DDH 91G-43 (H H) CURRAGH RESOURCES INC. 004079 Page 3 of 14

Lithologic Log Date: Apr '91 Logged By: F. Zbeetnoff

From	To	Recov.	No.	Unit	Description
0.0	32.9			84	CASING
32.9	35.7			86	70 Boulders & clay very poor recovery
35.7	38.8			54	b ± P ± g ± L →52 Light greenish-yellow non-calcareous, sericitically and chloritically altered phyllite hosts 7-10% medium to fine grained black locally reddish brown biotite. Biotite occurs as concentrated wisps and bands which crudely define what is interpreted as S$_1$. Pyrite is scattered throughout and constitutes 1% or less of interval. Silicification is sporadic, weak and limited to 0.1-0.5cm wisps and bands. Limonite occurs on fractures and is limited to rock above. Rock is generally soft, strongly to very strongly broken and has good recovery. Lower contact is marked as the transitional loss of biotite-bearing altered phyllite to one which commonly hosts Py.
38.8	44.5			54	± g ± P ± b ± GZ Light greenish-yellow non-calcareous, sericite and chlorite bearing altered phyllite hosts 2-3% pyrite and 7-10% moderately silicified wisps and bands from 0.1-5.0cm wide. Siliceous material is medium to dark grey, and hosts variable amount of Pyrite and locally upto 1% galena and traces of sph. Biotite as medium to fine grains are rare. Both biotite and siliceous bands commonly define a crude to well developed S$_1$ fabric. Rock varies from soft to moderately hard.

DDH 91G-43

2 8

CURRAGH RESOURCES INC.

Lithologic Log

Date: Apr '91 Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
						Unit is generally strongly broken and has good recovery. Upper contact is noted as the loss of biotite abundancy from upper unit. Lower contact is marked by irregular quartz vein.
	44.5	48.4			16Q	±P ± R ± GZ — N White with medium to dark gray clots constituting 15-20% of unit. Unit hosts traces clotty pyrite, grains of Po and very rare occurrences of Pb+Zn. Sulphides are limited to the upper 20cm and the lower 1.2 meters. Quartz is strongly to very strongly broken. Upper and lower contacts are very strongly broken to crushed. No orientation available.
	48.4	49.5			54	$\pm_q$ P $\pm_q$ PGZ — N→L Light grayish green, non-calcareous sericitically and chloritically altered phyllite is S_2 foliated, moderately soft and very strongly broken. Unit hosts 2-3% strongly silicified bands and veins hosting 1% pyrite and rare occurrences of Pb+Zn. Siliceous bands are 1-2mm wide and generally trace S_2. Recovery is fair to good. Upper contact is crushed, lower contact is sharp and // S_2. No gouge over 1% expected.

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Lithologic Log

Date: Apr   Logged By:

Code	From	To	Recov.	No.	Unit	Description
	49.5	49.8			69	CWP ± Z(?) (20) 80 : 20 N
						White quartz vein hosts calcareous - dolomitic clots, fractures with calcite and scattered Py and possibly galena associated with carbonate clots. Clots constitute 10% of vein. Interval also hosts non-calcareous grey phyllite at upper and lower contacts that display no alteration adjacent vein. Recovery is good. Upper contact is sharp and // S_2. Lower contact is gouge bound and trends 355°/40° wrt S_2, S_2 trends @ 80° wrt C.A
	49.8	50.7			72	±c 54 ±c (54 ±g ± P ± Z(?)±c) 60:40 N
						Interval is gouge dominated and # occurs at the top and bottom of interval. Interval hosts very strongly broken rock at center of interval. Rock is very rarely calcareous and hosts very irregular clotts of silicification. Silicification is associated with rare clotts of Py and very rare very fine grained clotty clusters of Pb+Zn. Gouge is moderately to slightly calcareous and is light greenish yellow with a hint of gray. Recovery is poor. Upper contact trends @ 355/40 wrt S_2 and lower contact trends 335°/45° wrt S_2

DDH 916-43 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Apr '91 Logged By: R. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	50.7	59.0			20	± s ± l ± b (20Qwk ± PGZb) 85:15 N
						Medium gray, noncalcareous dyke is PS, foliated hosts a variety of alteration and degrees of alteration in 1.0-15cm bands. Localized sericitic and chloritic alterations are sporadic and are commonly associated with quartz-dolomite-ankerite veins. Biotitic alteration is rare. Interval hosts 15% 0.5-7.0cm white quartz-carbonate veins. Sporadic occurrences of Py and rare occurrences of Pb+Zn and biotite are most often associated with veins < 5cm wide. Veins generally trend // S_2 Upper contact is marked by gouge & veins, unit and trends @ 355 / 45 against S_2 lower contact is sharp and // S_2
	59.0	59.5			20	± q ± PGZ ± b ± → 54 N
						Medium gray to light greenish gray non-calcareous unit contains a gradational alteration package. Moderate sericitic and chloritic alteration with sporadic silicification, Py, Pb+Zn and biotite all become progressively weaker and less common down hole. Sulphides and biotite are sporadic and are less than abundant at best. Rock varies from slightly hard to slightly soft. Rock is moderately broken and recovery is good. Upper contact is sharp and // S_2 lower contact is gradational over 25cm. Py, rarely over 1% disseminated

