

DDH 91-648 (ccc)

CURRAGH RESOURCES INC.
Lithologic LogA??
Loc? Page 3 17
Date: MAY 1/91 Logged By: D. TENNEY

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28	30		34
	10	0	21	9					814	OVERBURDEN - NO RELIEF - TRICONS	
	21	9	31	63					816	OVERBURDEN - MAINLY GRANITE BOULDERS < 40CM IN SILTY SAND	
	31	63	41	02					816	OVERBURDEN - SAND (NO BOULDERS)	
	41	02	41	63					1512	sL* ± c GRADE W LIGHT BUFF BROWN TINGED WITH GREEN ALTERED PHYLLITE + MUSCOVITE CHLORITE SERICITE - MINOR LIMONITIC STAINING DECREASING WITH DEPTH. - CORE JOINTED AND BROKEN WITH MINOR MUD - FOLIATED 43°, 35°, 25° - VERY WEAKLY CALCAREOUS	
	41	63	41	66					1714	(72) FAULT GRADE W PALE GREEN FAULT BRECCIA + GOUGE - FRAGMENTS UP TO 3CM (SUB ROUNDED) MAINLY PHYLLITE	
	41	66	41	85					1210	± c GRADE W GREY/GREEN MUSCOVITE QUARTZ CHLORITE PHYLLITE - BROKEN CORE - SOME LOST. FOLIATION AT 0° TO LOW ANGLES. - WEAKLY CALCAREOUS	
	41	87	51	59					1210	± c GRADE W PALE GREY/GREEN MUSCOVITE CHLORITE QUARTZ PHYLLITE - WEAKLY CALCAREOUS. FEW THIN SECTIONS MUD. AND BROKEN CORE OTHERWISE FAIR CORING AND MODERATE JOINTING. - CORE IS EASILY SCRATCHED WITH A NAIL. - FOLIATION 31°, 25°, 38°	

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	10	14	16	20	22	24	26	28	30	34	
	155	9	157	3					712	(74) (20)	FAULT GRADE W
											PAGE GREY, PAGE GREEN TO BLACK FAULT GOUGE WITH MANY 2-3mm FRAGMENTS AND A FEW SUBROUNDED LARGER ONES (3cm) UPPER CONTACT IS LOW ANGLE (17°) AS IS LOWER (14°) CONTACT - MORE VERY SOFT WITH REMNANTS PAGE GREEN PHYLLITE
	157	3	159	3					120	2g ± c	GRADE W
											GREY/GREEN MUSCOVITE CHLORITE PHYLLITE WITH MINOR CARBONACEOUS MATERIAL FOLIATION (12) AT 44° - MODERATE JOINTING FAIR CORING. - WEAKLY CALCAREOUS
	159	3	163	2					174	(30) ± c	FAULT GRADE W
											BLACK CARBONACEOUS PHYLLITE WITH PATCHY FOLIATION AT LOW ANGLES (<15°) FRAGMENTAL TEXTURE THROUGHOUT (TECTONIC BRECCIA) - SOME MUD GOUGE - MORE W MOSTLY VERY BROKEN - WEAKLY CALCAREOUS
	163	2	166	5					130	(74) ± c	GRADE L
											SIMILAR TO ABOVE BUT LESS TECTONIC BRECCIA, LESS BROKEN, MORE FOLIATED CARBONACEOUS PHYLLITE, - CONTAINS SPHALERITE (4%?) AND PYRITE (5%) IN S2 FOLIATIONS (48°) AND SOME BRECCIA FRAGMENTS (MORE SILICEOUS) NEAR END - WEAKLY CALCAREOUS
	166	5	166	7					144		GRADE L
											METABASITE WITH BRIGHT APPER GREEN FELDSPAR AND PATCHES

Code	From	To	Recov.	No.	Unit	Description							
1	10	14	16	20	22	24	26	28	30	34	35		
												MASSIVE PYRITE - MINOR BROWN GADOLITE - UPPER CONTACT 22°	
	667	681								15	ZGX	GRADE H/V	
												MASSIVE REDDISH BROWN HEAVILY MINERALISED MASSIVE PYRITIC ORE + FRAGMENTAL TEXTURE (TECTONIC BRECCIA) FRAGMENTS ARE MAINLY BARREN MASSIVE PYRITE WITH FEW SILICEOUS REMNANTS. MINOR INCLUSIVE DARK GREY/GREEN/BLACK PHYLLITE NEARER START OF SECTION - GOOD CORING - BUT POROUS IN PLACES - VUGGY (5%) THROUGHOUT I.E. ? LEACHED	
	681	697									15	X	GRADE L
													MASSIVE PALE BARSY YELLOW FINE GRAINED PYRITE WITH FINE (1cm) TO COARSE (5cm) FRAGMENTAL TEXTURE (TECTONIC BRECCIA) GOOD CORING - ONE CLAST IS HIGH GRADE BARITIC ORE.
	697	702									12	PZ	GRADE L
													GREY/BLACK RIBBON BANDED GRAPHITIC QUARTZITE - FAIR CORING MODERATE JOINTING - NON CARBONACEOUS - 10% DISSEMINATED F. GR. PYRITE; 3% SIALURITE (V.F. GRAINED)
	702	706									14	Q	GRADE C
													BUFF BROWN METAGASITE + BRIGHT GREEN FUCHSITE - HEAVY WHITE QUARTZ VEINING + DISS. PYRITE (10%) - GOOD CORING - MINOR MUD
	706	717									12	PZ(44)	GRADE L
													GREY AND BLACK RIBBON BANDED (~0°) GRAPHITIC QUARTZITE

