

003126

1991 Grum Drill Logs

91G-27 - 91G 53

Volume II

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91-G-27 (EE)

Reference Fabric Orientation Diagram:

Project: _____

Location: Gizun PIT

Claim: _____

Terr. Plane Co-ords.: 6242.8 N

2779.4 E

Grid Co-ords: _____

Elevation: 1289.3

All symmetry determinations looking

Total Depth: 106.1

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: No Steel down Hole: No

Size	CORE From	To	Collar Cased and Capped: <u>No</u>
<u>CASING</u>	_____	_____	

Assay Lab: _____

N.R. _____

Certificate No's: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

DDH 91-G-27
2 8

Diamond Drill Core Log

Date: APRIL 91 Logged By: R. WRIGHT

Code	Drillhole	Elevation				Northing				Easting				Units (feet/metres)	R.F.E
I	2	8	10	16	17	24	25	32	34	39	41	42			
T															

Code	Drillhole	Depth				Zenith Angle	True Azimuth				Comments			
I	2	8	10	14	22	26	28	32	34					
R			90	-90.0						AT COLLAR, VERTICAL				
R			106.7	-86.7	030.0					END OF HOLE				
R														
R														
R														
R														
R														
R														
R														
R														
R														
R														
R														
R														
R														
R														
R														
R														
R														
R														
R														
R														
R														
R														

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions												
I	2	8	10											56

CURRAGH RESOURCES INC.
Lithologic Log

Date: AP 24/91 Logged By: D. TENNEY

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24 26 28 30	34 35		
	120	136 8			1814	TRICONED OVERBURDEN
	136 8	148 9			1816	OVERBURDEN - GRANITE Boulders in silty sand.
	148 9	1515 2			1310 ^{tg}	BLACK FOLIATED VERY CARBONACEOUS PHYLITE - FOLIATION (SZ) AT 50' - CORE VERY JOINTED AND PARTLY BROKEN - SOME MIN
	1515 2	1515 5			1512 (SZG) 70:30	GRADE L ALTERED PHYLITE - PALE BUFF BROWN/GREEN + 1 CM BAND MASSIVE PYRITE + SPANCERITE AND GALENA ± 10° ALONG CORE - INTERVAL STARTS WITH 5 CM SIMILAR MINERALIZED MATERIAL - CORE FRACTURED AND SOFT.
	1515 5	1516 2			174 → 72	FAULT GRADE W BLACK FAULT GULGE WITH SMALL ANGULAR FRAGMENTS - LOST CORE
	1516 2	1517 3			1310 ^g ZG(QPX) 40:60	GRADE M/L BLACK SILICIFIED GRAPHITIC PHYLITE + HEAVY SPANCERITE/GALENA DISSEMINATED IN MORE SILICEOUS BANDS (AT 56°) - WHITE QUARTZ VEIN WITH 1 CM HEAVY PYRITE SPANCERITE ON LOWER CONTACT (IRREGULAR ~ 35°) - FIRST PART OF INTERVAL IS REPEATED BRECCIA QTZ/GRAPHITIC PHYLITE. CORE MAINLY BROKEN MINOR GALLIE.

Code	From	To	Recov.	No.	Unit	Description
	10	14 16	20 22 24	26 28 30	34 35	
	573	586			310 ± g	GRADE L BLACK GRAPHIC PHYLLITE FOLIATED STRONGLY AT 57° - SILICIFIED IN PLACES + DISSEMINATED PYRITE (4%) SPHALERITE (3%) GALENA (1%) FAIR GOOD CORING. WELL JOINTED // S2.
	586	618			521 g z	GRADE L LIGHT GREEN SILICIFIED ALTERED PHYLLITE + SPHALERITE ON JOINTS + S2 FOLIATIONS MAINLY IN SILICEOUS SECTIONS - MODERATE CORING.
	589	597			1210 g POK	GRADE W GREY/BLACK MUSCOVITE CHLORITE PHYLLITE FOLIATIONS 67° - WEAKLY SILICIFIED IN PLACES + DISSEMINATED PYRITE - NON CALCAREOUS MINOR WHITE QUARTZ VEINING (5%) MINOR WHITE CARBONATE (ANKERITE) TRACES SPHALERITE.
	577	611			512 g Q	GRADE W PALE BUFF BROWN ALTERED PHYLLITE + SERICITE - SILICIFIED FOLIATED 68° - MINOR WHITE VEIN QUARTZ (5%) WELL JOINTED BUT GOOD CORING.
	611	643			210 g QP	GRADE W GREY SILICIFIED MUSCOVITE CHLORITE PHYLLITE (70%) GREY QUARTZ VEINING + FRAGMENTS (30%) WHITE DOLOMITE CRYSTALS - PYRITE COMPRISES ~ 5% OF VEIN - FOLIATION (S2) WEAK 48° - MODERATE CORING MORE JOINTED TOWARDS END - THIS SECTION ALSO ALTERED.

CURRAGH RESOURCES INC.
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28 30	34 35	
	614	3 617	8		1712	→ S2 FAULT GRADE W PALE BUFF BROWN ALTERED PHYLITE - MUCH FAULT GOUGE/ BRECCIA (50%) + BROKEN CORE
	617	8 618	5		512	9 QP GRADE W PALE BUFF BROWN ALTERED MUSCOVITE SERICITE PHYLITE SILICIFIED + DISSEMINATED PYRITE (3%) FOLIATION 74° - WELL JOINED BUT FAIR CORING - NON CALCAREOUS
	618	5 619	9		1210	GREY FINELY FOLIATED MUSCOVITE BIOTITE QUARTZ CHLORITE PHYLITE - FOLIATION 70° - GOOD CORING MODERATE JOINTING.
	619	9 716	2		512	(20 Q) 50:50 GRADE W MIXED ZONE GRADATIONAL CONTACTS BETWEEN LIGHT BUFF BROWN ALTERED PHYLITE (MUSCOVITE SERICITE QUARTZ) AND LIGHT GREY MUSCOVITE CHLORITE PHYLITE WITH CLOVE PATCHES & VEINLET WHITE GREY QUARTZ (4%) FAIR TO GOOD CORING WITH FEW BROKEN SECTIONS FOLIATION 51° NON CALCAREOUS
	716	2 813	7		1210	GRADE W LIGHT TO DARK GREY WELL FOLIATED (70, 73°) MUSCOVITE BIOTITE QUARTZ CHLORITE PHYLITE FAIR-GOOD CORING. MODERATE JOINTING. - MINOR WHITE QUARTZ VEINING WITH LIGHT HONEY BROWN ANKERITE - NON CALCAREOUS

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2 8CURRAGH RESOURCES INC.
Lithologic LogPage 6 of 12

Date: _____ Logged By: _____

Code	From			To			Recov.		No.		Unit		Description
	1	10	14	16	20	22	24	26	28	30	34	35	
		1813	7		1817	3					1210	OK	GRADE - W
													AS ABOVE WITH MORE QUARTZ CARBONATE - MORE BROKEN AND
													MINOR PATCHES FAULT GOUGE. FOLIATION 69° - NON-CALCAREOUS
		1817	3		1910	2					1210		GRADE - W
													LIGHT GREY TO DARK GREY WELL FOLIATED MUSCOVITE CHLORITE
													PHYLLITE FAIR GOOD CORING MODERATE JOINTING - NON-CALCAREOUS
													FOLIATION 70°
		1910	2		1910	8					1712	→ 20	FAULT GRADE - W
													BROKEN GREY/BROWN MUSCOVITE CHLORITE NON-CALCAREOUS
													PHYLLITE + FAULT GOUGE
		1910	8		1917	5					1210		GRADE - W
													PALE TO DARK GREY FOLIATED MUSCOVITE CHLORITE PHYLLITE
													MAINLY FAIR/GOOD CORING. BUT WITH MINOR MILD AND
													BROKEN CORE ESPECIALLY 75.1 - 97.5 - NON-CALCAREOUS
		1917	5		1919	8					1512	Q	GRADE W
													PALE BUFF BROWN/GREEN ALTERED PHYLLITE - WELL FOLIATED 64°
													FAIR CORING MODERATE JOINTING MINOR BROKEN CORE - NON-CALCAREOUS
		1919	8		1101	0					1512	g PZG (SR)	GRADE M/L
													LIGHT BROWN/GREEN ALTERED PHYLLITE BEDDING SILICIFIED GREY WITH
													HEAVY SPHALERITE/GALENA ALONG FRACTURES // S2 FOLIATION (61°)
													HEAVY PYRITE OVER 10cm AT START + MAGNETIC PYRRHOTITE.

