

From	To	Recov.	No.	Unit	Description					
10	14	16	20	22	24	26	28	30	34	35
0.0	0	2.3		84	CADINIG					
2.3	2.7			86	96 @ 20% unit # 2 - very poor recovery; rubble					
2.7	27.2			40	l (47c) 99:01 Medium green, generally S_2 foliated, moderately calcareous phyllite is generally moderately chloritized. Unit hosts 1 1/2 - 2-3cm bands of unit 47 limited to 13.7-17.7. Interval is slightly soft, moderately to strongly bedded and has good recovery. lower contact is sharp and // S_2					
27.2	30.0			47	c ± L (40L) 85:15 Medium green package is moderately calcareous throughout P_5 , foliated and generally very strongly bedded with common occurrences of 10-15cm bands of gneiss // S_2 . Unit 47 hosts sporadic bands of chloritized calcareous phyllite. Upper and lower contacts are sharp and // S_2					
30.0	31.0			47	c (20g : 60c 26A) 82.15:03 Medium green, massive, moderately to weakly calcareous unit 47 hosts a 15cm band of weakly granitic non-calcareous phyllite at 30.1. Unit 47 also hosts 2-3mm quartz-calcite veinlets with coarse remobilized P_6 occurring					

Lithologic Log

Date: MAY 91 Logged By: J. Zeall

From	To	Recov.	No.	Unit	Description						
10	14	16	20	22	24	26	28	30	34	35	
											exclusively below 20g unit. Upper and lower contacts are sharp and // S ₂ . Estimated grade is <<< 1%.
31.0	33.8			30	#1 ± c						± → 20g Dark gray to black, generally non-calcareous locally weakly calcareous, graphitic phyllite is generally strongly to moderately broken. Graphite content is weak at upper contact but becomes more abundant down hole over 30cm. Upper and lower contacts are sharp and // S ₂ .
33.8	34.2			72	#2 → 30						Graphitic gneiss is non-calcareous and has fair recovery. Upper contact is sharp and // S ₂ . Lower contact is also sharp and // S ₂ but also contains moderate Zn mineralization over 2cm. No grade expected!
34.2	34.6			AA	#1 l						(2) trace Altered metabasite is non-calcareous highly granitic buff and hosts fuschite and 7-10% chloritized mafic minerals strongly stretched into a strong P ₂ -fabric. Indurated

From		To		Recov.	No.	Unit	Description			
10	14	16	20	22	24	26	28	30	34	35
										Hosts a 0.5 cm band of bleached graphitic phyllite at 34.5. All contacts are sharp and $\parallel S_2$
34.6		47.6				2				→ 3 Bleached light gray, non-calcareous graphitic quartzite is generally moderately to strongly mineralized and hosts 0-7% pyrite. Interval is rarely weakly mineralized. Upper and lower contacts are sharp and $\parallel S_2$ Estimated grade is 7-10%
47.6		48.4				AA	# 2		(2-3)	95:05 Buff to slightly greenish buff non-calcareous $S_2 \rightarrow PS_2$ foliated unit hosts 0-1% chloritic wisps which appear to be mafic minerals, chloritically altered and stretched into S_2 . No schistosity noted. Interval contains a 5cm band of bleached graphitic quartzite at center of unit. All contacts are sharp and $\parallel S_2$ No grade
48.4		50.6				2			±L → 3	Bleached light gray, non-calcareous graphitic phyllite is moderately to strongly mineralized and hosts trace - 3% pyrite. Oxidation of mineralized bands is rare. Upper and lower contacts are sharp and $\parallel S_2$

From	To	Recov.	No.	Unit	Description
10	14 16	20 22 24	26 28 30	34 35	
					Estimated grade is 7-10%.
50.6	52.5			AA, #jl	(20l : 2 → 3) 65 : 20 : 15 Medium green non-calcareous fuchsite-bearing altered metabasite hosts 7-10% chloritized mafic minerals stretched into a silty PS_2 fabric. Interval supports a 30cm band of bleached moderately mineralized graphitic quartzite band at 51.1 - 51.4. Interval also supports scattered bands of chloritized altered $CS_2 \rightarrow PS_2$ foliated non-calcareous pl/ll . All contacts are sharp and ll/s . Estimated grade of interval is $< 1\%$.
52.5	55.8			2 → 3	(44#jl) 97 : 03 Bleached light gray, non-calcareous graphitic phyllite is strongly mineralized and hosts 0-2% pl/ll . Interval supports a fuchsite-bearing metabasite band with chloritized mafic minerals stretched into a PS_2 fabric at 55.2 - 55.4. Upper and internal contacts are sharp and ll/s , lower contact is irregular and generally crosscut, s_2 . Estimated grade is 12-15%.
55.8	56.4			B	(44#jl : 7) 80 : 20 : trace Riddish brown non-calcareous moderately ll/s strongly magnetic unit displays contorted and complex contact

