DDH 91G-17 (W)

CURRAGH RESOURCES INC.
Lithologic Log

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Date: MAY'91 Logged By: E. Bradish

Code	From	To	Recov.	No.	Unit	Description
	0.0	2.0			84	CASING
	2.0	24.4			86	90% boulders, clay & sand, poor recovery
	24.4	25.3			86	rubble at barren unit 2.
	25.3	26.1			86	boulder rubble fair recovery - granite only
	26.1	27.4			86	Very poor recovery, UNIT 2 ± Pb+Zn mineralization
	27.4	27.6			30	
						Graphitic phyllite rubble and gouge. Upper and lower contacts estimated from poor to very poor recovery.
	27.6	29.3			2+	±L (4g) 80:20
						Dark gray rubbly, non-calcareous graphitic quartzite is generally strongly mineralized. Unit is strongly brecciated with moderate limonite development limited to fracture surfaces. Interval supports a highly siliceous weakly mineralized band of semi massive sulphides (55-60% pyrite) at 27.7 - 28.0. Semi massive sulphide band has irregular contacts. Intrusive lower contact is crushed and moderately to strongly chloritized to limonite.
						Estimated grade is 5-7%.

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CURRAGH RESOURCES INC.

Lithologic Log

Date: MAY/91 Logged By: J. Beech

From	To	Recov.	No.	Unit	Description
29.3	32.9			3P	P ± Z Black, non-calcareous graphitic phyllite hosts 5-7% pyrite and extremely rare Pb+Zn wisps. Upper contact is crushed; lower contact is strongly broken but appears // S_2. Estimated grade is << 0.1%
32.9	34.0			3P	gP ± Z Dark gray to black, non-calcareous, graphitic phyllite is weakly silicified and hosts 5% pyrite and rare wisps of Pb+Zn mineralization. Silicification moderate over lowest 10cm. Upper contact is strongly broken and appears // S_2. Lower contact is sharp and // S_2. Estimated grade is < 0.5%
34.0	34.4			3	s ± Z Light gray non-calcareous unit does not appear to be a bleached graphitic phyllite but is a true pyritic quartzite bearing semi massive sulphides with a very strongly siliceous matrix. Unit is barren of Pb+Zn and hosts 10-15% 0.5 - 0.75 cm bands of sericite // S_2. Upper and lower contacts are sharp and // S_2. No grade can be expected.

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CURRAGH RESOURCES INC.
Lithologic Log

Date: MAY '91 Logged By: J. Schmitt

From	To	Recov.	No.	Unit	Description
34.4	35.5			AA	ℓ ± j (47) 80:20 Medium green non-calcareous altered metabasite has a poorly developed igneous texture of chloritic matic minerals stretched in a strong PS_1 fabric. Upper and lower contacts are sharp on $//S_1$ and are marked by 10cm bands of Non-calcareous unit 47.
35.5	39.8			2	(44 "j") 95:05 Dark gray, non-calcareous, moderately to strongly mineralized graphitic quartzite is very rarely bleached light gray and hosts 5-7% wisps and bands (upto 1cm) of altered fuchsite-bearing metabasite. All contacts are sharp and $//S_1$. Estimated grade is 7%.
39.8	40.9			20	± g-z ± q PZ ± → 2 Medium gray, locally dark gray, non-calcareous throughout, locally slightly graphitic phyllite to PS_2 foliated. Graphitic is sporadically associated with weak silicification below 40.1. Sphalerite is sporadic and occurs in wisps $//S_2$ in all rock types. Upper contact is sharp and $//S_2$. Lower contact is marked by gouge and poor recovery. Estimated grade is ≤ 1%.

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CURRAGH RESOURCES INC.

Lithologic Log

Date: MAY'91 Logged By: S. Scott

From	To	Recov.	No.	Unit	Description
40.9	41.7			7	@ (2) 80:20 Purple brown, non-calcareous, locally porous, moderately barite sulphide band is strongly mineralized and is moderately well banded with 2-2.5 cm massive pyrite bands. Upper contact of interval is marked by graphitic phyllite for 15cm then a complex brecciated transition to barite sulphides are noted. Fragments of unit 2 in sharp contact with barite matrix displays no obvious trend. Lower contact is also complicated by structural disturbition and is irregular. Estimated grade is 12-15%
41.7	44.5			2	(44'j) 78:30 Dark gray to black, non-calcareous graphitic phyllite is moderately to strongly mineralized. Ribbon banding is highly contorted and disrupted by brittle brecciation. Interval hosts 30% altered fuchsite-bearing metabasite fragments wisps and bands. Metabasite generally occurs in 20-30cm bands that display a well preserved 'S' fabric. Locally metabasite is brecciated and hosts unit 2 fragments. Interval is strongly broken, rubble with poor to fair recovery below 43.8. Estimated grade is 5%

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CURRAGH RESOURCES INC.

Lithologic Log

Date: MAY '91 Logged By: [illegible]

From	To	Recov.	No.	Unit	Description
44.5	45.5			44	#j ± → 72
					Altered metabasite is non-calcareous, moderately soft, light brown to buff and hosts scattered fuschite [illegible]. Unit is generally moderately broken, locally crushed in 10-20cm bands. Upper contact is rubblized, lower contact is sharp and // S_2
45.5	47.4			2	(44#j → 72) 85:15
					Dark gray to black, non-calcareous graphitic quartzite is moderately locally weakly mineralized. Interval hosts 30% 10-15cm bands of crushed metabasite. Contacts appear // S_2. Quartzite is strongly broken with several fracture orientations. Estimated grade is 3-5%.
47.4	48.3			30	→ 72 (2:44#) 70:30:trace
					Black, non-calcareous graphitic phyllite is generally crushed locally gouge and hosts wisps of unit 44 and 30% 3-20cm blocks of moderately mineralized and have variably oriented contacts. Lower contact trends @ 45 wrt. C.A. Upper contact is sharp and // S_2
					Estimated grade ≤2%

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CURRAGH RESOURCES INC.