ASSAY LOG (SAMPLER'S COPY)

Date _____

Sampled by _____

CODE	FROM			TO			SAMPLE	INTR.			REC (m)	UNIT	DESCRIPTION
	10	14	16	20	22	26		28	30	32			
		552		555	64649			103		103		52	
		555		562	650			107		102		74	
		562		573	651			117		108		30	
		572		589	652			116		116		30	
		589		599	653			108		108		20	
		997		1012	64654			117		117		52	← waste
													EOH 106.1

Code	From		To		Feature	Sym	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	25	28	32	34		38
				157	P1S12							50		
				157	P1S12							56		
				158	P1S12							57		
				159	P1S12							67		
				160	P1S12							68		
				163	P1S12							48		
				168	P1S12							714		
				169	P1S12							710		
				172	P1S12							57		
				175	P1S12							62		
				179	P1S12							70		
				81	P1S12							73		
				84	P1S12							69		
				88	P1S12							78		
	1819			1819	P1S12							77		WITH S1 FOLDS. ~ // to line
				194	P1S12							74		
				198	P1S12							64		
				101	P1S12							67		
				104	P1S12							67		

Code	FROM	TO (At)	Feature	UPPER Dip Direct.	INTERNAL Dip Direct.	LOWER Dip Direct.	Description
	10	14					
	16	20					
	22	24					
	26	28					
	32	34					
	38	40					
	44						
	1418	1515	R1319				
	1515	1515	B1219				
	1515	1516	G131X			476	MUD/ORECCLIA FAULT
	1516	1517	B1219				
	1517	1519	J131				
	1519	1613	J121				
	1613	1614	B121J				
	1614	1617	G121B				FAULT - GOUGE + BROKEN
	1617	1619	J121				
	1619	1716	J111				
	1716	1718	J121				
	1718	1810	J111				
	1810	1813	J121				
	1813	1814	T1319				MINOR GOUGE
	1814	1815	J121				
	1815	1815	B1119				HEAVY GOUGE AT START - FAULT
	1815	1816	J121				
	1816	1816	G121				GREY GOUGE - FAULT.
	1816	1910	J121				
	1910	1910	B1319				FAULT - BROKEN MINOR GOUGE
	1910	1915	J121				
	1915	1915	B1319				
	1915	1916	J121				
	1916	1917	B121				
	1917	11016	J121				EDH.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-28 (DD)

Reference Fabric Orientation Diagram:

Project: _____

Location: GROW PIT

Claim: _____

Terr. Plane Co-ords.: 6236.2 N

2755.8 E

Grid Co-ords: _____

Elevation: 1288.1

All symmetry determinations looking

Total Depth: 109.1 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: No Steel down Hole: No

Size CORR CORE From _____ To _____ Collar Cased and Capped: No

N/A _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 9 - G. 28 (DD)

CURRAGH RESOURCES INC.

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Lithologic Log

Date: Ap 23/91 Logged By: J. TENNEY

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	100	1265								184	TRICONED
	1265	13157								1816	OVERBURDEN - ROUNDED GRANITE Boulders IN LIGHT BROWN SILTY SAND
	13157	13166									OVERBURDEN - SILTY SAND
	13166	15111								1816	OVERBURDEN - MAINLY GREY GRANITE Boulders + FRAGMENTS IN BROWN SILTY SAND.
	13166	15117								1816	OVERBURDEN - THREE Boulders; ALL UNWEATHERED - 1.6m LOST (1) PYRITIC MASSIVE SULPHIDES WITH BANDED Sphalerite/GALENA (2) GREY/BLACK RIBBON BANDED GRAPHITIC QUARTZITE 10% PYRITE (3) GREY FELDSPAR PORPHYRY (5 MM WHITE FEL) SPAR PNEUOLYSTS
	15117	15127								12	ZG.L* GRADE - H. GREY/BLACK RIBBON BANDED CARBONACEOUS QUARTZITE - SILICIFIED - DISSEMINATED PYRITE 10% Sphalerite 6% GALENA 3% CORE IS VERY BROKEN AND OXIDIZED - 0.5m LOST CORE (POSSIBILITY THIS IS STILL PART OF OVERBURDEN)
											52.7 - 89.4 FAULT ZONE - BROKEN CORE + MUD GOULGE - ALL NON CALcareous
	15127	15155								15127	(74)(72) GRADE W) PALE BUFF BROWN SILICIFIED ALTERED PHYLITE - FOLIATION 55°

CURRAGH RESOURCES INC.
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30	34 35
	15	5	16	4		712 (20) FAULT GOUGE, GRADE W
						MAINLY GREY MUD + FRAGMENTS SLIGHTLY ALTERED GREY
						PHYLLITE - MINOR (5%) WHITE QUARTZ VEIN. 56.7-56.9 m
	16	10	4	16	11	414 J (72) METABASITE GRADE W
						PAGE BROWN AND GREEN METABASITE - BROKEN & MUDDY CORE
	16	11	0	16	12	4 712 FAULT GOUGE GRADE W
						PAGE GREY/BROWN/GREEN FAULT GOUGE (BRECCIA)
	16	12	4	16	12	6 1210 (72) GRADE W
						PAGE GREY MUSCOVITE CHLORITE PHYLLITE (NOW CALCAREOUS) + GOUGE
	16	12	6	16	12	9 610 P GRADE W
						WHITE QUARTZ VEIN - 15% PRICE IN PATCHES AND FRACTURES
	16	12	9	16	14	3 1210 (72) GRADE W
						PAGE GREY MUSCOVITE CHLORITE PHYLLITE + MUD GOUGE
	16	14	3	16	17	5 712 (74) FAULT GOUGE + FAULT BRECCIA GRADE W
						GREY TO PAGE GREY FAULT GOUGE WITH FAULT BRECCIA
						(SEE 64.3-64.6) + LOW ANGLE (70) SHEAR FABRIC - LOST CORE.
	16	17	5	17	11	2 1210 QY (72) GRADE W
						PAGE GREY MUSCOVITE PHYLLITE - SILICIFIED + PATCHES WHITE

DDH 9-G-28
2 8CURRAGH RE_SOURCES INC.
Lithologic LogPage 5 of 13
Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	711	2	712	2		712	→ 52				GRADE W
											LIGHT BROWN/GREEN FAULT GOUGE + LIGHT BUFF BROWN BROWN MUSCOVITE QUARTZ SERICITE PHYLLITE
	712	2	715	9		712	→ 20				GRADE W
											MAINLY GREY FAULT GOUGE WITH SECTIONS LIGHT/DARK GREY MUSCOVITE CHLORITE PHYLLITE - BROKEN
	715	9	812	1		712	(74) → 20Q				FAULT GOUGE + BRECCIA GRADE W
											LIGHT GREY/GREEN FAULT BRECCIA WITH FRAGMENTS GREY PHYLLITE UP TO 5 CM. MINOR INCLUSIONS GREY MUSCOVITE CHLORITE PHYLLITE (81.6-81.4). EXTENSIVE SMALL ANGULAR FRAGMENTS WHITE QUARTZ (5%) - LOW ANGLE SHEAR FABRIC
	812	1	813	0		12	ZG				GRADE L
											BLACK/GREY RIBBON BANDED CARBONACEOUS QUARTZITE WITH PYRITE (10%) SPHALERITE (4%) GALENA (1%) - PARTLY BROKEN MINOR GOUGE
	813	0	813	7		714	(72) (20)				GRADE W
											FAULT BRECCIA WITH DARK GREY/BLACK SOFT PHYLLITIC FRAGMENTS IN SIMILAR BUT FINE GRAINED, MATRIX - MINOR FAULT GOUGE GOOD CORING.
	813	7	816	0		12	ZG				GRADE M
											FAULT BRECCIA WITH DARK GREY/BLACK SOFT PHYLLITIC ± 5°

DDH 9 - G. 2. 8
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 6 of 13

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
												DISSEMINATED PYRITE (10%) SPHALERITE (5%) GALENA (2%) MAINLY CONCENTRATED IN SILICEOUS LAYERS // σ FOLIATION.
	86	0	89	2		712	(74)					FAULT GOUGE/BRECCIA. GRADE W DARK GREY BLACK FAULT GOUGE WITH PIECES BLACK MUSCOVITE CHLORITE PLYLLITE -
	89	2	90	1		1512	ALTS					GRADE W LIGHT BROWN/GREEN ALTERED PLYLLITE + MUSCOVITE, QUARTZ, SERICITE, MINOR CHLORITE - DISSEMINATED PYRITE 1% FAIR CORING BUT JOINTED.
	90	1	92	5		13						GRADE W GREY NON CARBONACEOUS QUARTZITE 25% DISSEMINATED PYRITE TRACE CHALCOPYRITE FOLIATION WEAK 73°
	92	5	97	0		13	ZG					GRADE L AS ABOVE WITH DISSEMINATED SPHALERITE (6%) GALENA (4%) - HEAVIER THAN USUAL - TRACE CHALCOPYRITE - MODERATE/GOOD CORING EXCEPT 94.5-96.0 WHICH IS MAINLY BROKEN - LOWER CONTACT 23°
	97	0	98	9		1512	Q (3ZG)	70:30				GRADE L/M ABOUT INTERBANDER (37°) // FOLIATION WITH LIGHT BLUE BROWN SERICITIC ALTERED MUSCOVITE QUARTZ PLYLLITE. FEW PATCHES HEAVY WHITE QUARTZ VEIN (10%)

DDH 9 - G28
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 7 of 13

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
	989	11016			3	ZG GRADE M/H.
						GREY MODERATELY FOLIATED QUARTZITE (NON CARBONACEOUS) WITH 5% DISC. PYRITE: SPHALERITE (6%) GALENA (3%) - SULPHIDES CONCENTRATED ALONG FRACTURES AND S2 FOLIATION (43°) ROCK IS HARD - MODERATE/GOOD CORING EXCEPT 101-102m JOINTED AND BROKEN
	11016	110123			1712	FAULT GORGE GREY MUD + SMALL (1-3cm) BRECCIA FRAGMENTS.
	110123	110131			3	(32G) X GRADE M/H.
						GREY SILICIOUS BRECCIA WITH MINERALIZED FRAGMENTS PYRITE QUARTZITE - FRAGMENTS 5mm - 5cm MAINLY ANGULAR MODERATE/GOOD CORING
	110131	110157			15	ZG GRADE H
						MASSIVE BRASSY BROWN PYRITE WITH DISSEMINATED SPHALERITE/GALENA FEW BLEBS (5mm) AND GREY QUARTZ MODERATE CORING - 3% UUGI FOLIATION 67°
	110157	110162			3	ZG GRADE M/L
						GREY WEAKLY FOLIATED QUARTZITE WITH 5% PYRITE, 4% SPHALERITE, 2% GALENA. FAIR CORING BUT JOINTED.
	110162	110165			1714 (72)	FAULT GRADE W

