

DDH 9.1-G49 (XX)  
2 8

CURRAGH RESOURCES INC.  
Lithologic Log

004074

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Date: AP 18/91 Logged By: D. TENNEY

0.0 - 21.0 84

| Code | From     | To                | Recov. | No. | Unit              | Description   |
|------|----------|-------------------|--------|-----|-------------------|---|
| 1    | 10 14 16 | 20 22 24 26 28 30 | 34 35  |     |                   |   |
|      | 10 0     | 15 21             |        |     |                   | OVERBURDEN - GRANITE Boulders FROM 21.0 + SANA  |
|      | 15 21    | 15 39             |        |     | 1210              | GRADE - W<br>DARK GREY GREEN MICROCLITE CHLORITE PHYLLITE - WELL FOLIATED (50-60°) V. WELL JOINTED - BROKEN - MUDDY<br>LOST CORE.   |
|      | 15 39    | 15 74             |        |     | 1210              | GRADE - W<br>DARK GREY/GREEN MICROCLITE CHLORITE PHYLLITE + FOLIATIONS<br>30-60° WELL JOINTED MUDDY IN PLACES. ESPECIALLY<br>LOST 30 CM.  |
|      | 15 74    | 15 98             |        |     | 1310              | GRADE - W<br>DARK GREY/BLACK CARBONACEOUS PHYLLITE - JOINTED WITH<br>SOME MUD ON PARTINGS - FOLIATION 30-45°.   |
|      | 15 98    | 16 10 4           |        |     | 1414 (SXGZ) 90:10 | GRADE - L<br>MUDDY LIGHT BROWN METASANDSTONE WITH GREEN FUCHSITE<br>Tough Block MASSIVE PYRITIC ORE WITH TECTONIC BRECCIA<br>TEXTURE - FRAGMENTED SUB-ROUNDED AND MINERALISED - MnOx<br>MINERALIC + F.GR SPHALERITE & GALENA. |
|      | 16 10 4  | 16 10 7           |        |     | 15 ZGX            | GRADE - H<br>MASSIVE PYRITIC SULPHIDES - TECTONIC BRECCIA WITH 0.5 - 2.4 CM<br>SUB-ROUNDED PYRITE FRAGMENTS SOMETIMES MINERALISED PbS+ZnS<br>10 MINERALISED PYRITIC MATRIX - VERY HIGH GRADE IN PLACES                        |

