

DDH/91-G.20. (cc)
2/ 8CURRAGH RESOURCES INC.
Lithologic Log

004111

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Date: 29/91 Logged By: D. TENNEY

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
	10 0	12 5 8			18 14	OVERBURDEN - 10 cm RECOVERED TRICOLRED - ONE SMALL GRANITE BOULDER
	12 5 8	12 5 9			15	ZL* (84) GRADE M
						OXIDIZED MASSIVE PYRITIC ORE + SCHAERITE, LIMONITE - UGGY PROBABLY OVERBURDEN.
	12 5 9	12 7 9			15 2 *	GRADE W
						PALE BUFF BROWN ALTERED PHYLLITE + SERICITE - CORE IS WEATHERED + MINOR LIMONITIC STAINING - JOINTED, BROKEN PLACES OTHERWISE FAIR CORING - MINOR MUD - FOLIATION 40°
	12 7 9	12 9 6			17 14	+ 52 L* FAULT GRADE W
						PALE BUFF BROWN / GREEN ALTERED PHYLLITE WITH MUD AND SECTION 1 FAULT BRECCIA - NUMEROUS SMALL 0.5-1 cm ANGULAR FRAGMENTS - CORE VERY SOFT. SLIGHTLY RUSTY AND WEATHERED
	12 9 6	13 0 4			15 2 (72)	GRADE W
						LIGHT BUFF BROWN / GREEN ALTERED MULLOVIDE CHLORITE QUARTZ PHYLLITE - WELL JOINTED NEXT TO BROKEN CORE - FOLIATION 40°
	13 0 4	13 1 1			14 ZG	H/V
						SEMI MASSIVE SILICEOUS PYRITIC ORE - 50% FINE GRAINED DISSEMINATED PYRITE, 12% SCHAERITE, 6% GALENA, IN MATRIX OF GREY FINE GRAINED QUARTZ - GALENA UNUSUALLY COARSE GRAINED AND ABUNDANT. - FAIR CORING MODERATE JOINTING

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1	10	14	16	20	22 24 26 28 30	34 35
	1311	1311	9		1512	G2 GRADE M/L LIGHT BUFF BROWN/GREEN ALTERED SERICITE MUSCOVITE CHLORITE PHYLLITE WITH MINOR PATCHY GALENA (AND SPHALERITE) ALONG S2 FOLIATIONS (20°) GOOD CORING
	1311	1311	8		1512	(72) GRADE W AS 29.6-30.4 - SOFT CORE WELL JOINED MINOR MUD GOUGE
	1311	1312	6		15	ZG → 4 GRADE H MASSIVE TO SEMI MASSIVE PARTLY SILICEOUS PYRITIC SILLANIDES + SPHALERITE (10%) GALENA (5%) - CORE IS MOSTLY BROKEN FOLIATION (MAINLY NEAR END) AT 34°
	1312	1313	7		1712	(74) → 52. FAULT GRADE W GREY TO DARK GREY FAULT GOUGE (33%) WITH FAULT BRECCIA (33%) AND REMNANTS SOFT ALTERED PALE GREEN MUSCOVITE CHLORITE PHYLLITE - CLASTS IN BRECCIA ARE MAINLY PHYLLITE - FOLIATION AND CONTACT ANGLES ARE ~30°
	1313	1317	7		1210	 GRADE W LIGHT TO DARK GREY FOLIATED (39°, 68°, 50°) MUSCOVITE QUARTZ CHLORITE (WEAK PALE GREEN) NOW CALCAREOUS PHYLLITE - MODERATE TO STRONG JOINTING - MINOR MUD GOUGE
	1317	1318	4		1712	 FAULT GRADE W GREY FAULT GOUGE (BRECCIA) + FRAGMENTS SOFT GREY/GREEN PHYLLITE.