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CURRAGH RESOURCES INC.
Lithologic Log

Date: Apr '91 Logged By: M. Zbeda

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	591.5	601.5			29	QwkP
						Medium to light gray non-calcareous phyllite is PS foliated and hosts 2-3% 0.5-3.0 cm quartz-dolomite-calcite veinlets trend // S_2 and hosts rarely Py. Rock is slightly to moderately soft, moderately to strongly broken and has good recovery. Upper and lower contacts are gradional with alteration increasing away from this unit
	601.5	621.4			54	±qP ± ZGR N>L
						Light greenish yellow slightly gray, non-calcareous phyllite contains uniform moderate sericitic and chloritic alteration except for gradational contacts. Unit hosts 15% silicified veins and bands from 0.2-3.0 cm wide. Pyrite is common within siliceous bands Pb+Zn and Po are less common and rarely constitute upto 1% over 10cm. Rock varies from moderately soft to moderately hard. Unit is strongly broken and has good recovery. Upper contact is gradational over 10cm, lower contact is gradational over 5cm.
						N>L portion should assay over 1%.

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CURRAGH RESOURCES INC.

Lithologic Log

Date: Apr '91 Logged By: E. Zweep

From	To	Recov.	No.	Unit	Description
624.6	641.3			20	(72) 90:10 Medium gray, non-calcareous phyllite is PS foliated and hosts 10-15% gouge occurring in 0.5-10cm bands. Most common above 63.4m. Rock is moderately to slightly, soft to very, to moderately broken and has good recovery. Upper and lower contacts are gradational with alteration from above and below altered phyllites.
641.3	655.4			54	± g P Light greenish yellow, slightly gray, non-calcareous phyllite is moderately to strongly sericitically altered and weakly chloritically altered. Unit hosts 15% silicified wisps and bands <1.0cm wide. Silicification is medium to slightly dark gray and contains 1-2% pyrite. PS-12a is not visible but suspected to be very fine grained within silica. Upper and lower contacts are gradational at 10's of cm.

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CURRAGH RESOURCES INC.

Lithologic Log

Date: Apr '91 Logged By: B. Zbelitz

Code	From	To	Recov.	No.	Unit	Description
	605.4	810.8			20	D ± Qwk (72) 96:02 Medium gray non-calcareous phyllite is PS foliated and host fine 1% pyrite. Unit contains 1-2% quartz-dolomite veins from 0.3-3.0cm wide and generally fixing S_0. Unit hosts 2% pyrite in 0.5-2.0 cm beds generally $// S_0$. Upper contact is gradational.
		810.8				EOH.

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CURRAGH RESOURCES INC.
Structural Log

Date: Apr '91 Logged By: JCL

Code	From	To	Feature	Sym	$S_0 \angle_3$ 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	
		39.0	PS2				60	
		42.0	CS2	S	015	310 090	65	
		49.0	PS2				78	
		55.7	CS2	Z		180 250	68	
		59.0	PS2		075		60	
		61.6	CS2	S		120 090	81	
		70.7	PS2		080		75	
		75.3	PS2				77	
			PS2				79	
								EOH @ 80.8

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CURRAGH RESOURCES INC.
Fault Log

Date: April 91 Logged By: S. Zbeetnoff

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	
	0 @	35 7	—		—	—	—	o/b
	35 7	49 8	B2		—	—	—	
	49 8	50 7	G3		40 355	—	45 335	
	50 7	52 0	B3G					
	52 0	57 5	B1					
	57 5	58 1	B3G					
	58 1	60 6	B2					
	60 6	61 5	B1G					
	61 5	62 3	B1					
	62 3	63 4	B3G					
	63 4	69 5	B2G					
	69 5	80 8	B2					
					—	—	—	EOH

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91G-43

Units: Feet / Metres Date: April '91 Logged By: J. Smith 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
32.9																		NW	CASING
35.7																			90 deg pour & recovery
38.6	1.4	0																	
39.9	1.5	0.2																	
41.5	1.6	0.1																	
43.0	1.5	0																	
44.7	1.6	0.1																	
45.9	1.1	0.4																	
46.9	0.8	0.1																	
47.7	0.7	0.3																	
48.3	0.6	0																	
48.9	0.3	0																	
49.8	0.6	0.1																	
50.1	0.2	0																	
51.1	0.6	0																	
52.0	0.6	0																	
53.5	1.5	0.4																	
55.2	1.5	0.8																	
56.7	1.5	0.3																	
58.1	1.2	0.4																	
59.4	1.5	0.8																	
60.7	1.1	0.2																	
62.0	1.3	0.5																	
63.4	1.3	0.3																	
64.6	1.2	0.2																	
65.5	0.9	0.1																	
66.3	0.6	0.1																	
67.1	0.5	0																	

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91G-43

Units: Feet / Metres Date: April '91 Logged By: J. Zbrozek Page 14 of 14

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0-30				30-65				65-90				CORE SIZE	COMMENTS
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
69.5	1.4	0																NQ	
71.0	1.5	0.7																↓	
72.5	1.5	0.1																	
74.1	1.5	0.5																	
76.2	2.1	0.4																	
77.7	1.5	0.2																	
78.9	1.1	0.3																	
80.5	1.5	0.7																	
80.8	0.3	0.2																	
																		—	EOH @ 80.8