UU4112

DDH 916-18 (u)

CURRAGH RESOURCES INC.

Lithologic Log

Date: MAY '91 Logged By: J. Scott

Code	From	To	Recov.	No.	Unit	Description
	0.0	2.0			84	CASING
	2.0	6.1			86	O/B, clay & boulders poor to very poor recovery
	6.1	12.1			86	O/B, SAND and rubble very poor recovery.
	12.1	29.3			2	ZG ± L ± P → 3 Bleached light gray, non-calcareous, strongly mineralized unit was a graphitic phyllite. Unit hosts 0-trace quartz rarely up to 3%. Limonite is common above 24.4 occurring coating fractures and sporadically invading matrix. Below 24.4 Limonite is sporadic on most low angle fractures. Lower Contact is sharp and gouge band appearing // S_2. Estimated grade is 12-15%
	29.3	29.9			72	→ 44 # L Light gray to buff, noncalcareous gouge hosts remenant fragments of altered metabasite. Limonite is common and occurs throughout. Upper and lower contacts are crushed and appear // S_2
	29.9	32.9			2	± L (22 ± A → 3) 70:30 Dark gray to black non-calcareous graphitic phyllite is moderately mineralized and is strongly bleached light gray to white at upper and lower contacts over 30cm. Limonite is sporadic and occurs on fracture surfaces. Upper and lower

DDH 916-18

CURRAGH RESOURCES INC.
Lithologic Log

Date: Mar '91 Logged By: S. Zbeetnoff

From	To	Recov.	No.	Unit	Description
					contacts are sharp and marked by gouge and crushed rock. Contacts appear // S_2. Estimated grade is 5-7%
32.9	34.8			AA	#j (2G ± P → 3) 60:40 Light brownish buff, non-calcareous, fuchsite bearing metabasite is crushed locally gouge and rarely moderately competent. Interval hosts bleached graphitic quartzite = 33.9 - 34.5. All contacts are sharp and // S_2. Bleached quartzite hosts 5-7% pyrite and trace - 2% pyrite.
34.8	38.9			2	2G ± P → 3 Bleached light gray, non-calcareous graphitic quartzite is strongly mineralized and hosts scattered occurrences of pyrite. Upper contact is sharp, crushed and // S_2. Lower contact is moderately irregular but generally trends // S_2
38.9	39.8			H	2PP (2W) trace Purple and brassy yellow unit is highly siliceous non-calcareous and is very strongly mineralized. Unit hosts 25-35% pyrite within a spkt silica matrix. Interval contains trace - 1% contorted siliceous graphitic fragments that lack sulphides.

CDI 1987 F-7

DDH 91G-18

CURRAGH RESOURCES INC.

Lithologic Log

Date: MAY '91 Logged By: [signature]

Code	From	To	Recov.	No.	Unit	Description
						Rock is very hard and moderately broken. Upper contact is irregular but generally // S_2. Lower contact is sharp and // S_2. Estimated grade is 20%
	39.8	43.4			2	22 ± P →3 Light to medium light gray, non-calcareous, bleached graphitic phyllite is strongly mineralized and hosts trace-3% pyrite. Upper and lower contacts are sharp and // S_2. Estimated grade is 17%.
	43.4	44.3			4f	#j ± c (5g → 4PP) Buff brown, slightly calcareous metabasite is strongly broken and hosts trace fuchsite. Interval hosts a 3cm band of siliceous massive to semimassive sulphides at lower contact. Sulphide band hosts 50-60% pyrite. All contacts are sharp and // S_2. No grade, recovery is fair.
	44.3	53.2			3a	P → 7f (72: 30f ± 2) 95:05: trace Dark gray to black, noncalcareous graphitic phyllite hosts 3-4% pyrite and is generally strongly broken. At 48.8 - 51.0 unit is generally crushed with sporadic 10-30cm gouge bands. Very rare occurrences of sphalerite exist between 46.6 - 47.0. Upper and lower contacts are sharp and // S_2. No grade.

