

DDH

916-21

(K)

CURRAGH RESOURCES INC.

004093

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Lithologic Log

Date:

Mar '91

Logged By:

J. Zschal

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
	0.	0	7.	0					84	CASINGS
	7.	0	29.	3					86	o/b Poor recovery, Anvil Batholic blocks, minor clay recovered
	29.	3	33.	8					20	g → 30 Medium-dark gray, non-calcareous phyllite is PS_2 foliated slightly to moderately carbonaceous (532 / 3609) and is strongly broken. Gouge is absent, crushed rock is very rare. Rock is slightly to moderately soft. Recovery is generally good, locally fair. Lower contact is crushed but O.A.A. sharp.
	33.	8	36.	2					20	Medium to light gray, non-calcareous phyllite is PS_2 foliated moderately to strongly broken. Rock is slightly to moderately soft, and generally has fair, locally good recovery. Upper contact is crushed and appears sharp and parallel S_2 . Lower contact is sharp and parallel S_1 .

Lithologic Log

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
	36	2	38	3			72	(47 → 72) 95:05 Medium gray gneiss is non-calcareous and is generally textureless and has scattered fragments and 2-3 cm blocks at unit 20. Recovery is fair to good. Upper contact is sharp and parallel S ₁ . Lower contact is marked by the last 30cm of interval consisting of sporadic gneiss within a tan to very light brown band of lower unit (47)		
	38	3	42	7			47	** ± → 72 Tan to very light brown, non-calcareous unit is strongly altered (bleached) salt to very salt, locally approaching gneiss. Unit is strongly ps. foliated. Unit is strongly to very strongly bedded. Rock has good recovery. Upper contact is marked by a decrease in gneiss content from upper unit, lower contact is sharp and parallel S ₁ .		
	A2	7	A3	5			72	± → 47** (72 → 20) 85:15 Tan to very light brown non-calcareous gneiss has 15% mica and fragments at unit 20 mixed within lower R. sec. Fuchsite is extremely rare. Recovery is good. Upper contact is sharp and parallel S ₁ . Lower contact intersects S ₁ and is		

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Code	From			To			Recov.		No.		Unit	Description
	10	14	18	20	24	26	28	30	34	35		
												noted as a shear fabric within gouge becoming less distinct and a breccia fabric replaces it. Lower contact trends @ 063/30 w/ S _g .
	A3	5	50	9							20	Medium gray, noncalcareous phyllite is PS ₂ → CS ₂ foliated, slightly to moderately broken and hosts 1-2% cm-scale bands of gouge below 49.5. Rock is slightly to moderately soft and has good recovery. Upper contact trends @ 063/30 w/ S _g . Lower contact trends 020/16 w/ S _g . Both upper and lower contacts are sharp and marked by fault zones above and below.
	50	9	52	9							72	(20) 50:50 Medium gray, noncalcareous unit is generally PS ₂ foliated and strongly broken. 50% of interval consists of gouge to crushed rock approaching gouge. Gouge occurs in bands from 3-15 cm wide. Orientations of gouge vary. Rock is soft to moderately soft and has fair recovery. Upper contact trends 020/16 w/ S _g . Lower contact is crushed and appears sharp.

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	52.9	55.6			30	→ 74 (72 : 47 → 72) 80:20:trace					
						Dark gray to black, non-calcareous graphitic phyllite is generally brecciated and moderately bedded with graphitic matrix. 10% of interval consists of crushed rock approximately gage which dummed from 55.1-55.6. Minor crushed unit 47 occurs at 55.5. Rock is soft and friable, recovery is poor. Upper and lower contacts are crushed.					
	55.6	59.9			30	Dark gray to black, non-calcareous graphitic phyllite is Ps ₂ foliated, strongly broken and locally crushed. Unit hosts 3-5% pyrite wisps and clots (< 3mm). Rock is slightly soft and has good recovery. Upper and lower contacts are crushed but appear sharp and parallel S ₂ .					
	59.9	70.6			A9	(47) 80:20					
						Medium gray, moderately to slightly calcareous Ps ₂ → C ₂ foliated phyllite is strongly to moderately broken and hosts 20% dm-scale bands of unit 47 occurring exclusively below 63.9. Unit 47 bands are light gray to brown, fine grained, Ps ₂ foliated and have very sharp contacts // S ₂ . Largest unit 47 band occurs at 65.7-66.3.					

Core No.	FROM		TO (At)		Feature	REC.	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description
	10	14	16	20			22	24	26	28	32	34	
	36.2		38.3										Gouge Zone: textureless
			39.6						1,8/38				1cm breccia zone
	A7.2		A3.5						4.1		30	063	Gouge Zone: upper contact // S ₂
	50.9		52.9						20				Sporadic gouge, often slightly oblique to C.A. - inconsistent orientations
	52.9		55.6										headed breccias to 53.8, crushed and minor gouge below
													EOH @ 79.9