ASSAY LOG (SAMPLER'S COPY)

Date Apr 24/91 Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.		REC (m)	UNIT		DESCRIPTION		
	10	14	16	20		22	26		28	30		32	34
	5	17		52	7	64710	10	10	5			2	
	8	2		8	3	0	711	10	9	10		2	
	8	3		8	3	0	712	10	7	10		17	14
	8	3		8	6	0	713	2	8	11		2	
	9	2		9	4	0	714	11	5	11		3	
	9	4		9	5	5	715	11		11		3	
	9	5		9	7	0	716	11	5	11		3	
	9	7		9	8	0	717	11	9	11		5	2
	9	8		11	0	2	718	11	3	11		3	
	11	0		11	0	1	719	11	4	11		3	
	11	0		11	0	2	720	10	7	10		17	2
	11	0		11	0	3	721	10	8	10		3	
	11	0		11	0	4	722	11	3	11		5	
	11	0		11	0	5	723	11	3	11		5	
	11	0		11	0	6	724	10	5	10		3	
	11	0		11	0	7	725	11	3	11		3	

Code	FROM		TO (At)		Feature	RES	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description	
	1	10	14	16			20	22	24	26	28	32		34
		1511		1515	R121G									Fault Zone to 89.4m
		1515		1612	G121R									
		1612		1614	J131G									
		1614		1617	X131G									BRECCIA + GOUGE - Fault
		1617		1617	R131									
		1617		1618	J131									
		1618		1619	B131G									
		1619		1710	J131B									
		1710		1711	B131G									
		1711		1711	J121									
		1711		1712	G131X									GOUGE + BRECCIA FAULT.
		1712		1715	B121G									MINOR GOUGE
		1715		1812	X131G									
		1812		1813	J121									
		1813		1815	J121B									PART BROKEN
		1815		1819	B131G									BROKEN + GOUGE - LOST CORE.
		1819		1914	J121									GOOD CORING.
		1914		1916	R131J									BROKEN & JOINTED
		1916		11010	J121									
		11010		11011	B111J									FAIR CORING.
		11011		11012	X131G									FAULT BRECCIA + GOUGE
		11012		11016	J121									GOOD CORING.
		11016		11016	R131G									
		11016		11019	J111									MAINLY GOOD CORING.
														HOLE IN FAULT ZONE
														FROM 51.1 - 89.4 m

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-29 (11)

Reference Fabric Orientation Diagram:

Project: _____

Location: _____

Claim: _____

Terr. Plane Co-ords.: 6183.1 N

2826.5 E

Grid Co-ords: _____

Elevation: 1288.9

All symmetry determinations looking

Total Depth: 104.9 m

_____ with _____ dipping

Inclination: -90

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: No Steel down Hole: No

Size	CORE From	To	Collar Cased and Capped: <u>No</u>
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91-G-29
2 8

Diamond Drill Core Log Date: APRIL 91 Logged By: R. WRIGHT

Code	Drillhole	Elevation	Northing		Easting			Units (feet/metres)	R.F.E
	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>
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T									

Code	Drillhole	Depth			Zenith Angle	True Azimuth			Comments
		<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	
I	2 8 10 14 22 26 28 32 34 56								
R		00.0	-90.0					AT COLLAR VERTICAL	
R		100.6	-86.6	106.0				END OF HOLE	
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Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions																																									
	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>	<small>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42</small>																																									
I	2 8 10 56																																										

DDH 9-629 (II)
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 3 of 17Date: Apr 19/91 Logged By: D. TENNEY

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	20	22	24	26	28	30	34	35	
	10	0	12	7	5				18	4	OVERBURDEN - NO RECOVERY
	12	7	5	12	9	3			18	6	GRANITE BOLLERS + MINOR ALBITE
	12	9	3	13	3	0			15	2	(20) GRADE - W
											DARK GREY FOLIATED MUSCOVITE CHLORITE PHYLLITE WITH PIRE
											BUFF/GREEN SECTIONS ALTERED PHYLLITE - FOLIATION 54-75°
											JOINTED AT START - FAIR/GOOD CORING AT END. NON CALCAREOUS
	13	3	0	13	3	2			17	2	(20) FAULT.
											GREY/GREEN MUD GOUGE + FRAGMENTS ALTERED PHYLLITE
											LOWER CONTACT @ 49°
	13	3	2	13	4	1			13	0	PR GRADE W
											BLACK GRAPHIC PHYLLITE - NOT WELL FOLIATED - SILICIFIED - HARD
											1-2 cm BANDS HEAVY DISSEMINATED PYRITE/PYRRHOTITE (~68°)
											NON CALCAREOUS. GOOD CORING.
	13	4	1	13	5	1			15	2	GRADE - W
											PALE BUFF BROWN/GREEN ALTERED PHYLLITE 2% DISSEMINATED PYRITE
											GOOD CORING - STRONG FOLIATION 73° - (CHLORITE MUSCOVITE
											SERPENTINE QUARTZ)
	13	5	1	13	5	4			15	2	GRADE H/V
											PALE BRASSY YELLOW MASSIVE FINE GRAINED PYRITE IN STRONGLY
											CARBONATED MATRIX + F.G.R. DISSEMINATED SPHALERITE + GALENA IN BROWN/RED PATCHES
											GRADE IS HIGH. V. GOOD CORING. UPPER CONTACT 79°; LOWER
											CONTACT IRREGULAR BELT AT HIGH ANGLE. TRACE PYRRHOTITE

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
	1315	4	1315	7						13	ZG	GRADE H
												GREY QUARTZ WITH BANES + DISSEMINATED PYRITE (2.5%) SPHALERITE (10%) GALENA (4%) - GOOD CORING PARTLY BROKEN. - WET CORE
	1315	7	1317	2						18	ZGWQ	GRADE H
												CLOTS OF WHITE QUARTZ CARBONATE (DOLomite) (50%) WITH MATRIX FINE GRAINED DISSEMINATED PYRRHOTITE (20%) PYRITE (5%) SPHALERITE, (8%) GALENA (4%) - GOOD CORING.
	1317	2	1317	4						18	ZGC	GRADE H/V
												NEAR MASSIVE PYRITE/PYRRHOTITE (80%) COARSE BANDING 73° NO CHALCITE. DISSEMINATED AND REELS SPHALERITE (8%) GALENA (4%) CHALCOPYRITE (2%) LOWER CONTACT SHARP AT 68°
	1317	4	1318	3						20	QIZ	GRADE V
												PAGE GREY/GREEN MUSCOVITE CHLORITE PHYLLITE - NON CARBONATE WITH WHITE QUARTZ VEINING AND STRINGERS + WHITE DOLomite XTALS. FOLIATION + VEINING MAINLY AT HIGH ANGLE GOOD CORING BUT JOINTED - FEW SMALL VEINETS SPHALERITE/GALENA ~ 30° LOWER CONTACT BROKEN WITH FRAGMENT PYRRHOTITIC PRE.
	1318	3	1411	0						20	Q	GRADE W
												GREY TO DARK GREY WELL FOLIATED MUSCOVITE CHLORITE BIOTITE PHYLLITE FAIR CORING JOINTED HEAVY PATCHES WHITE VEIN QUARTZ - FOLIATION AT HIGH ANGLE THROUGHOUT (69°)

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
	1411	0	1416	8						1210		GRADE W
												GREY TO DARK GREY MUSCOVITE QUARTZ CHLORITE PHYLLITE - WELL FOLIATED 66° FAIR TO GOOD CORING SOME JOINTING
	1416	8	1417	4						1712	(52)	FAULT GRADE W
												GREY/PALE GREEN BROKEN PHYLLITE WITH 25% MUD GOUGE LOWER CONTACT 44°
	1417	4	1419	4						20	g ZGP → 3	GRADE L
												GREY (BLACK) GREEN VARIABLY SILICIFIED MUSCOVITE CHLORITE QUARTZ PHYLLITE - FOLIATION IRREGULAR ~ 45° WHITE QUARTZ STRINGERS/VEINLETS WITH MINOR WHITE DOLOMITE DISSEMINATED SPHALERITE/GALENA MAINLY IN BANDS // S FOLIATION. FAIR CORING MODERATE JOINTING - MORE SILICIFIED TOWARDS END - NON CALCAREOUS.
	1419	4	1511	1						15	c ZGB	GRADE H
												MASSIVE CALCAREOUS PYRITIC LUPHISED + DIS. SPHALERITE & GALENA GOOD CORING - PARTLY BRITTLE
	1511	1	1512	9						1210	g PZGC	GRADE L
												GREY FOLIATED MUSCOVITE QUARTZ PHYLLITE - HIGHLY SILICIFIED DISSEMINATED PYRITE (10%), SPHALERITE (3%) GALENA (1%) CHALCOPYRITE (TR) MAINLY IN BANDS. FAIR CORING - MODERATE TO STRONG JOINTING FOLIATION AT 63°