DDH 91G-18 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: MAY '91 Logged By: J Zuccotti

Code	From	To	Recov.	No.	Unit	Description
	53.2	54.9			7	(44#j) 90:10 Purplish brown, non-calcareous, moderately to strongly baritic massive sulphide unit hosts very strong mineralization and 20-25% pyrite. Interval hosts 10-12% .2m-scale bands and cm scale wisps and clots of altered pyrrhotite-bearing metabasite. All contacts are sharp and //S_2. Estimated grade is 25-30%
	54.9	59.3			2	(44#j: 22=P→3) 90:07:03 Dark gray to black, non-calcareous graphitic quartzite is moderately mineralized and hosts 3-12% pyrite. Interval hosts altered pyrrhotite-bearing metabasite at 55.9-56.3 and 56.6-56.9. Quartzite adjacent metabasite are bleached from 2.0-30cm. All contacts are sharp at //S_2. Lower contact is marked by 2cm of gouge Estimated grade is 5%
	59.3	60.9			20	S2 (20→54) 98:02 Medium to light gray, non-calcareous, PS_2 foliated phyllite hosts weak rarely moderately strong sericitic alteration a very weak to weak Pb+Zn mineralization //S_2. Unit is slightly to moderately soft and is moderately broken. Upper contact is sharp, //S_2, and marked by 2cm of gouge. Lower contact is gradational with an increase in Pb+Zn mineralization

CRI 1997 F-7A

DDH 91G-18

CURRAGH RESOURCES INC.
Lithologic Log

Date: MAY '91 Logged By: S. Beckett

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						and weak silicification developing down hole. Estimated grade is ≤ 1%.
	60.9	61.1			2	2 ± P → 3 Light gray, non-calcareous, bleached graphitic quartzite is moderately to strongly mineralized and hosts 0-3% pyrite. Upper contact is gradational with an increase in silica downhole. Lower contact is sharp and // S_2. Estimated grade is 7%.
	61.1	61.5			30	P Dark gray to black graphitic phyllite is non-calcareous and hosts 1-2% pyrite. Rock is soft and strongly to moderately broken. Upper and lower contacts are sharp and // S_2. Nil grade.
	61.5	72.5			2	Dark gray to black, non-calcareous, graphitic quartzite is moderately locally strongly mineralized and hosts 5% pyrite. Fissile banding is well developed. Unit contains rare 3-5cm bands of semi-massive pyrite // banding. Upper and lower contacts are sharp and // S_2. Estimated grade is 7%.

DDH 916-18

CURRAGH RESOURCES INC.
Lithologic Log

Date: MAY '91 Logged By: J. Scott

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	72.5	73.0			AA	# ± j ±2 Buff brown, non-calcareous metabasalt is strongly D_2 foliated and hosts very rare occurances of remobilized Zn. Upper and lower contacts are sharp and $\parallel S_2$ No hope for any grade!
	73.0	77.6			2	(22±P→3) 98:02 Dark gray-to black, non-calcareous graphitic phyllite is strongly mineralized. Only the upper most 35-40 cm is bleached light gray. Upper and lower contacts are sharp and $\parallel S_2$ Estimated grade is 12-15%.
	77.6	78.8			AA	# j (2:60c2) 99 : 01 : trace Tanish-buff, non-calcareous, fuchsite-bearing metabasite is strongly $-D_2$ foliated and hosts a 3cm band of strongly mineralized graphitic quartzite @ 78.1. Interval also hosts trace-1% irregular contorted quartz-calcite vein at lower contact. Vein hosts sporadic remobilized clotty Sph. Upper and lower contacts are sharp and $\parallel S_2$. No hope for any grade.

DDH 91G-18

CURRAGH RESOURCES INC.

Lithologic Log

Date: MAY '91 Logged By: D. Eberhardt

Code	From	To	Recov.	No.	Unit	Description
	78.8	92.2			30	P Dark gray to black, non-calcareous graphitic phyllite is PS_2 -foliated, strongly locally very strongly broken to crushed and hosts 3% pyrite. Upper contact is sharp and $// S_2$. Lower contact is gradational with a loss of graphite down hole over 40 cm.
	92.2	100.0			20	± l (20±γQZGw) 99:01 Medium gray, sporadically slightly greenish gray, PS_2 -foliated non-calcareous phyllite is generally moderately broken. AT 96.0 - 96.7 unit is slightly graphitic and hosts a 10cm interval with quartz-dolomite veining with coarse remobilized Zn+Pb. Upper contact is gradational with a loss of graphite down hole. Internal contacts are also gradational with variations in graphite. No grade! EOH @ 100.0m

916-18 (W) DIAMOND DRILLING INC.