Code	From			To			Recov.		No.		Unit		Description
1	10	14	16	20	22	24	26	28	30	34	35		
												FOLIATION IN PHYLLITE 44° - LOWER CONTACT 32° - PHYLLITE U WELL JOINTED TO BROKEN	
	1318	4		1319	0					1512		GRADE W	
												Pale BUFF BROWN GREEN TINGED ALTERED PHYLLITE + MUSCOVITE, SERICITE, CHLORITE FOLIATION (52) AT 41° FAIR CORING MODERATE JOINTING.	
	1319	0		1410	9					1210		GRADE W	
												AS 33.7- 37.7 FOLIATION 38°, 1% DISSEMINATED FINE GRAINED PYRITE MODERATE CORING - BROKEN IN PATCHES	
	1410	9		1411	2					1712	(52)	FAULT GRADE W	
												MUD GOUGE WITH FRAGMENTS ALTERED PALE GREEN PHYLLITE UPPER CONTACT AT 32°	
	1411	2		1413	8					1210	x	GRADE W	
												PALE GREY TO DARK GREY BANDS + FOLIATED MUSCOVITE QUARTZ CHLORITE PHYLLITE - FOLIATION AT 38°, 54°, 46° 37° - FAIR TO GOOD CORING - JOINTED AT START.	
	1413	8		1414	8					1712	(74)	FAULT GRADE W	
												MUD FAULT GOUGE + FAULT BRECCIA - PALE GREEN, DERIVED FROM ALTERED PHYLLITE - LOWER CONTACT AT 12°	
	1414	8		1415	5					1210	Q	GRADE W	
												PALE GREEN / GREY MUSCOVITE CHLORITE PHYLLITE WITH QUARTZ	

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Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28 30	34 35	
						VEINING AT LOW ANGLE (~12°) IN CORE - MODERATELY JOINTED AND BROKEN
	14155	14159			1712	FAULT. GRADE W
						PALE BROWN FAULT GOUGE. - SHARP LOWER CONTACT AGAINST PHYLLITE AT 32°
	14159	15105			1210 (72)	GRADE W
						PALE GREY/GREEN MUSCOVITE QUARTZ CHLORITE PHYLLITE WITH FOLIATION 18°, 2% BLS PYRITE. - JOINTED CORE WITH VERY BROKEN PATCHES + SOME MUD.
	15105	15155			1410	GRADE W
						GREY/GREEN MUSCOVITE QUARTZ CHLORITE PHYLLITE WITH FOLIATION (S2) 41°, 38°, 47° CORE IS MODERATELY TO STRONGLY JOINTED + BROKEN IN PLACES. MINOR WHITE QRTZ VEINING. - CORE IS WEAKLY TO MODERATELY CALCAREOUS
	15155	15188			210	GRADE W
						GREY AND GREEN BANDED FOLIATED MUSCOVITE QUARTZ CHLORITE PHYLLITE - NON CALCAREOUS. - MINOR WHITE QUARTZ VEINING AND BROKEN CORE - OTHERWISE FAIR/GOOD CORING MODERATE JOINTING. - FOLIATION 56°
	15188	15190			1712	FAULT GRADE - W
						GREY MUD FAULT GOUGE + FRAGMENTS PHYLLITE