Code	From	To	Recov.	No.	Unit	Description
	10	14 16	20 22 24 26 28 30	34 35		
	1512 9	1514 1			15 BcZG	GRADE H/V BASSY YELLOW MASSIVE PYRITIC ORE SECTIONS WITH BARITE - FINE GRAINED SPHALERITE AND GALENA HEAVY IN PATCHED. BANDING AT LOW ANGLE TO CORE AXIS ($\pm 3^\circ$) NOSE OF FOLD? - CARBONATED MAINLY ON JOINTS.
	1514 1	1516 8			120 9 PZG	GRADE - L PALE GREY/GREEN FOLIATED MUSCOVITE QUARTZ PHYLLITE - HEAVY SILICIFICATION, DISSEMINATED PYRITE (10%) SPHALERITE (3%) GALENA (1%) MAINLY IN BANDS // FOLIATION (84°) - ALSO "M" FOLD AT 54.6
	1516 8	1518 4			15 BZGc	GRADE H/V BASSY YELLOW MASSIVE FINE GRAINED PYRITE WITH GREY TINGED AREAS OF BARITIC ORE AND RED/BROWN AREAS RICH IN SPHALERITE ROUGHLY Banded (52°) AT 35° - GOOD CORING CARBONATED MAINLY ON JOINTS.
	1518 4	1519 7			120 9 ZG \rightarrow 52	GRADE - W GREY & GREEN SILICIFIED AND ALTERED PHYLLITE SOFT AND MUDDY TO HARD AND BROKEN - 10% BLS PYRITE 3% SPHALERITE 12% GALENA. FOLIATION 34°
	1519 7	1610 8			17 \rightarrow 52 GEX	GRADE H PALE GRASSY YELLOW FINE GRAINED PYRITE (65%) IN GREY BARITIC MATRIX - FGR ALL SPHALERITE (10%) AND GALENA (3%)

Code	From	To	Recov.	No.	Unit	Description	
1	10	14	16	20	22 24 26 28 30	34 35	
							GOOD CORING - CARBONATED MAINLY ON JOINTS. - FRAGMENTAL (TECTONIC BRECCIA) 60.6-60.8
	1610	1611	1617			1210	g → S2 GRADE - W GREY MUSCOVITE QUARTZ CHLORITE PHYLLITE - WELL FOLIATED, 73° - MINOR WH. QTZ VEINING. - WELL JOINTED TO BROKEN CORE + MINOR MUD SILICIFIED IN PATCHES
	1611	1617	1630			1210	g, ZG (S ₂ ZG) GRADE M/L GREY / GREEN HARD / SOFT MUSCOVITE QUARTZ PHYLLITE - SILICIFIED WITH RED SPHALERITE ON S2 PARTINGS. - SOME SECTIONS ALTERED PHYLLITE. - WELL JOINTED BROKEN IN PLACES. 62.4-62.7 MASSIVE FINE GRAINED PYRITIC ORE MAINLY CARBONATED HEAVY ZNS + Pbs ESPECIALLY ON CONTACTS - PERVAASIVELY BANDS (49°) AROUND CORE OF QTZ / CARBONATE - NASE OF FOLD? GOOD CORING
	1630	1671				1210	GRADE W DARK GREY / BLACK WELL FOLIATED AND PARTLY SILICIFIED MUSCOVITE QUARTZ CHLORITE PHYLLITE - FOLIATIONS (S2) 65° BUT WITH SMALL F1(?) FOLDS BETWEEN S2 FOLIATIONS (SEE 66.5-66.7) AXIAL PLANES OF FOLD(S) AT OR NEAR PARALLEL S2 CLEAVAGE OF 70°. GOOD CORING MODERATE JOINTING - 66.2 TO 67.1 IS MAINLY BROKEN WITH MINOR MUD - TRACES PY, ZNS Pbs
	1671	1674				17	GRADE ✓

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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20	22 24 26 28	30 34 35	MASSIVE GREY/GRASSY YELLOW BARTHIC ORE WITH HEAVY FINE GRAINED SPHERULITE GALENA - HEAVILY CARBONATED
	1617 4	1617 8			120 q	g = G. (S2) GRADE M HEAVILY SILICIFIED MUSCOVITE QUARTZ CHLORITE PHYLLITE MINOR LIGHT GREEN ALTERED PHYLLITE - DISS ZNS + PBS MAINLY ON S2 FOLIATIONS. VERY JOINTED AND BROKEN CORE. NON CALCAREOUS
	1617 8	1618 1			1512 Q	GRADE - W ALTERED PALE GREEN PHYLLITE + WHITE QUARTZ VEINING - VERY BROKEN MINOR CORE LOSS - NON CALCAREOUS
	1618 1	1710 3			1210 q _s	GRADE - W LIGHT GREY SILICIFIED MUSCOVITE QUARTZ SERICITE PHYLLITE + 2% DISS FGR PYRITE - NON CALCAREOUS - FOLIATION 69° - FAIR CORING MODERATE/STRONG JOINTING - SEVERAL WHITE/ CREAM CARBONATE/QTZ STRINGERS CUTTING S2 FOLIATION ~ 60°
	1710 3	1715 4			1210 x	GRADE W GREY TO DARK GREY MUSCOVITE CHLORITE PHYLLITE - STRONGLY FOLIATED 70° - MINOR WHITE CARBONATE STRINGERS CUTTING FOLIATION - WELL JOINTED TO BROKEN CORE MINOR MUD - NO CTE 71.2 - 71.7 V BROKEN + MUD.
	1715 4	1716 3			15 BZGc	GRADE - H/V GRASSY YELLOW BANDED PYRITIC ORE - IMM GREYER BANDS + BARITE

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24 26 28 30	34 35		DISSEMINATED FINE GRAINED SPHALERITE (15%) GALENA (5%) BANDING (S2) 75° - GOOD LORING - CORE VERY UNRECORDED - 4% FINE UUGS
	1716 3	1811 7			1210 g (20g ZG)	80:20 GRADE L GREY TO DARK GREY WELL FOLIATED (82°) MUSCOVITE CHLORITE PHYLLITE (80%) WITH TRACED GRAPHITE ON FOLIATION BREAKS - SECTIONS FROM 1-20 CM ARE LIGHT GREY AND SILICIFIED WITH 10% PYRITE 3% SPHALERITE 1% GALENA - MINERALIZATION IS DISSEMINATED AND ALIGNED WITH FOLIATION - CORE VERY BROKEN - SOME MUD: GOUGE (3%) - LOST CORE FAULT ZONE.
	1811 7	1813 1			3 ZG	GRADE H/V GREY SILICEOUS ORE + 20% DISSEMINATED PYRITE, 10% SPHALERITE 4% GALENA; TENDENCY FOR ZNS PARTICULARLY TO FOLLOW (S2) FOLIATION FAIR LORING BUT MODERATE JOINTING
	1813 1	1815 0			15 BZGQC	GRADE - H PALE BRASSY YELLOW MASSIVE PYRITIC SULPHIDES (70%) WITH MATRIX WHITE/GREY QUARTZ (10%), BARITE IN PATCHES (5%) LIGHT RED/BROWN SPHALERITE + GALENA - CALCITE ON FRACTURES. FAIR LORING PARTLY BROKEN - MINOR LEACHING, POROS (3%) LOWER CONTACT. 69°
	1815 0	1818 4			1512 g	GRADE - W PALE GREY/GREEN SILICIFIED ALTERED MUSCOVITE QUARTZ CHLORITE PHYLLITE MATRIX WELL JOINTED & BROKEN WITH

CURRAGH RESOURCES INC.
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30	34 35
						FOLIATED AT 80° - MINOR WEAK VEIN QUARTZ
	1818	1814			13	GRADE H.
						GREY QUARTZ (2) WITH BARS PYRITE (20%) SPHALERITE (10%) GALENA (6%) - SULPHIDES DISSEMINATED MAINLY // S2 FOLIATION (65°) PARTLY PHYLITIC + MUSCOVITE COCROITE - FAIR CORING + MODERATE TO STRONG JOINTING
	1818	1819			14	ZG GRADE H/V
						AS ABOVE + 35% DISC PYRITE LEACHED AND VUGGY MAINLY ALONG FRACTURES FAIR CORING PARTLY BROKEN LOWER CONTACT S2°
	1819	1819			17	2 FAULT GRADE W
						PALE GREEN FAULT GOUGE
	1819	1912			12	PZG GRADE W/L
						PALE TO DARK GREY MUSCOVITE QUARTZ CHLORITE ANHYLITE SILICIFIED (PALE GREY) (70%) IN PATCHES; MINOR WHITE QUARTZ VEINING SILICIFIED PATCHES (25%) ZNS (3%) PYRITE (5%) GALENA (1%) FOLIATION 68° - FAIR/GOOD CORING BUT WELL JOINTED
	1912	1919			15	PZG GRADE L/W
						PALE GREEN ALTERED PHYLITE WEAKLY TO STRONGLY SILICIFIED + FINE GRAINED PYRITE (4%) SPHALERITE (2%) GALENA (1%) - TALCOSE - MAINLY MODERATE OR GOOD CORING WITH MINOR BROKEN SECTIONS

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION							
1	10	14	16	20	22	26	28	30	32	34	36	40	42	
	1315	1317	64559	12	11									8
	1317	1318	15610	11	11									20
	1318	1319	15611	11	11									20
	1319	1320												
	1417	1419	15612	12	12									20
	1419	1571	15613	11	11									5
	1571	1572	15614	11	11									20
	1572	1574	15615	11	11									5
	1574	1575	15616	11	11									20
	1575	1576	15617	11	11									20
	1576	1578	15618	11	11									5
	1578	1579	15619	11	11									20
	1579	1610	15770	10	10									7
	1610	1611	15771	10	10									20
	1611	1613	15772	11	11									20
	1613	1615	15773	12	12									20
	1615	1617	15774	12	12									20
	1617	1617	15775	10	10									7
	1617	1617												
	1715	1716	15776	10	10									5
	1716	1718	15777	11	11									20
	1718	1811	15778	13	10									20
	1811	1813	15779	11	11									3
	1813	1815	15810	11	11									5
	1815	1816	15811	11	11									52
	1816	1818	15812	12	11									52
	1818	1819	15813	11	11									4
	1819	1911	15814	11	11									20
	1911	1912	15815	11	11									20
	1912	1913	15816	11	11									52
	1913	1915	15817	11	11									52
	1915	1916	15818	11	11									52
	1916	1917	15819	11	11									52
	1917	1919	64590	11	11									52
														E 04.