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|------|------|----|------|----|--------|----|-----|----|------|----|-------------|--|
|      | 10   | 14 | 16   | 20 | 22     | 24 | 26  | 28 | 30   | 34 |             | 35   |
|      | 1610 | 7  | 1613 | 4  |        |    |     |    |      | 15 | ZG          | GRADE - H/V  |
|      |      |    |      |    |        |    |     |    |      |    |             | MASSIVE FINE GRAINED PYRITIC SULPHIDES WITH SOMETIMES                |
|      |      |    |      |    |        |    |     |    |      |    |             | VERY HIGH GRADE PATCHES, DISSEMINATED SPHALERITE AND                 |
|      |      |    |      |    |        |    |     |    |      |    |             | GALENA - BANDING (S2?) AT $\pm 5-10^\circ$ IN CORE.                  |
|      |      |    |      |    |        |    |     |    |      |    |             | VERY MINOR PATCH SILICEOUS ORE AT 60.9m - CA $\pm 5^\circ$           |
|      |      |    |      |    |        |    |     |    |      |    |             | GOOD CORING. - IS THIS NOSE OF FOLD? 62.2m - CONTACT                 |
|      |      |    |      |    |        |    |     |    |      |    |             | 5ZG/4ZG AT $15^\circ$  |
|      | 1613 | 4  | 1614 | 8  |        |    |     |    |      | 7  |             | GRADE - V  |
|      |      |    |      |    |        |    |     |    |      |    |             | MASSIVE BARITIC ORE WITH PATCHES RICH IN FINE                        |
|      |      |    |      |    |        |    |     |    |      |    |             | GRAINED PYRITE BANDING (FOLIATION) AT VERY LOW ANGLE                 |
|      |      |    |      |    |        |    |     |    |      |    |             | 2cm BAND METABASITE AT 65.0m + GREEN FUCHSITE.                       |
|      |      |    |      |    |        |    |     |    |      |    |             | GOOD CORING.   |
|      | 1614 | 8  | 1615 | 1  |        |    |     |    |      | 4  | ZG          | GRADE H/V  |
|      |      |    |      |    |        |    |     |    |      |    |             | SILICEOUS PYRITIC SULPHIDES PATCHES HEAVY SPHALERITE                 |
|      |      |    |      |    |        |    |     |    |      |    |             | GALENA - GOOD CORING - BANDING (S2 FOLIATION) IN                     |
|      |      |    |      |    |        |    |     |    |      |    |             | SULPHIDES AT $25^\circ$  |
|      | 1615 | 1  | 1616 | 9  |        |    |     |    |      | 5  | ZG          | GRADE - L  |
|      |      |    |      |    |        |    |     |    |      |    |             | MASSIVE FINE GRAINED PYRITIC SULPHIDES PARTLY UGGY                   |
|      |      |    |      |    |        |    |     |    |      |    |             | (2% UUGS) SILE. HEAVY SPHALERITE GALENA IN PATCHES - FEW SECTIONS    |
|      |      |    |      |    |        |    |     |    |      |    |             | UNMINERALISED - MODERATE CORING JOINED AT END.                       |
|      | 1616 | 9  | 1618 | 6  |        |    |     |    |      | 7  |             | GRADE - V  |
|      |      |    |      |    |        |    |     |    |      |    |             | MASSIVE BARITIC ORE  |
|      |      |    |      |    |        |    |     |    |      |    |             | FINE GRAINED PYRITE - BANNED IN PLACES $30^\circ$ - IN BARITE MATRIX |

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Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

| Code | From | To | Recov. | No. | Unit | Description |    |    |    |    |     |   |   |
|------|------|----|--------|-----|------|-------------|----|----|----|----|-----|---|---|
| 1    | 10   | 14 | 16     | 20  | 22   | 24          | 26 | 28 | 30 | 34 | 35  |   |   |
|      |      |    |        |     |      |             |    |    |    |    |     | GOOD CORING - SOME JOINTING   |   |
|      | 1618 | 6  | 1618   | 8   |      |             |    |    |    | 5  | ZGX | GRADE - L   |   |
|      |      |    |        |     |      |             |    |    |    |    |     | MASSIVE PYRITIC SULPHIDES - TECTONIC BRECCIA (0.25-3cm SUBROUNDED FRAGMENTS - MINOR SPHALERITE GALENA MAINLY IN STRIPERS - GOOD CORING. |   |
|      | 1618 | 8  | 1619   | 1   |      |             |    |    |    |    | 7   | GRADE - ✓   |   |
|      |      |    |        |     |      |             |    |    |    |    |     | MASSIVE GREY BARITIC ORE - BANDING AT LOW ANGLE (5°)  |   |
|      | 1619 | 1  | 1619   | 8   |      |             |    |    |    |    | 5X  | GRADE - M   |   |
|      |      |    |        |     |      |             |    |    |    |    |     | TECTONIC BRECCIA WITH PYRITIC FRAGMENTS AS ABOVE  |   |
|      |      |    |        |     |      |             |    |    |    |    |     | LARGELY VERY LOW GRADE BUT WITH HIGH GRADE PATCHES TOWARDS END.   |   |
|      | 1619 | 8  | 170    | 4   |      |             |    |    |    |    | 5   | ZG  | GRADE - M.  |
|      |      |    |        |     |      |             |    |    |    |    |     | MASSIVE PYRITIC SULPHIDES - HEAVY SPHALERITE/GALENA IN PLACES   |   |
|      |      |    |        |     |      |             |    |    |    |    |     | 2% UGS. ROUGH BANDING (S2 FOLIATION?) AT LOW ANGLES.  |   |
|      |      |    |        |     |      |             |    |    |    |    |     | GOOD CORING   |   |
|      | 170  | 4  | 171    | 9   |      |             |    |    |    |    | 7   |   | GREYISH HIGH GRADE BARITIC ORE WITH BANDING (S2 FOLIATION) AT LOW ANGLE (~20°) - SHORT SECTION METABASITE 70.7-70.8 WITH FUCHSITE - GOOD CORING |
|      | 171  | 9  | 172    | 3   |      |             |    |    |    |    | 5   |   | GRADE - L   |