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Code	From			To			Recov.			No.			Unit			Description
	1	10	14	16	20	22	24	26	28	30	34	35				
																CONTACTS APPEAR CONCORDANT WITH FOLIATION - 41°
		1519	0		1519	7						1210				GRADE C
																GREY/BLACK/GREEN NON METAMORPHIC MUSCOVITE QUARTZ CHLORITE
																PHYLLITE - STRONG FOLIATION ~ 75° - JOINTED CORE - FAIR
																CORING.
		1519	7		1611	2						1512				g PZG GRADE L/M
																ALTERED PALE GREEN MUSCOVITE CHLORITE PHYLLITE - MODERATELY
																SILICIFIED - FINE GRAINED PYRITE (7%), SPHALERITE (5%) GALENA (2%)
																MAINLY CONCENTRATED IN STREAKS AND BANDS // S2 FOLIATION
																MODERATE JOINTING GOOD CORING.
		1611	2		1612	4						17				(5) GRADE H
																FINE GRAINED SUGARY TEXTURED PALE BRASSY YELLOW MASSIVE
																PYRITE WITH GREYER BANDS RICH IN BARITE - THESE CONTAIN
																VERY FINE GRAINED GALENA + SPHALERITE. - GOOD CORING - BANDING
																FOLIATION (S2) AT 56° - WEAK LEACHING IN PLACES
		1612	4		1614	0						15				ZGX (44) 90:10 GRADE H
																DULL BRONZE YELLOW MASSIVE PYRITE WITH PATCHES METABASITE
																(+ GREEN EUCHSITE) - SPHALERITE/GALENA, DISSEMINATED AND IN
																STREAKS AND BANDS - MINOR (3%) WHITE QUARTZ VEINING + DISS.
																PYRITE + CHALCO PYRITE + GALENA - CORE IS MOSTLY BROKEN,
																FRIABLE + SOME PYRITE SAND - FRAGMENTAL (TECTONIC BRECCIA)
																TEXTURE IN PLACES. - CLASTS MAINLY < 3 cm. SURROUNDED.

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Core	From	To	Recov.	No.	Unit	Description
	10	14	16	20	22 24 26 28 30	34 36
						CORE IS SLIGHTLY VUGGY AND POROUS IN PLACES
	1640	1653				ZG
						GRADE H/M
						MASSIVE FINE GRAINED PYRITE PATCHED Banded (S2 FOLIATION)
						AT 76° - DISSEMINATED SPHALERITE AND GALENA MAINLY IN BANDS
						AND STREAKS // S2. - CORE IS POROUS IN PLACES AND FRIABLE TO
						BROKEN WITH SOME PYRITIC SAND 65.0-65.3 m. - FAIR/GOOD
						CORING - SOME MASSIVE PYRITE SECTIONS ARE BARREN.
	1653	1672				
						GRADE W
						MASSIVE FINE GRAINED BRASSY YELLOW PYRITE - FEEL CLOTS
						WHITE QUARTZ - BARREN - FAIR TO GOOD CORING MODERATE
						JOWTING - CORE IS VUGGY (4%)
	1672	1686				(5)
						GRADE H
						MASSIVE FINE GRAINED BRASSY YELLOW PYRITE WITH
						EXTENSIVE GREYER SECTIONS RICH IN BARITE + VERY FINE
						GRAINED SPHALERITE AND GALENA (MORE DOMINANT?). GOOD CORING
						BANDING (S2 FOLIATION) 69°
	1686	1691				
						FAULT
						GRADE L
						GREY/GREEN FAULT GOUGE + PHYLLITE FRAGMENTS - ONE AREA
						PYRITE/SPHALERITE - CONTACT ANGLE ? 68°
	1691	1710				
						GRADE W
						GREY TO DARK GREY PHYLLITE QUARTZ CLASTS PHYLLITE

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28	30 34 35	
						FOLIATION 79° - VERY WELL JOINTED OR BROKEN WITH MINOR MUD. - NON CALCAREOUS.
	17 01	17 08			152	GRADE W
						PALE BUFF BROWN ALTERED PHYLLITE WITH MUSCOVITE SERICITE QUARTZ, AND GREENER LAYERS WITH CHLORITE. - FAIR/GOOD CORING MODERATE JOINTING - FOLIATION 46° - NON CALCAREOUS
	17 08	17 19			1210	GRADE W
						LIGHT TO DARK GREY/GREEN NON CALCAREOUS MUSCOVITE QUARTZ CHLORITE PHYLLITE - GOOD CORING - MODERATE JOINTING // FOLIATION 42°.
	17 19	18 03			1410 L	GRADE W
						CALCAREOUS SILVERY GREY (ESPECIALLY ON FOLIATION SURFACES) MUSCOVITE QUARTZ CHLORITE PHYLLITE - SOME SECTIONS WEAKLY CALCAREOUS OTHERS STRONGLY. - FOLIATION 37°, 44° 49° 60° 44° FAIR TO GOOD CORING - MODERATE JOINTING.
	18 03	18 15			1410 L	GRADE W
						PALE GREEN WEAKLY CALCAREOUS MUSCOVITE QUARTZ CHLORITE PHYLLITE - FOLIATION 45° - GOOD CORING
	18 15	18 25			1410 X (74)	FAULT. GRADE W
						GREY GREEN CALCAREOUS PHYLLITE - BRECCIATED - WITH BROKEN CORE MINOR WHITE VEIN QUARTZ.