Code	From		To		Feature	S ₀		S ₁		S ₂		Description		
	10	14	16	20		22	24	26	28	32	34		38	40
				1310	P1S12							612		IN PHYLITES
				1320	P1S12							612		"
				1335	P1S12							512		"
				1347	P1S12							713		"
				1319	P1S12							511		"
				1414	P1S12							711		"
				1418	P1S12							617		"
				1512	P1S12							614		"
				1513										FOLDS IN BARITIC ORE ± 3°
				1514										FOLD NONE
				1515	P1S12							814		
				1519	P1S12							314		
				1612	P1S12							511		BANDING IN BARITIC ORE
				1615	P1S12							615		
				166	P1S12							618		665-667 S1 FOLDING
														AXIAL FOLDS // S2 FOLIATION
				1619	P1S12							619		
				1710	P1S12							710		CONTACT ALSO
				1714	P1S12							710		
				1715	P1S12							715		IN BARITIC ORE
				1812	P1S12							813		IN SILICEOUS ORE
				1815	P1S12							619		ALSO CONTACT.
				1912	P1S12							618		
				1916	P1S12							619		
				1101	P1S12							511		
				1104	P1S12							618		

DDH 9.1-G.2.9
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CURRAGH RESOURCES INC.

Fault Log

Date: AP 20/91 Logged By: J. TENNEY

Code	FROM		TO (At)		Feature	REG	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description	
	1	10	14	16			20	22	24	26	28	32		34
		10		12.9										O/S.
		12.9		13.1	J13B									
		13.1		13.3	J12									
		13.3		13.3	G11B							5.2		2 CM FAULT GOUGE
		13.3		13.5	J12									
		13.5		13.7	J11									GOOD CORING.
		13.7		13.9	J12									
		13.9		14.0	J13B									
		14.0		14.6	J12									GOOD CORING.
		14.6		14.8	J12.1R									
		14.8		14.8	G12							4.18		FAULT GOUGE
		14.8		15.2	J12									
		15.2		15.2	J13B									MINOR GOUGE AT END
		15.2		15.4	J11									V. GOOD CORING.
		15.4		15.6	J12									
		15.6		15.6	B13K									MINOR GOUGE in BROKEN CORE
		15.6		15.8	J12									
		15.8		15.9	J13.5									
		15.9		15.9	G12							3.11		MUD FAULT GOUGE
		15.9		16.0	J11									GOOD CORING.
		16.0		16.3	J12.1B									MINOR BROKEN CORE
		16.3		16.6	J12									
		16.6		16.8	B13R									MINOR GOUGE
		16.8		17.1	J12									
		17.1		17.1	B13									
		17.1		17.1	G12.1R									PHYLLITE GOUGE + RUBBLE.
		17.1		17.3	B13									
		17.3		17.5	J12									GOOD CORING.
		17.5		17.5	B12									
		17.5		17.6	J12									
		17.6		18.2	B13R									VERY BROKEN + RUBBLE
		18.2		18.5	J14R									JOINTED - SOME BROKEN
		18.5		18.9	J13B									
		18.9		18.9	G12.1R									MUD + RUBBLE
		18.9		19.0	B13									
		19.0		19.0	J12									WELL JOINTED FAIR / GOOD CORING

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-30 (mm)

Reference Fabric Orientation Diagram:

Project: _____

Location: GIVEN PIT

Claim: _____

Terr. Plane Co-ords.: 6122.1 N

2812.0 E

Grid Co-ords: _____

Elevation: 1286.1

All symmetry determinations looking

Total Depth: 66.1 m

_____ with _____ dipping

Inclination: -90

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: <u>No</u>
_____	_____	_____	

Hole Cemented: No Steel down Hole: No

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91-G-30
2 8

Diamond Drill Core Log

Date: APRIL 91 Logged By: R. WRIGHT

Code	Drillhole		Elevation				Northing			Easting			Units (feet/metres)	R.F.E	
I	2		8	10		16	17		24	25		32	34	39	41 42
T															

Code	Drillhole		Depth		Zenith Angle	True Azimuth	Comments							
I	2		8	10		14	22	26	28		32	34	56	
R					00	-90.0	0							AT COLLAR VERTICAL
R					66.1	-89.3								END OF HOLE
R														
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R														

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	2	8 10

DDH 916-30

(MM)

CURRAGH RESOURCES INC.
Lithologic LogPage 3 8Date: April '91 Logged By: J. Zbeclnd

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	0.0	36.0			B4	CASING					
	36.0	55.8			B6	1/0 Boulders, clay, sand - very poor recovery. Estimated upper contact, very poor recovery from 52.1 - 56.4; upper 10cm recovered consists of rubble and highly ground core					
	55.8	59.4			A0	$\pm L X \rightarrow 20c$ light gray, very weakly calcareous, moderately porous, salt very strongly broken to crushed phyllite is weakly to moderately limonitic above 57.0. Recovery is poor to good. Lower contact is crushed but appears fairly sharp and // S_2					
	59.4	59.8			B2	P $\pm g$ yellowish tan, non-calcareous, PS_2 foliated unit is moderately sericitic, very rarely silicified in bands <1cm wide and hosts 0-5% clotted and stringy pyrite. Pyrite is independent of silicification. Unit may have traces of PbZn within pyrite. Rock is salt very strongly broken. Recovery is good. Upper and lower contacts are sharp and parallel S_2 .					

DDH 916-30 (111)
 2 8

CURRAGH RESOURCES INC.
 Lithologic Log

Page 4 8
 Date: April '91 Logged By: J. Zbeck

Code	From	To	Recov.	No.	Unit	Description					
	10	14	16	20	22	24	26	28	30	34	35
	59.8	61.8			49	→ 20c	<p>Light gray, very weakly calcareous PS foliated unit is strongly broken and moderately silty. Recovery is good. Upper and lower contacts are sharp and // S.</p>				
	61.8	62.5			52	P±g	<p>Light yellowish gray, noncalcareous, PS, locally PS₂ → CS₂ foliated, moderately sericite unit hosts 3-5% pyrite and very rare silicification. Unit may host weak PbZn mineralization with pyrite. Upper and lower contacts are sharp and // S.</p>				
	62.5	66.1			40	→ 20c	<p>Medium to light gray, very weakly calcareous unit is PS foliated strongly broken phyllite is moderately silty, slightly porous and has good recovery. Upper contact is sharp and // S.</p>				
	66.1					EOH					

ASSAY LOG (SAMPLER'S COPY) Date Apr '91

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10	14 16 20	22 26 28 30	32 34 36	40 42		
	10.	59.					wash
	59.	59.	64 3 6 4			152	
	59.	61.					wash
	61.	62.	64 3 6 5			52	
	62.	66.					wash
							EOH @ 66.1

Code	From				To				Feature Sym	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24	26	28		Dip	Direct.	Dip	Direct.	Dip	Direct		
1					56.0				ASD					81			
					62				ASD					68			
																	ENH 66.1

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-31 (FF)

Reference Fabric Orientation Diagram:

Project: _____

Location: GIZUM PIT

Claim: _____

Terr. Plane Co-ords.: 6182.4 N

2642.2 E

Grid Co-ords: _____

Elevation: 1277.1

All symmetry determinations looking

Total Depth: 99.1

_____ with _____ dipping

Inclination: -90

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: No Steel down Hole: No

Size	CORE From	To	Collar Cased and Capped:
_____	_____	_____	<u>No</u>

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

DDH 91-G-31
2 8

Diamond Drill Core Log Date: APRIL 91 Logged By: R. WRIGHT

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
I	2	8 10	16 17	24 25	32 34 39	41 42
T						

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2	8 10 14 22	26 28 32 34	56	
R		00	-90.0		AT COLLAR VERTICAL
R		99.7	-89.5	96.1	END OF HOLE
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	2	8 10 56

Code	From		To		Recov.		No.		Unit	Description
	10	14 16	20	22 24	26 28	30	34 35			
	0.	0	24.	7					84	CASING
	24.	7	44.	1					86	
	44.	1	44.	3					86	(2) 95:05 Over border supporting 1-1.5m blades of UNoxidized, moderately mineralized unit 2 with sand. Poor recovery of sand
	44.	3	45.	0					7	* @ ± L to ± → 72 H Dark brownish yellow, sporadically calcareous, generally non-calcareous unit is very strongly broken, commonly very sandy to friable in sand. Rock fragments are commonly porous and permeable. Barite is noted in places, lacking well developed porosity. Limonite is sporadic. Rock fragments are slightly hard, locally moderately friable in sand and had fair to good recovery. General lower contacts are marked by argillaceous sand and mud with sporadic rock fragments. Unit appears strongly mineralized and estimated grade is 10-12%.
	45.	0	46.	4					7	c → 72 → 74 Medium gray to brown-purple and dark grayish yellow, weakly calcareous brittle massive sulphides are v. strongly broken above 45.8 and very strongly crushed below. Crushed intervals are dark grayish-yellow. Tarnished effect at crushed interval obscures barite activities and crushed portion may be unit 5. Rocks are moderately