Code	From	To	Recov.	No.	Unit	Description	
1	10	14	16	20	22 24 26 28 30	34 35	HEAVY DISSEMINATED PYRITE (25%) IN MORE SILICEOUS BANDS. FAIR / GOOD CORING - MINOR (3%) FINE GRAINED SPHALERITE. SHORT SECTION GREEN STAINED METABASITE 71.3-71.4 m
	71.17	71.19			44	QP (72) GRADE W METABASITE - RUFF BROWN MAINLY CLAY WITH GREEN FUCHSITE STAINING WITH WHITE QUARTZ MINOR (5%) PYRITE. - LOWER CONTACT AT 19°	
	71.19	71.49			15	ZGX GRADE V MASSIVE RED / BRONZE PYRITIC SULPHIDES WITH PARTLY SILICEOUS MATRIX (10%) - HEAVY RED SPHALERITE / GALENA MINERALIZATION. TEXTURE FRAGMENTAL - 0.5-4.0 cm ANGULAR TO SUB ROUNDED CLASTS MASSIVE PYRITE OF LOWER GRADE THAN MATRIX - GOOD CORING.	
	71.49	71.58			714	(5-ZG) 70:30 GRADE M/L RED / BRONZE MASSIVE PYRITIC SULPHIDES (30%) + HEAVY SPHALERITE GALENA WITH FINE DARK GREEN SAND CONTAINING QUARTZ AND PHYLLITE BUT NO PYRITE. - LWR CONTACT START 28° NOTE - SAND IS PROBABLY CUTTINGS WHICH HAVE FALLEN IN THE HOLE.	
	71.58	71.89			15	ZGX GRADE H/V MASSIVE RED BRONZE / BRASSY YELLOW PYRITIC SULPHIDES WITH FINE TO COARSE (1-5 cm) FRAGMENTAL TEXTURES COMMON. PATCHES HEAVY DISSEMINATED SPHALERITE (RED) / GALENA - CLASTS OFTEN BARREN MASSIVE PYRITE - CORE IS ULLGUY (3%) AND POROUS IN PATCHES. MINOR BANDING (S2?) AT 78.5 (51°)	

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1	10	14	16	20	22 24	26 28	30	34	35
	7.8.9	8.3.5					5	ZG	(20%+PAZ) GRADE V
									AS ABOVE BUT WITHOUT FRAGMENTAL TEXTURES - SILICEOUS MATRIX MOST PARTICULARLY WHERE GRADE U HIGHEST - VERY HIGH GRADE WITH PYRITE CONTENT ABOUT 50%, QUARTZ 20% SPHALERITE 20% GALENA 6% - PYRITE MORE MASSIVE IN PLACES. - FAIR/GOOD CORING MODERATE JOINTING MINOR BROKEN CORE CORE VUGGY (2%).
	8.3.5	8.5.0					5	ZGX = g	GRADE H.
									MASSIVE PYRITIC SULPHIDES + PATCHES RED SPHALERITE/GALENA MINOR QUARTZ (10%) FRAGMENTAL TEXTURE IN PLACES.
	8.5.0	8.5.9					7.4	(5ZGX)	FAULT. GRADE H
									AS ABOVE - VERY BROKEN CORE - 0.3m LOIT CORE
	8.5.9	8.7.5					5	ZGX = g	GRADE H
									AS 83.5-85.0 MINOR (4%) WHITE GREY QUARTZ
	8.7.5	8.7.8					7.4	(5ZG)	FAULT GRADE M
									GREEN SAND - QUARTZ RICH - WITH REMNANTS OF ABOVE IGNORE → UNIT IS CAVE OUT.
	8.7.8	8.8.6					2	ZG	GRADE M
									- slight, carbonaceous GREY QUARTZITE + 20% DISSEMINATED PYRITE; 5% SPHALERITE 3% GALENA. - BROKEN/JOINTED CORE. - WEAKLY VUGGY (2%).
	8.8.6	8.9.0					5	ZGX	GRADE H
									AS 85.9-87.5 - NO QUARTZ STRONG FRAGMENTAL TEXTURE