Code	From			To		Recov.			No.		Unit		Description	
1	10	14	16	20	22	24	26	28	30	34	35			
	1825	1843								1410	L	GRADE W		
												GREY GREEN CALCAREOUS MUSCOVITE CHLORITE PHYLLITE WITH FOLIATION AT 46° - GOOD CORING MODERATE JOINTING - IRREGULAR 1-3mm WHITE CARBONATE STRINGERS - FOLIATION SURFACES SILVERY MEDIUM GREY - CONTACT WITH FAULT AT 51° (// FOLIATION).		
	1843	1849								1712	(74)	Fault GRADE W		
												PALE GREY GREEN CALCAREOUS PHYLLITE + FAULT GOUGE AND FAULT BRECCIA - UPPER CONTACT 51°		
	1849	1866								1417	C	GRADE W		
												PALE GREEN CALCAREOUS CHLORITE SERICITE PHYLLITE WITH IRREGULAR PATCHES & VEINLETS WHITE QUARTZ - FAIR CORING MODERATE JOINTING - FOLIATION 40°		
	1866	1879								1410		GRADE W		
												LIGHT GREY SILVERY CALCAREOUS MUSCOVITE PHYLLITE FOLIATION 46° GOOD CORING MODERATELY JOINTED		
	1879	1898								1512		GRADE W		
												LIGHT BUFF BROWN ALTERED MUSCOVITE SERICITE PHYLLITE WITH THIN GREEN BANDS + CHLORITE - FOLIATION 51° - FAIR CORING BUT WELL JOINTED WITH ONE BROKEN SECTION		
	1898	1913								1410		GRADE W		
												CALCAREOUS SILVERY GREY MUSCOVITE CHLORITE PHYLLITE		

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Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30	34 35
						WEAKLY CARBONACEOUS IN PATCHES ESPECIALLY TOWARDS END FAIR CORING TO 90-8m THEN JOINED/BROKEN/RUBBLE TO END. FOLIATION (J2) 47°, 72° - MINOR MUD.
	9134	9139			1712	Fault GRADE L LIGHT GREY/GREEN MUD FAULT GOUGE + PHYLLITE FRAGMENTS - FRAGMENTS WELL MINERALIZED GRAPHITIC QUARTZITE + GALENA/ SPHALERITE AT LOWER CONTACT - CORING FAIR, BUT CORE MOSTLY VERY SOFT. - INTERNAL ANGLE 58°
	9139	9162			1310	P ± q GRADE W BLACK GRAPHITIC PHYLLITE WITH BANDS AND DISSEMINATED PYRITE (10%) FOLIATION 54° - FAIR CORING WELL JOINTED MINOR GOUGE IN PLACES - PARTLY SILICEOUS
	9162	9171			120	± q ± g GRADE W DARK GREY NON CALCAREOUS MUCROVITE CHLORITE PHYLLITE. CARBONACEOUS AND SILICEOUS IN PATCHES. - GOOD CORING - MODERATE JOINTING.
	9171	11019			15	ZG GRADE M/H. MASSIVE FINE GRAINED BRASSY YELLOW PYRITE WITH PATCHES AND BANDS SPHALERITE/GALENA - MINOR WHITE QUARTZ VEINING SLIGHTLY UGGY (3%) - POROUS AND FRIABLE 98.5-99.0 FAIR TO GOOD CORING - MINOR METASPHITE NEAR END