Code	From		To		Recov.	No.	Unit	Description			
	1	10	14	16					20	22	24
								and generally not friable into sand. Crushed portion has a moderate sand component. Upper and lower contacts are crushed and sandy.			
		46.4		48.5			51	±c (60 wkp ± c ± 26) 95:05			
								Bronzy yellow, very slightly calcareous pyritic massive sulphides contains well defined banding of intense massive sphalerite wisps and bands commonly 1-2mm wide, rarely up to 2.0cm and discontinuous. Calcite is most abundant in moderately well healed fractures but does occur within matrix. Pyrite is moderately hard and hosts minor tanishy or scattered fractures - oxidized is minimal throughout. Unit hosts a 10cm string broken quartz -ankerite - dolomite = calcite veins at the lower contact. Unit hosts 3% py and minor remnant Al ₂ SiO ₅			
								Massive sulphides are moderately broken and recovery is good throughout.			
		48.5		50.0			72	±s ±c			
								Light grey and buff yellow gouge is generally weak to moderately calcareous throughout. Bimodal protolith of unit 20 and unit 52 with calcite being secondary (?). Locally + hosts fragments of rock 2-3cm wide that host			

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
												moderate calcite and dolomite in fractures. Recovery is good Gauge is textured. Upper and lower contacts after no oxidation for measurement.
	50.0	51.5			52	→ 20	→ 72					Color varies from medium to light gray - slight yellow to buff yellow. Unit is non-calcareous and hosts varying degrees of secondary alteration. Rock is calc. very strong, broken locally crushed and angular gage. Upper contact after no oxidation with above gage. Lower contact is sharp and appears // S ₂ . Recovery is generally good.
	51.5	52.8			30	±c	→ 72 (20±c → 72)				80:20	Dark gray to black locally medium gray, weakly calcareous throughout. Unit is generally gage and crushed rock. Intruded is a mixed unit of graphitic phyllite dominant over typical phyllite. Calcite is suspect to be secondary and is most abundant within gage. Upper contact is sharp and appears // S ₂ . Lower contact is gradational over 10cm and noted as a loss in graphite. Recovery is good.

DDH 416-31

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CURRAGH RESOURCES INC.

Lithologic Log

Page

6, 27Date: April

Logged

By: J. Sedell

Code	From		To		Recov.			No.			Unit	Description
	10	14	16	20	22	24	26	28	30	34	35	
	52	8	56	5							72	±c ±g Medium to light gray, rarely dark gray, is weakly calcareous throughout and host narrow sporadic occurrences of graphite which do not exceed 2cm widths. Gouge is generally textureless. Recovery is fairly good. Upper contact is gradational over 10cm with a loss in graphite matter down hole. Lower contact is sharp; $\frac{1}{2}$ S ₂
	56	5	58	7							40	±P → 74 → 20c Medium gray, ^{very slightly} calcareous phyllite hosts a strong shear fabric which has rotated a S ₂ fabric into a fairly consistent core angle of 30°. Rock is moderately to strongly broken with minor gouge. Rock is moderately soft and hosts 0-2% pyrite. Recovery is good. Calcite occurs within matrix of rock.
	58	7	62	0							72	(20c → 40) 80:20 Medium gray, very slightly calcareous gouge hosts a band of competent rock at 59.6 - 59.9. Competent interval is PS ₂ foliated and host two 2mm bands of slightly calcareous light gray rock. Possibly unit 40. Below

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
											Competent unit, interval supports salt rock that has a high gouge content with matrix and as discrete 0.2-30cm bands at low angles to core axis. S_2 in this mixed subinterval is related \parallel gouge bands. Gouge is very soft, rock is moderately salt. Recovery is good to fair.
	62.0		66.5						29		(72: 20" lsc) 93:05:02
											Medium gray, non-calcareous phyllite is $CS_2 \Rightarrow PS_2$ foliated and hosts 3-5% cm rarely dm scale gouge bands $\parallel S_2$. Interval contains a 15cm band of altered phyllite at 65.4. Altered band is light gray to green-slightly yellow, moderately to slightly calcareous and is weakly chloritized and sericitically altered. Altered band hosts gouge at contacts. Rocks are moderately soft, strongly broken and have good recovery. Upper contact is sharp, gouge band and $\parallel S_2$. Lower contact is gradual over 20cm and noted as a progressive increase in gouge content down hole.

Core	From		To		Recov.	No.	Unit	Description			
	1	10	14	16					20	22	24
		66.5		67.9			30	±c → 72g ±c Dark gray to black is generally non-calcareous - very rarely moderately calcareous unit is moderately to highly graphitic and is gouge. Locally graphitic phyllite fragments exist. Recovery is poor. Upper contact is gradational over 20cm. Lower contact is sharp, irregular and marked by conspicuous graphitic phyllite with breccia fragments against massive sulphides. Contact generally trends // S ₂ and banding in sulphides.			
		67.9		69.4			5	ZG (30gc:44 th j) 99:01:trace V Purple brown and brassy yellow, non-calcareous pyritic massive sulphides hosts very strong to intense Pb+Zn mineralization typically disseminated throughout, and sporadically as well defined 2-3mm bands over the upper 30cm of unit. Interval hosts 1-2% chaotic irregular barren fragments of weakly silicified weakly calcareous graphitic phyllite. Interval also supports a 1cm band of strongly altered metabasite // S ₂ 1cm from upper contact. Unit hosts 0-3% open vugs and open fractures up to 3mm wide. Very weak to no oxidation occurs within the open structures. Rock is moderately hard, slightly broken and has good recovery. Upper contact is very sharp and // S ₂ . Lower contact is very irregular. Estimated grade is 20%			

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	69.4		70.4							5	# ± @ ± c (30g) trace
											Slightly tarnished dark brownish yellow, non-calcareous to very rarely slightly calcareous unit is sporadically pitted and contains clotts bands and wisps of highly friable massive sulphides. Unit is sporadically strongly mineralized with Pb+Zn, and hosts trace 2-3mm fragments of graphite pyllite that is slightly silicified. Unit may be slightly refractory(?) Rock is generally slightly to moderately hard and only locally friable. Rock is moderately broken and has good recovery. Upper contact is very irregular. Lower contact is sharp and // banding.
											Estimated grade is 10%
	70.4		70.8							5	± → 74 M → 74
											Dark brassy yellow, non-calcareous massive pyritic sulphides host patchy and irregular Pb+Zn mineralization - no consistent trend obvious. Locally unit displays a poorly developed fragment supported well healed breccia with locally derived fragments and matrix. Rock is moderately hard, slightly broken and has good recovery. Upper and lower contacts are sharp and // banding of upper and lower units.
											Estimated grade is 10%

Code	From		To		Recov.			No.			Unit	Description
	10	14	16	20	22	24	26	28	30	34		
	70	8	71	5							7	<p>Light grayish yellow non-calcareous highly basaltic moderately mineralized dolomite is well bedded and hosts 20-25% pyrite. Unit is slightly hard, strongly to very strongly broken. Fracture surfaces are commonly slightly to moderately tarnished. Upper contact is sharp and // banding. Lower contact is strongly broken and appears irregular.</p> <p>Estimated grade is 12%</p>
	71	5	71	9							5	<p>± @ ± → 74</p> <p>Brassy yellow, locally deep purple, non-calcareous pyritic massive sulphides hosts very irregular clotted very strongly mineralization. Unit hosts very minor vuggy area. Fractures of highly variable orientations. Unit displays a poorly developed well healed breccia texture that is fragment supported and consisting of locally deformed matrix and fragments. Rock is generally moderately hard, slightly broken locally strongly broken and has good recovery. Upper contact is strongly broken and appears irregular. Lower contact is sharp and parallel banding in lower unit.</p> <p>Estimated grade is 12-15%.</p>

Code	From		To		Recov.			No.		Unit	Description
	10	14	16	20	22	24	26	28	30		
	71.9		72.8							7	(44 [#] ± j) ± acc
											light grayish brown, non-calcareous, highly basic, moderately mineralized interval is well bedded and hosts 20-25% pyrite and rare scattered irregular fragments of strongly altered metabasite. Unit is slightly hard, strongly to very strongly broken and has good recovery. Fractured surfaces are very slightly to moderately tarnished black. Upper contact is very sharp and banding. Lower contact is strongly broken and appears irregular.
											Estimated grade is 12%
	72.8		74.1							5	± acc (44 [#] ± j) 98:02
											Brassy yellow locally tarnished very dark gray → black and vuggy. Vuggy and tarnished intervals are represented by calcareous very porous and permeable clots and poorly healed fractures. Vugs and fractures are highly friable into sand. Interval is moderately to strongly mineralized in very irregular clots and bands. Interval hosts 2-3% very irregular strongly altered metabasite fragments, commonly 3-5 cm in diameter, and most abundant near lower contact. Rock is generally moderately hard, locally soft and friable. Recovery is good. Upper contact