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|------|----------|----------|----------|-------|------|--|
| 1    | 10 14 16 | 20 22 24 | 26 28 30 | 34 35 |      |  |
|      |          |          |          |       |      | MASSIVE PYRITIC SULPHIDES + FRAGMENTAL TEXTURE<br>(TECTONIC BRECCIA) - 3% VUGS - GOOD CORING.  |
|      | 712 3    | 713 2    |          |       | 7    | GRADE - H  |
|      |          |          |          |       |      | MASSIVE UNIFORM BARRIC ORE. - BANDING (J2 FOLATION) 45°<br>2% VUGS - GOOD CORING. - FINE GRAINED ZNS. PLS  |
|      | 713 2    | 715 3    |          |       | 5    | ZG. GRADE - M  |
|      |          |          |          |       |      | MASSIVE FINE GRAINED PYRITIC ORE - MINOR BARITE + FINE GRAINED<br>SPHALERITE/GALENA. - GOOD CORING SOME JOINTING.  |
|      | 715 3    | 715 4    |          |       | 144  | GRADE L  |
|      |          |          |          |       |      | METABASITE DYKE + GREEN FUCHSITE - MUFFY + ANKERITE, PYRITE<br>(3%)  |
|      | 715 4    | 716 4    |          |       | 5    | ZGB GRADE M  |
|      |          |          |          |       |      | MAINLY MASSIVE PYRITIC SULPHIDES WITH SECTIONS OF BARITE AT<br>START AND END - SPHALERITE + GALENA MAINLY AS BLENDS IN PYRITE<br>NOT HIGH GRADE - GOOD CORING. |
|      | 716 4    | 716 5    |          |       | 144  | GRADE L  |
|      |          |          |          |       |      | BROKEN CORE WITH FRAGMENTS METABASITE + FUCHSITE.  |
|      | 716 5    | 717 4    |          |       | 5    | BZG GRADE M  |
|      |          |          |          |       |      | MASSIVE PYRITIC SULPHIDES <10% GREY BARITE MATRIX -<br>FINE GRAINED ZNS + PLS - MINOR METABASITE + FUCHSITE<br>MAINLY BROKEN CORE - WEAKLY LEACHED - POROUS.   |