From	To	Recov.	No.	Unit	Description
10	14 16	20 22 24	26 28 30	34 35	
					relationships with wisps and bands of altered mafic rocks and baritic massive sulphides. Baritic massive sulphide wisps are rare. All contacts are sharp. Lower contact is parallel S_2
56.4	56.9			AA #1	light buffish green, noncalcareous altered mafic hosts 5% wisps of chloritically altered mafic crystals stretched into a strong PS_2 fabric. Fuchsite is granular. Upper and lower contacts are sharp and $\parallel S_2$
56.9	58.2			3A gZPG (30P \pm \rightarrow 72) 20:20	Black to dark gray, noncalcareous, moderately to weakly silicified graphitic phyllite contains a contorted PS_2 fabric - shear (?). Contorted fabric is traced by clotty Zn+Pb+Py mineralization. No ribbon banding. Interval hosts a 40cm band of barren graphitic phyllite which is unsilicified and sporadically crushed with gouge at 57.7-58.1. All contacts are sharp and $\parallel S_2$ Estimated grade is 3%.

From	To	Recov.	No.	Unit	Description
10	14 16	20 22 24	26 28 30	34 35	
158.0	165.6			3A	gP (30 ₂ P2) trace Black to dark gray, non-calcareous, moderately silicified graphitic phyllite hosts 15% pyrite. Unit hosts extremely rare occurrences of finely disseminated wisps of fine grained sphalerite. Upper and lower contacts are sharp, //S ₂ and marked by thin gouge bands. Estimated grade is < 0.1%
165.6	166.1			2	±Z± → 30 ₂ P Dark gray to black, non-calcareous graphitic quartzite is very weakly mineralized, hosts 10-15% pyrite and locally is moderately phyllitic. Ribbon banding is very poorly developed at best. Upper and lower contacts are sharp and //S ₁ . Estimated grade is < 1%
166.1	166.6			AA	"j l Light greenish buff non-calcareous altered mudstone is chlorite and ferri-silicate-bearing. Upper and lower contacts are sharp and //S ₂ .

From	To	Recov.	No.	Unit	Description
10	14 16	20 22 24	26 28 30	34 35	
66.6	67.4			7	(5-4) 90:10 Purple brown, non-calcareous, moderately baritic massive sulphides with 35% pyrite and strong Pb+Zn mineralization. Interval hosts 2-3cm bands of massive to semi massive pyritic massive sulphides. Upper and internal contacts are parallel to crud-banding → S ₂ (?) Lower contact is irregular. Estimated grade is 17-20%.
67.4	68.5			2	± → 3 (7) trace Dark gray, noncalcareous graphitic quartzite is moderately to strongly mineralized and is bleached light gray over the lowest 30cm. Unit hosts 7-10% pyrite and a 2cm band of baritic massive sulphides at 67.7. Upper contact is irregular. Internal and lower contacts are sharp and // S ₂ . Estimated grade is 10-12%.
68.5	73.6			44	c 2 ± j (47) 99:01 Light gray to green, weakly calcareous altered metabasite hosts 10-15% elongated chloritized mafic minerals and very rare occurrences of fuchsite. Interval hosts 1% unit 47 with // S ₂ . Upper and lower contacts are sharp and // S ₂ .

From	To	Recov.	No.	Unit	Description						
10	14	16	20	22	24	26	28	30	34	35	
77.3	77.6	77.1		2	<p>Medium to dark gray, non-carbaceous graphitic quartzite is very weakly silicified, moderately to strongly mineralized and contains 10-12% pyrite. Upper and lower contacts are sharp and //S₂. Estimated grade is 7-10%.</p>						
77.1	77.3			2A	<p>$\pm g \pm s \pm z$ Medium to slightly medium dark gray, non-carbaceous phyllite is slightly carbaceous and slightly silicified. Unit hosts weak Pb+Zn mineralization tracing S₂. Rock is moderately to slightly soft. Upper and lower contacts are sharp, //S₂ and marked by illite gouge bands. Estimated grade is 1-2%.</p>						
77.8	79.1			2A	<p>$g \pm gs \pm zP \rightarrow 2$ As above with weak to sporadically moderately silicified phyllite is approaching a quartzite. Unit is slightly carbaceous and weakly mineralized. Upper and lower contacts are sharp, //S₂. Estimated grade is 1-2%.</p>						

From	To	Recov.	No.	Unit	Description						
10	14	16	20	22	24	26	28	30	34	35	
79.1	80.1			20	S ± 2	<p>Medium to medium light gray, non-calcareous, PS_2 foliated, weakly sericitic phyllite hosts very rare and very weak $Pb+Zn$ mineralization $11S_2$. Unit is moderately salt. Upper and lower contacts are sharp and $11S_2$.</p> <p>Estimated grade is $< 0.5\%$.</p>					
80.1	80.7			160	± 2 (47 : 20s) 97 : 03 : trace	<p>Barren white quartz vein hosts fragments of upper sericitically altered phyllite and fragments of unit 47. Sph is extremely rare. Upper and lower contacts are sharp and $11S_2$.</p> <p>47 No grade</p>					
80.7	83.1			3	Pt_2 ± → 2	<p>Light to medium gray, non-calcareous quartzite is possibly a bleached graphitic phyllite or possibly a true pyritic quartzite. Unit hosts 25-30% pyrite and very rare grains of Sph. Unit is very siliceous. Upper contact is sharp and $11S_2$. Lower contact is sharp and appears $11S_2$ although a 3cm quartz slab complicates contact. Lower contact is marked by stony to</p>					