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CURRAGH RESOURCES INC.
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Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	74.0	75.5			7	±gZGc@ (7±@±c) 98:02	<p>Light grayish brown, non-calcareous, well banded, highly basic unit moderately mineralized and is sporadically and rarely pitted, vuggy and supports open fractures. All of these rare features are dark gray to black and rarely calcareous, but typically porous and permeable. Unit hosts a single occurrence of vuggy calcareous quartz clots with remobilized PtZn at 75.0. Rock is generally moderately to slightly hard, slightly basic and has good recovery. Upper contact is sharp and // bedding. Lower contact is marked by a band of highly friable pyritic massive sulphides. The lower contact is very irregular.</p> <p>Estimated grade is 12-15%</p>					
	75.5	76.3			5	FF@@#±c	<p>Very dark gray to black, with hints of yellow, sporadically calcareous unit is extremely friable into pyritic sand, and is extremely porous and permeable. Pores are very fine << 1.0mm. Rock contains a high marcasite content. This rock shows a high chance of refractory behaviour. Rock is soft, and can be easily washed away with water. Recovery is poor. Contacts are irregular and gradational at 1-2cm.</p> <p>Unknown Grade</p>					

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Lithologic Log

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	76.3	77.2			5	c → 74 (44#j → 72) 99:01 M					
						Brassy yellow, locally weakly calcareous and vuggy, pyritic massive sulphides are representative of a very well healed breccia consisting of local fragments & matrix. Breccia is matrix supported with highly angular and highly etched fragments. Matrix is darker in color than fragments and is sporadically calcareous and porous/permeable. Crude orientation of breccia is at a low angle to core axis. Mineralization is rare and sporadic. Unit hosts 1-2% strongly altered metabasite over the upper 20cm. Rock is generally moderately hard, slightly broken and contains good recovery. Upper and lower contacts are irregular. Estimated is < 7%.					
	77.2	78.4			5	c ± e H					
						Brassy yellow, weakly calcareous pyritic massive sulphides are moderately to strongly mineralized with PbZn occurring as irregular clots and veins of no particular orientation. Unit is moderate porous with pores < 1mm in dia and only slightly permeable. Rock is moderately hard, slightly broken with slightly to moderately tarnished fractures. Recovery is good. Upper and lower contacts are irregular. Estimated grade is 12-15%.					

Code	From		To		Recov.		No.		Unit	Description		
	1	10	14	16	20	22	24	26			28	30
	78	4	79	6					5	# @ c F		
										Moderately to strongly tarnished, moderately to locally weakly calcareous pyritic massive sulphides is moderately to locally extremely porous, permeable and friable in situ. A strong correlation between permeable - friable intervals and calcite content exists. Rock has a high to moderate marcasite content. Mineralization appears to be strong but is locally difficult to determine due to extreme tarnishing and friable nature of rock. Rock is slightly hard locally, moderately friable in situ. Upper and lower contacts are irregular.		
										Estimated is (?) 12%		
										Good potential to other refractory problems		
	79	6	81	0					5	Z6 (5# @ c F) 85:15 H		
										Brassy yellow, locally slightly tarnished, commonly weakly to moderately calcareous pyritic massive sulphides hosts 10-15% highly porous and permeable clots and wisps which appear to define a crude irregular banding oriented at low angles to C.A. Unit is strongly to moderately mineralized in irregular clots and wisps of variable orientation. Calcite is most abundant within porous & permeable locals where sulphides are highly tarnished and slightly friable in situ. Pyritic sand. Rock is generally moderately hard, slightly harder and has sand recovery. Upper and lower contacts		

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
											are irregular. Estimated grade is 15-17%
	81.0		82.0						5		22G ± c ± ec (7H) 98:02 V Brassy yellow and purple brown weakly calcareous pyritic massive sulphides hosts strong PbZn mineralization occurring in 0.5 - 5.0 cm bands trending at very high angles wrt C.A. Unit hosts 20% pin head size porous that are moderately to slightly permeable and lack strong tabular texture. Rock is moderately hard and slightly broken. Upper contact is irregular. Lower contact is gradational over 0.5m and is // banding. Interval hosts a 5cm band of moderately mineralized baritic massive sulphides @ 81.2m. Estimated at interval is 17-20%
	82.0		82.4						5		# F @ ± c (44# # 107H) 85:15 ± trace Tanishd brown yellow, weakly calcareous pyritic massive sulphides are commonly highly to moderately permeable porous (v. fine pores) friable into sand and contains a high marcasite content. Interval supports crushed wires and clots of small altered matrix. Interval also hosts

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
												1cm band of slightly tarnish baritic massive sulphides. Rock is slightly hard and slightly friable into sand. Upper contact is gradual over 1cm and generally parallel banding of lower upper units. Lower contact is slightly irregular but parallel S. of lower unit. Grade is difficult to estimate (?) 5-10%.
	82.4	84.6			30	P ± @ P ± c ± → 72.						Dark gray to black, generally non-calcareous, rarely slightly calcareous graphitic phyllite. Hosts 2-3% disseminated py and lacks any trace of silicification. Unit hosts 2% cm-scale quartz-dolomite clots and veinlets. Rock is slightly soft, very strongly broken locally, approaching gouge. Recovery is good to poor. Upper and lower contacts are slightly irregular but generally trend // S. Lower contact is also marked by gouge with very poor recovery.
	84.6	85.4			15	±c (5# @ ±c) 80:20						Brassy yellow locally tarnished dark grayish yellow, generally very weakly calcareous to non-calcareous pyritic massive sulphides are massive to very crudely banded. Upper 15cm and sporadic wisps and clots are porous, friable, non-massive and tarnished. These abundant locations are

Code	From		To		Recov.			No.			Unit	Description
	10	14	16	20	22	24	26	28	30	34		
												Commonly slightly calcareous. Rock is generally moderately to slightly hard and does not appear to be mineralized with NH_4^+ . Rock is moderately broken and has good recovery. Upper contact is sharp and marked by gauge of CaCO_3 units. Lower contact is gradual over $\frac{1}{2}$ cm and noted as a loss in friable nature in rock in a band // banding.
	85	4	86	0						17	@ #	(52 ⁺⁺ PF)
												Medium gray non-calcareous, highly basaltic unit is very porous and extremely permeable. Pores are extremely small and rock has a waxy appearance. Unit is competent and moderately to slightly hard. Unit contains 15% pyrite and 10-12% sphalerite. Unit is locally laminated dark gray and is most permeable there. Unit hosts a 3cm band of yellowish-white sericite unit that is very highly altered. Altered unit hosts 15% clay pyrite elongated into a fabric that is slightly oblique to core axis. Upper and lower contacts are gradual and noted as highly laminated and permeable bands of adjacent units. Estimated grade is 7-10%

Code	From		To		Recov.		No.		Unit	Description
	10	14 16	20 22 24	26 28 30	34 35					
	86.0	86.3							51	c ± → 74 (5 th oc) 99:01 Brassy yellow, slightly tarnished, slightly to moderately calcareous massive pyritic sulphides contain sporadic occurrences of a well healed breccia with local fragments and matrix. Rare occurrences of porous, permeable, strongly tarnished moderately friable bands are rare and limited to upper 3cm. Rock is moderately broken, moderately hard and has good recovery. Upper contact is sharp and // banding in upper unit. Lower contact is sharp, crushed and oriented @ 40° to c. Estimated grade is difficult to estimate: 5-10% (8)
	86.3	87.0							52	#7 PFTc ± e ± → 72 Medium grayish yellow, very slightly calcareous, unit hosts 7% wisps of strongly tarnished pyrite/marcasite within a matrix which contains alteration which postdates sericitic alteration. Alteration is suspected to be ground water percolation! Rock is soft, locally crushed to gouge. Recovery is fair. Upper contact is sharp and trends @ 40° to c. Lower contact is crushed but appears sharp.
	87.0	89.0							5	B ± e ± c → 7 (5B ± e ± c → 74) 95:05 H Brassy yellow to grayish yellow; very slightly calcareous with calcite most abundant within poorly healed tarnished fractures. Unit contains 60-70% pyrite and 9-11% barite. Unit is

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
											<p>wisps UHF hosts 10-15% poorly healed - fractured surfaces which can be washed out with scrubbing. Saw results from scrubbing. Similar nature exists in matrix of a well healed breccia band at 87.6 - 87.9. Breccia consists of locally leached matrix and fragments - fragment supported, weakly rotated. Rock is generally slightly to moderately hard, slightly broken and has good recovery. Upper contact is crushed and appears sharp. Lower contact is sharp and // banding. Unit is moderately mineralized with fine grained 10-20 rarely 2-3mm clots of sph - Estimated grade is 12-15%</p>
	89.1		90.1						71		<p>(7# @ C) 98=02</p> <p>Light grayish yellow, non-red calcareous, strongly baritic UHF hosts 40-45% pyrite and moderate to strong Pb+Zn mineralization disseminated throughout. UHF is moderately well banded with variations in pyrite content. Rock is slightly to moderately hard, slightly broken and has good recovery. Upper contact is sharp and // banded, lower contact is sharp concerning mineralogy but gradational concerning alteration. Lowest 15cm of unit becomes progressive more pitted, porous, permeable and friable into sand down hole. This alteration is associated with strongly tarnished sulphides and very strong calcareous nature. Estimated grade is 15-17%.</p>

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CURRAGH RESOURCES INC.