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|      | 10   | 14 | 16     | 20  | 22   | 24          | 26 | 28 | 30 | 34 | 35    |   |
|      | 717  | 4  | 1719   | 6   |      |             |    |    |    | 5  |       | GRADE L   |
|      |      |    |        |     |      |             |    |    |    |    |       | MASSIVE PYRITIC SULPHIDES BANDING 50° (S2?) - TRACED PbS-ZnS. |
|      |      |    |        |     |      |             |    |    |    |    |       | JOINTED PARTLY BROKEN CORE 3CM METABASITE DYKE AT 79.4        |
|      |      |    |        |     |      |             |    |    |    |    |       | (77° CONTACT)   |
|      | 719  | 6  | 810    | 2   |      |             |    |    |    | 5  | (44)  | 50:50 GRADE L/W   |
|      |      |    |        |     |      |             |    |    |    |    |       | MASSIVE PYRITIC SULPHIDES + BROKEN CORE WITH FRAGMENT.        |
|      |      |    |        |     |      |             |    |    |    |    |       | METABASITE + FUCHSITE. - PYRITE IS VUGGY (3% VUGS)            |
|      | 810  | 2  | 810    | 8   |      |             |    |    |    | 5  |       | GRADE W   |
|      |      |    |        |     |      |             |    |    |    |    |       | MASSIVE FINE GRAINED PYRITE - BARREN - 3% VUGS. 10CM          |
|      |      |    |        |     |      |             |    |    |    |    |       | INCLUSION OF S2 AT 80.5M - GOOD CORING.                       |
|      | 810  | 8  | 812    | 8   |      |             |    |    |    | 7  |       | GRADE H.  |
|      |      |    |        |     |      |             |    |    |    |    |       | MASSIVE BARITIC ORE - PYRITE (60%) TINGED GREY BY BARITE      |
|      |      |    |        |     |      |             |    |    |    |    |       | (30%) BANDED (75°) - FAIR CORING, SOME BROKEN CORE.           |
|      | 812  | 8  | 813    | 4   |      |             |    |    |    | 5  | (S2Q) |   |
|      |      |    |        |     |      |             |    |    |    |    |       | LIGHT BUFF BROWN ALTERED PHYLLITE + PDS WHITE VEIN RTZ        |
|      |      |    |        |     |      |             |    |    |    |    |       | SECTIONS FINE GRAINED PYRITE UP TO 20CM FOLIATION (S2)        |
|      |      |    |        |     |      |             |    |    |    |    |       | AT HIGH ANGLE ~ 80° - GOOD CORING -                           |
|      | 813  | 4  | 814    | 7   |      |             |    |    |    | S2 |       |   |
|      |      |    |        |     |      |             |    |    |    |    |       | LIGHT BUFF BROWN/GREEN ALTERED MUSCOVITE SERICITE TALL        |
|      |      |    |        |     |      |             |    |    |    |    |       | PHYLLITE, MAINLY STRONGLY JOINTED TO BROKEN WITH SOME         |
|      |      |    |        |     |      |             |    |    |    |    |       | MUD. - FOLIATION AT HIGH ANGLE (~80°).                        |









# CURRAGH RESOURCES INC.

## GEOTECHNICAL LOG

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91-G-49

Units: Feet / Metres

Date:

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D. TENNEY

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| Run<br>(Length) | TCR<br>(Length) | ROD<br>(Length) | Strength | Degree<br>Breakage | Weathering<br>Alteration | FRACTURES |       |     |      |       |       |     |      |       |       |     |      | CORE<br>SIZE | COMMENTS |
|-----------------|-----------------|-----------------|----------|--------------------|--------------------------|-----------|-------|-----|------|-------|-------|-----|------|-------|-------|-----|------|--------------|----------|
|                 |                 |                 |          |                    |                          | 0-30      |       |     |      | 30-65 |       |     |      | 65-90 |       |     |      |              |          |
|                 |                 |                 |          |                    |                          | No        | Rough | Alt | Type | No    | Rough | Alt | Type | No    | Rough | Alt | Type |              |          |
| 52.1            | -               | -               |          |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 55.2            | 2.0             | 0               | 11       |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 57.9            | 1.7             | 0               | 1:0      |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 60.4            | 2.5             | 0.4             | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 63.4            | 3.0             | 2.7             | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 67.4            | 4.0             | 2.6             | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 70.4            | 3.0             | 2.2             | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 73.5            | 2.9             | 2.2             | .1       |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 75.0            | 1.5             | 1.0             | .5       |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 76.5            | 1.5             | 1.0             | .5       |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 77.4            | 0.8             | 0               | .1       |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 78.9            | 1.5             | 0.9             | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 80.2            | 1.3             | 0.3             | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 81.7            | 1.5             | 1.3             | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 82.6            | 0.9             | 0.3             | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 84.0            | 1.4             | 0.4             | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 84.7            | 0.7             | 0               | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 86.3            | 1.6             | 0               | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 87.8            | 1.5             | 0               | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 88.7            | 0.6             | 0               | .3       |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 89.9            | 1.2             | 0               | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 91.4            | 1.5             | 0.4             | 0        |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |
| 93.0            | 1.1             | 0.3             | .5       |                    |                          |           |       |     |      |       |       |     |      |       |       |     |      |              |          |