From	To	Recov.	No.	Unit	Description
10	14 16	20 22 24	26 28 30	34 35	
					moderately PbZn mineralization Estimated grade is $\leq 0.1\%$
83.1	85.4			2	(20s) 85:15 Dark to medium dark gray, non-calcareous, moderately to strongly mineralized graphitic phyllite displays well developed ribbon banded texture. Interval supports a very high sericitically altered phyllite component at 83.3-83.7 which is non-calcareous and barren of PbZn. All contacts are sharp and $\parallel S_2$ Estimated grade is 7-10%.
85.6	86.3			A7	(2-3) 85:15 light gray to buff non-calcareous massive PS_2 foliated unit hosts 15% 0.5-2.0cm wisps and bands of moderately to strongly mineralized blocky graphitic quartzite. All contacts are sharp and $\parallel S_2$ Estimated grade is $< 0.1\%$.
86.3	90.1			2	(20s L) 90:10 Dark gray, non-calcareous, graphitic quartzite is moderately to strongly mineralized and hosts 10-15% pyrite. Interval hosts 10% weakly chloritically and sericitically altered

From	To	Recov.	No.	Unit	Description
10	14 16	20 22 24 26 28 30	34 35		non-calcareous phyllite in 10-40cm bands located exclusively below 89.0. All contacts are sharp and // S ₂ . Estimated grade is 7%.
90.1	92.8	B	20	sl (20g) 98:02	light gray non-calcareous phyllite in S ₂ foliated and widely chloritically and sericitically altered. Unit is slightly graphitic over the lowest 15cm. Upper and lower contacts are sharp and // S ₂ . No hope for any grade!
92.8	98.0	0	2	(47) 95:05	Dark gray non-calcareous graphitic phyllite is moderately to strongly mineralized and hosts 20-25% pyrite. Interval supports several dm scale units 47 bands that are non-calcareous, massive and S ₂ foliated. All contacts are sharp and parallel S ₂ . Estimated grade is 7-10%.

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	34.6											WASTE
	34.6	35.6	64973							2			->3
	35.5	37.6	974							2			->3
	37.6	38.6	975							2			->3
	38.6	39.5	976							2			->3
	39.5	41.2	977							2			->3
	41.2	43.7	978							2			->3
	43.7	45.7	979							2			->3
	45.7	47.6	980							2			->3
	47.6	48.4	981							AA			(2) 90:10
	48.4	50.6	982							2			->3
	50.6	52.5	983							AA			(47:2)
	52.5	55.2	984							2			->3
	55.2	55.8	985							2			(44) 90:20
	55.8	56.4	986							2			(44# sl : 7)
	56.4	56.9	987							AA			
	56.9	58.2	988							30			PZ
	58.2	65.6											WASTE
	65.6	66.1	989							2			->3
	66.1	66.6	990							AA			
	66.6	67.4	991							7			
	67.4	68.5	992							2			
	68.5	73.6											WASTE
	73.6	75.0	993							2			->3
	75.0	77.1	994							2			
	77.1	77.8	995							20			s=2
	77.8	79.1	996							20			gsl=2
	79.1	80.1	997							20			sl
	80.1	80.7	998							10			(47)
	80.7	83.1	64999							3			->2
	83.1	83.8	65000							20			sl (2) 90:10
	83.8	85.6	63601							2			
	85.6	86.3	63602							47			(2)
	86.3	88.1	63603							2			
	88.1	89.0	63604							2			
	89.0	90.1	63605							2			(20sl) 70:30

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 916-15

Units: Feet / Metres

Date: MAY 19 1991

Logged By: S. Seal

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Run (Length)	TCR (Length)	ROD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES												CORE SIZE	COMMENTS
						0-30				30-65				65-90					
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
2.4																			
2.7																			
3.4	0.7	0																	
4.0	0.3	0																	
5.3	1.2	0.1																	
6.4	1.1	0																	
7.9	1.0	0																	
8.2	0.2	0																	
9.5	1.3	0.1																	
11.0	1.4	0.1																	
11.9	0.9	0.1																	
12.5	0.3	0																	
14.0	1.4	0.1																	
14.6	0.5	0.1																	
15.9	1.2	0																	
16.8	0.4	0																	
18.3	1.4	0.1																	
19.8	1.5	0.2																	
21.3	1.5	0.1																	
22.0	1.4	0																	
24.1	1.6	0.6																	
25.6	1.5	0.6																	
27.1	1.5	1.3																	
28.0	0.7	0.1																	
28.7	0.3	0																	
29.3	0.3	0																	
30.0	0.6	0																	
30.8	0.7	0.3																	

NIL

casing
9/5 rubble

cave from 7/8

V

