353 | 8.30 | 14.10 |
| | 65354 | 0.65 | 1.10 |
| | 65355 | 3.12 | 5.30 |
| | 65356 | 3.28 | 5.57 |
| | 65357 | 0.45 | 0.76 |

CERTIFIED BY





February 5, 1991

Work Order # 13055

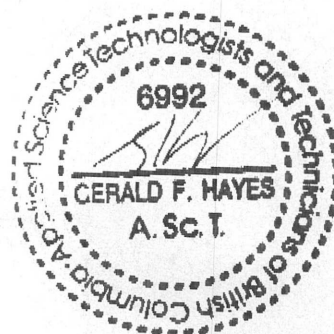
Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

File # 13055a

P.O. # 400289

Assay Certificate

| Sample | g/t Au | g/t Ag | %Pb | %Zn | %Fe | SG |
|--------|--------|--------|------|-------|-------|------|
| 65228 | 0.32 | 2.6 | 0.07 | 0.08 | 11.14 | 2.97 |
| 65229 | 0.11 | 5.8 | 0.23 | 0.05 | 16.66 | 3.31 |
| 65230 | 0.11 | 8.0 | 0.47 | 0.73 | 15.88 | 3.34 |
| 65231 | 0.26 | 4.4 | 0.11 | <0.01 | 17.18 | 3.26 |
| 65232 | 0.20 | 8.5 | 0.10 | 0.10 | 15.78 | 3.27 |
| 65233 | 0.21 | 8.2 | 0.11 | 0.05 | 17.82 | 3.23 |
| 65234 | 0.13 | 3.9 | 0.09 | 0.20 | 7.78 | 2.75 |
| 65235 | 0.34 | 5.6 | 0.44 | 0.50 | 10.96 | 2.96 |
| 65236 | 0.07 | 0.8 | 0.03 | <0.01 | 5.15 | 2.81 |
| 65237 | 0.03 | 0.3 | 0.03 | <0.01 | 4.48 | 2.83 |
| 65238 | 0.15 | 1.2 | 0.14 | 0.01 | 8.68 | 2.95 |
| 65239 | 0.47 | 1.0 | 0.11 | <0.01 | 12.01 | 3.10 |
| 65240 | 0.14 | 2.1 | 0.10 | 0.05 | 15.39 | 3.06 |



ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph: (604)299-6910 Fax:299-6252

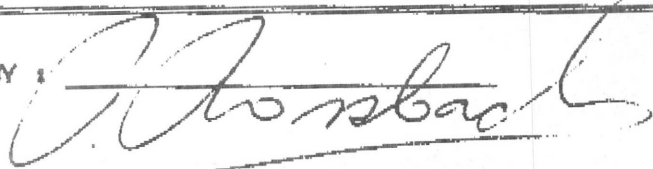
CERTIFICATE OF ANALYSIS

TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.
PROJECT : WO 13055
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # : WO 13055
INVOICE # : 20186
DATE ENTERED : 91-02-18
FILE NAME : NAL91033
PAGE # : 1

| PRE FIX | SAMPLE NAME | % Ra | % BaSO4 |
|------------|-------------|---------|------------|
| P | 65228 | 0.42 | 0.70 |
| P | 65229 | 0.14 | 0.23 |
| P | 65230 | 0.17 | 0.28 |
| P | 65231 | 0.18 | 0.30 |
| P | 65232 | 0.23 | 0.38 |
| P | 65233 | 0.28 | 0.47 |
| P | 65234 | 0.40 | 0.67 |
| P | 65235 | 0.23 | 0.38 |
| P | 65236 | 0.28 | 0.47 |
| P | 65237 | 0.29 | 0.48 |
| P | 65238 | 0.26 | 0.43 |
| P | 65239 | 0.20 | 0.33 |
| P | 65240 | 0.20 | 0.33 |

CERTIFIED BY :