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Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28	30 34 35		
						VUGGY (4%) AND PORES - FAIR CORING.
	89 0	91 4			12 ZG	GRADE H/V GREY/BLACK REBOW BANDED CARBONACEOUS QUARTZITE - RED WITH DIAMINATIONS + STREAM SPHERULITE (15%) GRAENA (5%) FOLIATION 29° - CORE WELL JOINED PART BROKEN - NON CALCAREOUS
	91 4	91 8			1714 (72)	FAULT GRADE W GREY BLACK GORGE AND BROKEN CORE WITH FRAGMENTS WHITE QUARTZ
	91 8	91 33			12 ZG	GRADE H AS 89.0-90.4 - BUT BARREN OF MINERALIZATION FROM 91.4 TO 92.0. ALSO FOLIATION AT MORE THAN ONE ANGLE - PARTLY BROKEN ESPECIALLY 92.9-93.3 - SOME GOOD CORING.
	91 33	91 40			1712 (74)	FAULT GRADE W GREY AND GREEN FAULT GORGE WITH ANGULAR CLASTS UP TO 1CM - WHITE QUARTZ AND GREEN PHYLLITE FRAGMENTS - FAIR CORING.
	91 40	91 62			610 (72N)	GRADE W WHITE QUARTZ VEINING (40%) IN MATRIX OF MUD (20%) AND GREEN/GREY PHYLLITE (? CLASTS) SOFT CORE - NON CALCAREOUS.
	91 62	1101 01			1210 Q (74)	FAULT ZONE GRADE W GREY GREEN NON CALCAREOUS MULLOVITE CLORITE PHYLLITE

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
											WITH SECTIONS BROKEN CORE + MINOR GOUGE. - FRAGMENTAL TEXTURE COMMON - FOLIATION IN PLACES 42°
	110101	110194								1210	GRADE W DULL GREY GREEN MUSCOVITE QUARTZ CHLORITE PHYLLITE FOLIATION 44° WELL JOINED TO BROKEN CORE MINOR MUDDY SECTIONS - FRAGMENTAL TEXTURE (TECTONIC BRECCIA) IN PLACES - MINOR WHITE QUARTZ VENING (3%) BETTER CORING TOWARDS END.
	110194	111113								1712	(74) FAULT GRADE W. PALE GREY FAULT GOUGE + BRECCIA. 109.4 - 110.9 1.4' LOST CORE
	111113	111163								1210	g ± g GRADE W GREY TO DARK GREY FOLIATED MUSCOVITE QUARTZ CHLORITE PHYLLITE WEAKLY SILICIFIED - MINOR GRAPHITE (FOLIATION BREAKS DO NOT LEAVE BLACK MARK ON FINGER) GREY IS MAINLY BROKEN WITH MINOR MUD GOUGE - PART OF FAULT ZONE. - FOLIATION 39°
	111163	111198								1714	(72) FAULT BRECCIA GRADE W LARGE SUBROUNDED CLASTS GREY/GREEN PHYLLITE (4cm) GRADATIONAL TO SMALL ANGULAR CLASTS IN PALE GREY/ GREEN MATRIX OF FAULT GOUGE - LOWER CONTACT 11°

Fault Log

Date: MAY 2/91 Logged By: J. TENNEY

Core	FROM		TO (At)		Feature	REG	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description
	10	14	16	20			22	24	26	28	32	34	
	1410		144		B11J								
	144		1416		J121								
	1416		1416		G121X								FAULT - BXA + GOUGE
	1416		1417		B11T								
	1417		1515		J121B								MINOR BROKEN
	1515		1517		X121G		117				114		FAULT - BRECCIA + GOUGE.
	1517		1519		J121T								PATCHES WELL JOINTED
	1519		1613		X121G				115				FAULT - BRECCIA + GOUGE. ANGLE?
	1613		1616		J121B				212				CONTACT.
	1616		1711		J121								SULPHURED
	1711		1711		R12G						119		METABASITE. - CONTACT.
	1711		1714		J111								
	1714		1715		R13								SAND + SOLID WORE
	1715		1718		J111B								MINOR BROKEN PATCHES
	1718		1813		J121								
	1813		1815		B111								
	1815		1815		R111								FAULT. MINOR PYRITE SAND + RUBBLE
	1815		1817		J121								
	1817		1817		R121B								FAULT - RUBBLE + SAND
	1817		1910		J121B								
	1910		1910		R121G								FAULT.
	1910		1911		J121B								
	1911		1912		J121								
	1912		1913		B111								
	1913		1914		X121G								FAULT BRECCIA + GOUGE
	1914		1916		J121G								SOME BRECCIA -
	1916		1917		J121								
	1917		11010		B11G								BROKEN CORE MINOR GOUGE
	11010		11011		B11T								
	11011		11012		B121G								MINOR GOUGE
	11012		11014		B11G								"
	11014		11015		X121G								FAULT - BRECCIA + GOUGE
	11015		11016		B111								
	11016		11019		J121								
	11019		1111		G131X								FAULT - GOUGE + BXA - L.C.
	1111		1116		B11J								MINOR GOUGE