Page 10 of 32

ASSAY LOG (SAMPLER'S COPY) Date MAY '91 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10.0	12.1					WASTE
	12.1	13.9	649013		0.6	2	L → 3 ±L
	13.9	14.3	9014		1.0	2	±L → 3 ±L
	14.3	15.5	9015		1.0	2	L → 3L
	15.5	17.4	9016		1.9	2	±L → 3 ±L
	17.4	19.7	9017		2.3	2	±L → 3 ±L
	19.7	20.3	9018		0.6	2	± → 3
	20.3	23.2	9019		2.9	2	→ 3
	23.2	25.5	9110		2.3	2	→ 3
	25.5	26.9	9111		1.4	2	→ 3
	26.9	29.3	9112		2.4	2	→ 3
	29.3	29.9	9113		0.5	72	L → 44L
	29.9	32.4	9114		2.5	2	(2→3) 80:20
	32.4	34.8	9115		1.3	A4	(2→3) 60:40
SG →	34.8	36.7	9116		2.1	2	→ 3
	36.7	38.3	9117		1.3	2	→ 3
	38.2	38.7	9118		0.7	2	→ 3
	38.9	39.8	9119		0.9	A	
	39.8	A1.5	9120		1.5	2	→ 3
	A1.5	A3.4	9121		1.9	2	→ 3
	A3.4	53.2					WASTE
	53.2	54.7	9212		1.6	7	(44#) 90:10
	54.9	56.9	9213		2.0	2	(44#) 80:20
	56.9	59.3	9214		2.4	2	
	59.3	60.9	9215		1.6	20	S ±2G
	60.9	61.1	9216		0.2	2	± → 3
	61.1	61.5	9217		0.4	30	P ± → 72
	61.5	63.4	9218		1.9	2	
	63.4	64.2	9219		0.8	2	(44#) 90 10
SG →	64.2	66.5	9310		2.3	2	
	66.5	68.7	9311		1.2	2	
	68.7	69.6	9312		0.9	2	
	69.6	71.2	9313		1.6	2	
	71.2	72.5	9314		1.3	2	
	72.5	73.0	9315		0.5	44	±P2
	73.0	74.9	649316		1.9	2	

Cont'd

916-18 (w) CURRAGH RESOURCES INC.

Logged by BZ

MAY '91

COLL	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
	74.9	75.9	649317		1.0	2	
SG →	75.9	77.6	649318		1.7	2	
	77.6	100.0					WASTE
							COMP 100.0

DDH 91G-18 **CURRAGH RESOURCES INC.** Page 12 of 16

Structural Log

Date: MAY '91 Logged By: J. Zbeil...

Code	From	To	Feature	Sym	B/L3 Dip	B/L3 Direct.	S1 Dip	S1 Direct.	S2 Dip	S2 Direct	Description
1	10–14	16–20	22–24	26	28	32	34	38	40	44	
		14.3	PS2	S	—	—	18	350	55		
		21.3	PS2		—	—	—	—	52		
		26.6	CS2	S	—	—	10	050	53		very weak S2
		31.7	CS2	S		130	20	030	60		
		37.9	GS2	Z		—	39	141	56		
		41.6	PS2			—	—	—	66		
		46.9	PS2			—	—	—	80		
		52.4	PS2			—	—	—	66		
		57.0	CS2	S		154	20	327	67		
		64.3	PS2			—	—	—	65		
		68.3	CS2	S		—	12	320	78		
		74.5	CS2	S		—	15	355	60		
		78.3	PS2		—	—	—	—	50		
		80.4	PS2		—	—	—	—	48		
		86.7	PS2		—	—	—	—	60		
		94.6	PS2		—	—	—	—	60		
		99.0	PS2		—	—	—	—	60		
											EOH @ 100.0

DDH 916-18 CURRAGH RESOURCES INC.