March 8, 1991

Work Order # 13078

Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

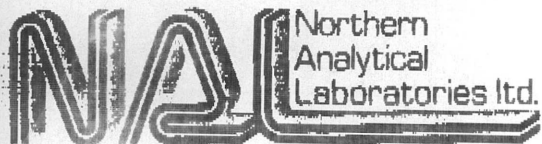
File # 13078a

P.O. # 400302

Assay Certificate

| Sample | g/t Au | g/t Ag | %Pb | %Zn | %Fe | SG |
|--------|--------|--------|-------|-------|-------|------|
| 65292 | 0.07 | 4.7 | 0.35 | 0.46 | 8.76 | 2.93 |
| 65293 | 0.09 | 0.7 | 0.06 | 0.01 | 3.72 | 2.80 |
| 65294 | 0.04 | 1.8 | 0.14 | 0.16 | 5.21 | 2.86 |
| 65295 | 0.07 | 2.8 | 0.29 | 0.17 | 6.87 | 2.88 |
| 65296 | 0.07 | 6.1 | 0.47 | 0.65 | 4.64 | 2.83 |
| 65297 | 0.07 | 0.3 | 0.02 | 0.01 | 3.97 | 2.85 |
| 65298 | 0.02 | <0.1 | 0.03 | <0.01 | 3.58 | 2.82 |
| 65299 | 0.06 | <0.1 | 0.01 | <0.01 | 3.12 | 2.84 |
| 65300 | 0.10 | 2.7 | 0.20 | 0.32 | 4.17 | 2.72 |
| 65301 | 0.84 | 48.5 | 3.06 | 3.84 | 21.94 | 4.48 |
| 65302 | 0.52 | 39.2 | 2.90 | 2.23 | 23.09 | 4.21 |
| 65303 | 0.09 | 7.0 | 0.46 | 0.20 | 9.40 | 2.99 |
| 65304 | 0.07 | 2.5 | 0.11 | 0.06 | 5.36 | 2.86 |
| 65305 | 0.13 | 5.2 | 0.28 | 0.32 | 6.76 | 2.95 |
| 65306 | 0.08 | 0.6 | 0.04 | 0.08 | 5.91 | 2.84 |
| 65307 | 0.09 | 0.4 | 0.02 | 0.03 | 5.44 | 2.84 |
| 65308 | 0.02 | 0.3 | <0.01 | 0.01 | 5.10 | 2.84 |
| 65309 | 0.51 | 20.7 | 1.13 | 0.50 | 19.97 | 3.38 |
| 65310 | 0.78 | 17.3 | 0.45 | 0.12 | 28.27 | 4.13 |
| 65311 | 1.27 | 107.2 | 5.08 | 5.20 | 11.36 | 4.26 |
| 65312 | 0.87 | 23.7 | 1.25 | 0.18 | 27.53 | 4.49 |
| 65313 | 1.31 | 29.9 | 1.30 | 0.63 | 30.22 | 4.40 |
| 65314 | 1.23 | 11.6 | 0.40 | 0.12 | 30.71 | 4.34 |
| 65315 | 0.46 | 32.6 | 1.81 | 1.28 | 22.36 | 3.89 |
| 65316 | 0.35 | 21.6 | 1.33 | 0.78 | 15.99 | 3.26 |
| 65317 | 0.43 | 29.5 | 1.90 | 0.94 | 18.41 | 3.38 |
| 65318 | 0.88 | 15.6 | 0.50 | 0.18 | 31.45 | 4.37 |
| 65319 | 0.76 | 16.9 | 0.53 | 0.32 | 27.27 | 4.11 |
| 65320 | 1.11 | 8.8 | 0.15 | 0.09 | 27.84 | 4.14 |
| 65321 | 1.82 | 42.9 | 1.57 | 1.00 | 22.32 | 3.81 |





March 8, 1991

Work Order # 13078

Curragh Resources Inc.
 117 Industrial Road.
 Whitehorse, Yukon
 Y1A 2T8

File # 13078b

P.O. # 400302

Assay Certificate

| Sample | g/t Au | g/t Ag | %Pb | %Zn | %Fe | SG |
|--------|--------|--------|------|------|-------|------|
| 65322 | 0.40 | 17.3 | 0.85 | 1.44 | 5.43 | 2.91 |
| 65323 | 0.45 | 14.3 | 1.03 | 1.06 | 23.62 | 3.90 |
| 65324 | 0.21 | 20.7 | 1.31 | 2.31 | 6.98 | 2.97 |
| 65325 | 0.07 | <0.1 | 0.01 | 0.05 | 4.25 | 2.78 |
| 65326 | 0.09 | 1.1 | 0.07 | 0.18 | 7.69 | 2.85 |
| 65327 | 0.37 | 3.2 | 0.17 | 0.20 | 13.54 | 3.13 |
| 65328 | 0.35 | 1.2 | 0.13 | 0.14 | 10.67 | 3.01 |