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Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30	34 35
	1311	1311	9		1512	G2 GRADE M/L
						LIGHT BUFF BROWN/GREEN ALTERED SERICITE MUSCOVITE CHLORITE
						PHYLLITE WITH MINOR PATCHY GALENA (AND SPHALERITE) ALONG
						S2 FOLIATIONS (20°) GOOD CORING
	1311	1311	8		1512	(72) GRADE W
						AS 29.6-30.4 - SOFT CORE WELL JOINED MINOR MUD GOUGE
	1311	1312	6		15	ZG → 4 GRADE H
						MASSIVE TO SEMI MASSIVE PARTLY SILICEOUS PYRITIC SILLANIDES
						+ SPHALERITE (10%) GALENA (5%) - CORE IS MOSTLY BROKEN
						FOLIATION (MAINLY NEAR END) AT 34°
	1312	1313	7		1712	(74) → 52. FAULT GRADE W
						GREY TO DARK GREY FAULT GOUGE (33%) WITH FAULT BRECCIA
						(33%) AND REMNANTS SOFT ALTERED PALE GREEN MUSCOVITE
						CHLORITE PHYLLITE - CLASTS IN BRECCIA ARE MAINLY PHYLLITE
						- FOLIATION AND CONTACT ANGLES ARE ~30°
	1313	1317	7		1210	GRADE W
						LIGHT TO DARK GREY FOLIATED (39°, 68°, 50°) MUSCOVITE QUARTZ
						CHLORITE (WEAK PALE GREEN) NOW CALCAREOUS PHYLLITE - MODERATE
						TO STRONG JOINTING - MINOR MUD GOUGE
	1317	1318	4		1712	FAULT GRADE W
						GREY FAULT GOUGE (BRECCIA) + FRAGMENTS SOFT GREY/GREEN PHYLLITE

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Code	From		To		Recov.		No.		Unit	Description	
1	10	14	16	20	22	24	26	28	30	34	35
	11015	4	11015	5					1714	(44 Q)	GRADE W
										BROKEN CORE - RUBBLE - FRAGMENTS METABASITE (+ GREEN PULCHSITE)	
										GREY PHYLLITE + WHITE VEIN QUARTZ.	
										105.5m E.O.H.	

ASSAY LOG (SAMPLER'S COPY)

Date MAY 11/91 Sampled by

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DDH 9.1-G.2.0
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Code	FROM	TO (At)	Feature	UPPER Dip Direct.	INTERNAL Dip Direct.	LOWER Dip Direct.	Description
1	10	14 16 20 22 24 26 28 32 34 38 40 44					
	1215	1217	B121G				
	1217	1219	G121X				FAULT.
	1219	1310	B121G				
	1310	1311	J121				
	1311	1312	B121R				
	1312	1313	X121G	310		310	BRECCIA + FAULT GORGE FAULT
	1313	1315	T121B				
	1315	1317	J121				
	1317	1318	G121B			312	FAULT - GORGE GORGE
	1318	1410	J121				MINOR BROKEN
	1410	1411	G121B	312			FAULT - GORGE + BROKEN
	1411	1411	T111				
	1411	1413	J111				
	1413	1414	X121G			112	FAULT - BRECCIA + MUD.
	1414	1415	J121B				
	1415	1415	G121R			312	GOOD ANGLE. FAULT - GORGE + RUBBLE
	1415	1417	J121B				
	1417	1418	R111B				
	1418	1418	J121				
	1418	1419	R121				
	1419	1515	J121				MINOR BROKEN
	1515	1516	R111B				RUBBLE AND BROKEN
	1516	1518	J121				
	1518	1519	G121R			411	FAULT.
	1519	1612	J121				
	1612	1613	R121				
	1613	1615	J121B				
	1615	1615	R111B				BROKEN + PYRITE SAND.
	1615	1618	J121				
	1618	1619	G121X	68			FAULT - GORGE + BRECCIA.
	1619	1710	J131B				
	1710	1718	J121				FAIR/GOOD CORING.
	1718	1718	G111B				SOFT CORE
	1718	1811	J121				GOOD CORING.
	1811	1812	R121B				RUBBLE - BROKEN CORE
	1812	1814	J111				GOOD CORING.

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