Fault Log

Date: MAY '91 Logged By: [illegible]

Code	FROM	TO (At)	Feature	REC.	UPPER Dip Direct.	INTERNAL Dip Direct.	LOWER Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
	29.1	29.1	G3R					
	33.1	33.1	G3					
	A5.1	A8.1	B2					
	A8.1	49.1	RG2					
	49.1	53.0	G3G					
	78.1	79.1	RG3					
	79.1	82.1	B2G					
	82.1	83.1	S3G			10		
	87.1	90.1	B2G					
								EOH @ 100.0

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 916-18

Units: Feet (Metres) Date: MAY 91 Logged By: S Beckett Page 14 of 16

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0-30 No	0-30 Rough	0-30 Alt	0-30 Type	30-65 No	30-65 Rough	30-65 Alt	30-65 Type	65-90 No	65-90 Rough	65-90 Alt	65-90 Type	CORE SIZE	COMMENTS
2.0																		NQ	CASING
11.3																			N/A
12.5	0.35	0.1																	
14.0	1.5	0.3																	
15.6	1.5	0.9																	
15.9	0.3	0																	
17.4	1.5	1.0																	
18.6	1.2	0.8																	
20.1	1.5	0.5																	
21.6	1.5	1.0																	
23.2	1.6	0.4																	
24.4	1.0	0																	
25.9	1.5	0.3																	
27.4	1.5	0.8																	
28.7	1.3	1.0																	
29.9	1.1	0.4																	
31.7	1.5	0.2																	
32.9	1.2	0.1																	
33.8	0.4	0																	
35.4	1.6	1.1																	
36.6	1.2	1.1																	
37.5	0.9	0.3																	
39.0	1.5	0.8																	
39.9	0.9	0.4																	
41.5	1.5	0.8																	
42.7	1.2	0.3																	
43.9	0.8	0.7																	
45.0	0.9	0.1																	

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91G-18

Units: Feet (Metres) Date: MAY '91 Logged By: J. Beck, A Page 15 of 16

45.0

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0-30 No	0-30 Rough	0-30 Alt	0-30 Type	30-65 No	30-65 Rough	30-65 Alt	30-65 Type	65-90 No	65-90 Rough	65-90 Alt	65-90 Type	CORE SIZE	COMMENTS
46.0	1.0	0.1																NQ	
47.6	1.6	0.4																	
48.8	1.2	0																	
49.7	0.7	0																	
50.3	0.6	0.2																	
51.7	1.3	0																	
53.0	1.3	0.1																	
54.6	1.5	0.8																	
56.2	1.4	0.8																	
57.9	1.6	0.5																	
59.4	1.5	0.6																	
61.0	1.6	0.5																	
62.5	1.4	0.4																	
64.0	1.5	0.4																	
65.5	1.5	1.1																	
67.1	1.6	1.2																	
68.6	1.5	0.8																	
70.1	1.5	0.3																	
71.8	1.7	0.6																	
73.3	1.5	0.9																	
74.8	1.5	0.5																	
76.5	1.6	1.1																	
78.0	1.4	0.7																	
79.3	1.3	0.3																	
79.7	0.4	0																	
81.0	1.6	0.1																	
82.8	0.8	0																	
83.2	0.6	0.2																↓	

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91G-18

Units: Feet / Metres (circled: Metres)

83.2

Date: MAY '91

Logged By: [illegible]

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0-30 No	0-30 Rough	0-30 Alt	0-30 Type	30-65 No	30-65 Rough	30-65 Alt	30-65 Type	65-90 No	65-90 Rough	65-90 Alt	65-90 Type	CORE SIZE	COMMENTS
84.4	0.6	0																NQ	
85.7	1.3	0.3																	
86.3	0.6	0																	
87.5	1.2	0																	
88.1	0.6	0																	
88.7	0.4	0																	
89.3	0.5	0																	
90.2	0.4	0																	
91.8	1.6	0.1																	
93.0	1.2	0																	
94.5	1.5	0																	
96.0	1.5	1.2																	
97.7	1.7	1.6																	
99.4	1.8	0.6																	
100.0	0.6	0																	EOH @ 100.0