Lithologic Log

Date: MAY '91 Logged By: J. Sheedy

From	To	Recov.	No.	Unit	Description
48.3	49.1			72	→ 30
					Graphitic gouge band hosts scattered graphitic phyllite rubble and fragments. Upper contact @ 45° to c.a. Lower contact is sharp and // S_2
49.1	51.2			30	P
					Dark gray to black non-calcareous graphitic phyllite hosts 5-7% pyrite and is moderately to strongly broken // S_2. Upper and lower contacts are sharp and // S_2. Lower contact marked by a 10cm quartz vein.
51.2	73.6			20	± → 2 (60) 99:01
					Medium gray non-calcareous phyllite is PS$_2$ foliated highly boring, moderately to slightly broken and hosts a massive barren bull quartz vein at 54.8 - 55.5. Gouge is rare. Unit is very slightly chloritized and displays a very slight tendency to gray green when wet. Upper contact is sharp and // S_2. Lower contact is sharp // S_2 and marked by a 10cm crushed and gouge zone

DDH 91-6-17

CURRAGH RESOURCES INC.

Lithologic Log

Date: MAY '91 Logged By: J Sweetnam

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	73.6	75.0			20	R (44Rc)
						Medium green non-calcareous CS_1 and $CS_1 \rightarrow PS_1$ foliated phyllite is moderately chloritized. Unit hosts a
						Medium green moderately calcareous mafic unit below
						74.8.
						EOH @ 75.0

Logged by J. Z6.4[illegible]

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10–14	16–20	22–26	28–30	32–34	36–40	42
	0.0	27.6					WASTE
	27.6	29.3	64939		1.7	2	
	29.3	34.0					WASTE
	34.0	34.4	940		0.4	3	
	34.4	35.5					WASTE
	35.5	36.3	941		0.7	2	(44+j) 80:20
	36.3	37.3	942		1.0	2	
	37.3	38.2	943		0.9	2	-> 3 (Slocked [illegible] 2
	38.2	39.8	944		1.4	2	[illegible]
	39.8	40.9					WASTE
	40.9	41.7	945		0.8	2	
	41.7	43.0	946		1.2	2	(44#j) 70:30
	43.0	43.6	947		0.6	44	#j
	43.6	44.5	948		0.7	2	
	44.5	45.5					WASTE
	45.5	47.4	949		1.6	2	(44->72) 85:15
	47.4	48.3	64950		0.9	30	(2) 70:30
	48.3	75.0					WASTE
							coll @ 75.5

12 Samples

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CURRAGH RESOURCES INC.
Structural Log

Date: MAY '91 Logged By:

Code	From	To	Feature	Sym	Bedding Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
		30	PS2				47	
		33.	PS2				59	
		38.	PS2				64	
		43.	PS2				66	
		49.	PS2				53	
		52.	CS2	S		10 340	40	
		59.	CS2	S		20 335	42	
		64.	PS2				60	
		69.	PS2				68	
		72.	PS2				74	
								EOH @ 75.0

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CURRAGH RESOURCES INC.
Fault Log

Date: June '91 Logged By: [illegible]

Code	FROM	TO (At)	Feature	REC.	UPPER Dip	UPPER Direct.	INTERNAL Dip	INTERNAL Direct.	LOWER Dip	LOWER Direct	Description
1	10–14	16–20	22–24	26	28	32	34	38	40	44	
	40.9	42.4	X2								Commonly healed, locally rubble
	43.9	44.5	B3X								
	44.5	45.1	S2		—	—	10	—	—	—	
	46.0	48.3	B34			—	—	—	—		
	48.0	49.1	G3		40	—	15	—	—	—	
	49.1	50.9	B3		—	—	—	—	—		
											EOH @ 75.0

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 916-17

Units: Feet / Metres Date: June '91 Logged By: J. Zelic Page 13 of 14

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
26.8																			0/B very poor recovery
27.7	0.3	0																	
28.7	0.7	0.3																	
29.9	0.7	0.4																	
30.8	0.8	0																	
32.0	1.0	0																	
32.9	0.9	0																	
33.8	1.4	0																	
35.4	1.5	0.3																	
36.9	1.4	0.3																	
37.3	0.4	0																	
38.9	1.6	0.8																	
39.9	1.0	0.1																	
41.0	0.9	0.1																	
42.4	1.4	0.4																	
43.9	1.5	0.6																	
44.5	0.5	0																	
46.0	1.5	0.4																	
46.6	0.6	0																	
48.2	1.3	0																	
49.1	0.7	0																	
50.0	0.8	0																	
50.6	0.6	0																	
52.1	1.4	0.1																	
53.3	1.2	0.4																	
54.9	1.6	0.4																	
56.1	1.2	0.4																	

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91b-17

Units: Feet / Metres Date: June '91 Logged By: E. Eberle Page 14 of 14

56.1

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
57.0	0.9	0																NQ	
58.2	1.2	0.4																	
59.8	1.5	0.6																	
61.3	1.5	0.7																	
62.8	1.5	0.1																	
64.3	1.3	0.1																	
65.8	1.5	0.5																	
67.4	1.6	0.4																	
67.7	0.3	0.1																	
69.2	1.5	0.5																	
70.4	1.2	0.8																	
71.9	1.5	0.6																	
73.0	1.1	0.3																	
74.5	1.5	0																	
75.0	0.5	0																	
																			EOH @ 75.6