Lithologic Log

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20 of 27Date: Apr '91

Logged

By:

J. Z. Scott

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
	91.0	7	91.1	7					5	±@±c ±→74 (74) 92:08
										Brassy yellow, locally, tarnished and slightly calcareous pyritic massive sulphides hosts 15-30% pitted, porous, permeable and tarnished poorly healed structures and clefts. These features crudely define the matrix of what was a well healed breccia. Interval hosts a 10cm band a basaltic massive sulphides at the lower contact. Rock is locally moderately hard and locally slightly friable in sand. Recovery is good. Upper and lower contacts are sharp and // banding.
	91.1	4	92.1	1					5	→74 (44#jl) 95:05
										Brassy yellow, very slightly tarnished throughout, very weakly permeable. Non-calcareous pyritic massive sulphides often contain a well healed breccia consisting of locally, rounded fragments and nodules. 2 interval segments two 2-cm strongly altered metabasite bands. Metabasite exists at 91.6 and 91.9. Upper contact is sharp and // banding in upper basaltic band. Lower contact is sharp and trends @ 25 wt C.A.
										Estimated grade is 5-7% (?)

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28 30	34 35	
	92.1	93.1			71	(5:5e) 95:04:01 light grayish yellow, non-calcareous, strongly brittle unit hosts 15-20% pyrite and moderate Pb+Zn mineralization. Unit is fairly well bedded with variations in pyrite content. Interval hosts a 30cm band of pyritic massive sulphides at the lower contact. Pyritic unit is locally pitted, fractured and permeable, and is non-calcareous throughout. Rocks are moderately to slightly bedded, moderately to slightly broken and has good recovery. Upper contact is sharp and trends 05° with N. lower contact is marked by gouge and trends 290°/30° with S ₂ .
	93.1	93.4			30	±P± → 72 (47c) 60:40 Dark grey to black, non-calcareous, graphite phyllite hosts 0-1% pyrite and is gouged at upper contact. Interval hosts 40% 0.5-3.0cm bands of unit 47 that is weakly to moderately calcareous. Interval is slightly silt, very strongly broken and hosts good recovery. All contacts are sharp and // S ₂ .

CODE	FROM				TO				SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30					
	0.	0	44.	3									WASTE → 9/8
	44.	3	45.	0	64591				0.	5	7		# @ ± c ± 72
	45.	0	46.	4	592				1.	0	7		c → 72 → 74
	46.	4	47.	0	593				1.	0	5		c
	47.	0	48.	5	594				0.	5	5		c (60 w/c P ± 26) 90:10
	48.	5	67.	9									WASTE
	67.	9	69.	4	595				1.	0	5		26 (30 g c: 44 # j) 99:01: trace
	69.	4	70.	4	596				1.	0	5		# ± @ ± c (30 g) ± trace
	70.	4	70.	8	597				0.	4	5		→ 74
	70.	8	71.	5	598				0.	6	7		
	71.	5	71.	7	599				0.	7	5		± @ ± → 74
	71.	7	72.	8	600				0.	7	7		(44 # j) ± trace
	72.	8	74.	7	601				1.	0	5		± @ c (44 # j) 98:02
	74.	7	75.	5	602				1.	0	7		± g 26 c @ (7 ± @ ± c) 98:02
	75.	5	76.	3	603				0.	6	5		FF @ ± c
	76.	3	77.	2	604				0.	9	5		± c → 74 (44 # j → 72) 99:01
	77.	2	78.	4	605				1.	0	5		c ± e
	78.	4	79.	6	606				1.	0	5		# @ c F
	79.	6	81.	0	607				1.	0	5		26 (5 # e c F) 85:15
	81.	0	82.	0	608				1.	0	5		226 ± c ± @ c (74) 98:02
	82.	0	82.	4	609				0.	5	5		# F @ ± c (44 # j: 74) 85:15: trace
	82.	4	84.	6	610				1.	0	30		P ± Q P ± c ± → 72
	84.	6	85.	4	611				1.	0	5		± c (5 # @ ± c) 80:20
	85.	4	86.	0	612				0.	6	7		@ # (52 # P F
	86.	0	86.	3	613				0.	3	5		c ± → 74 (5 # @ c) 99:01
	87.	1	87.	1	614				0.	6	52		# P F ± c ± @ ± → 72
	87.	1	88.	1	615				1.	0	5		B ± @ ± c → 77
	88.	1	89.	7	616				1.	0	5		b ± @ ± c → 77
	89.	7	90.	4	617				1.	0	7		
	90.	4	90.	7	618				0.	3	7		(7 # @ c) 60:40
	90.	7	91.	4	619				0.	7	5		± @ ± c ± → 74 (74) 92:08
	91.	4	92.	1	620				0.	7	5		→ 74 (44 # j) 95:05
	92.	1	93.	1	64621				1.	0	7		(5:5e) 95:04:01
	93.	1	99.	1									WASTE
													EOM @ 99.1

SG/0a →

Code	From	To	Feature	Sym	S ₁		S ₂		Description					
					Dip	Direct.	Dip	Direct.						
	10	14	16	20	22	24	26	28	32	34	38	40	44	
		47.							27					Banding
		50.	PS2									45		
		57.	PS2									52		
		61.	PS2									67		
		65.	PS2									76		
		70.							42					Banding
		75.							38					Banding
		81.							75					Banding
		89.							50					Banding
		94.	PS2									62		
		96.	PS2									72		
														cont @ 99.1

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-32 (GG)

Reference Fabric Orientation Diagram:

Project: _____

Location: Groom Pit

Claim: _____

Terr. Plane Co-ords.: 6183.2 N

2704.3 E

Grid Co-ords: _____

Elevation: 1278.4

All symmetry determinations looking

Total Depth: 99.1

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: No Steel down Hole: No

Size	CORE From	To	Collar Cased and Capped: <u>No</u>
<u>CA₂ 1/2</u>	_____	_____	
<u>1 1/2</u>	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 9-G.3.2 (GG)
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 3 of 11Date: Apr 25/91 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	16	0		1814 ?-RICHMOND O/S
	16	0	318	4		1816 * OVERBURDEN - MAINLY GRANITIC BOULDERS IN SILTY SAND - RULY AT END
	318	4	1414	3		210 GRADE W PALE GREY GREEN MUSCOVITE CHLORITE PHYLLITE - MODERATELY HARD PARTLY SILICIFIED - WELL FOLIATED 63° BROKEN & MUDDY AT START - REST MODERATE/STRONG JOINTING FAIR/GOOD CORING
	1414	3	1416	6		1712 → 20g 75:25 FAULT. GRADE W. GREY MUD WITH PIECES SOFT GREEN MUSCOVITE CHLORITE PHYLLITE - CORE BROKEN OR VERY SOFT - UNDMATING GRANING SUB II CORE IN GOUGE. ? 10°
	1416	6	1419	2		13 ZPG GRADE H/V GREY QUARTZITE + 10% DISSEMINATED PYRITE, 10% SPHALERITE 4% GALENA, VERY POORLY FOLIATION - FAIR CORING MODERATE JOINTING
	1419	2	511	1		1712 (20g) 40:60 FAULT GRADE W PALE GREY / GREEN STRONGLY SILICIFIED MUSCOVITE CHLORITE PHYLLITE 4% DISSEMINATED PYRITE + SECTIONS MUD + BRECCIA FRAGMENTS. BROKEN CORE.
	511	1	513	1		13 ZPG GRADE H GREY MINERALISED QUARTZITE AS 46.6 - 49.2 - STRONG JOINTING PARTLY BEDDED FROM 52.3 TO END - MUD IN LOWER CONTACT H1°

Code	From	To	Recov.	No.	Unit	Description					
1	10	16	20	22	24	26	28	30	34	35	
	153	165								14	ZG ± X → 5 GRADE M SPARSE FRAGMENTS OF SILICIFIED RIBBON BANDED QUARTZITE IN MATRIX OF SILICEOUS SEMI MASSIVE PYRITE WITH DISSEMINATED SPHALERITE / GALENA MINERALIZATION, HEAVY IN PLACES. SMALL FRAGMENTS (cm) ANGULAR LARGER ONE (5-10cm) SUB ROUNDED - CORE II VUGGY (3%) CORING GOOD MODERATE JOINTING.
	165	165								14	ZGX GRADE M/L FRAGMENTS (.5-1.5cm) MASSIVE MINERALISED PYRITE AND RIBBON BANDED QUARTZITE IN SILICEOUS AND PYRITIC MATRIX - GOOD CORING
	165	165								1210	→ T2 GRADE W PALE GREEN MUSCOVITE CHLORITE PHYLLITE WITH FAULT GOUGE VERY SOFT
	165	166								1210	(52) 50:50 GRADE W BROKEN CORE WITH FRAGMENTS LIGHT BLUE ALTERED PHYLLITE AND GREY MUSCOVITE CHLORITE PHYLLITE.
	166	167								1712	→ T4 FAULT. GRADE W FRAGMENTS LIGHT GREEN - MUSCOVITE CHLORITE PHYLLITE + WHITE QUARTZ IN GREY GREEN FAULT GOUGE.
	167	170								14	ZGRX → 5 GRADE M/L SUB ROUNDED to SUB ANGULAR FRAGMENTS MASSIVE PYRITE OFTEN MINERALISED WITH SPHALERITE AND GALENA.

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24 26 28 30	34 35		
						MINOR PYRROPHITE - LAST 10 cm HAS FINER GRAINED FRAGMENTAL TEXTURE (1-5cm FRAGMENTS) - MATRIX IS SILICIFIED AND PYRITIC AND MINERALISED IN PATCHES - FOLIATION WEAR 62°
	1710.5	1711.7			72 (20)	FAULT. GRADE W VERY BROKEN MURRAY MUSCOVITE CHLORITE PHYLLITE AT LOW ANGLE IN CORE.
	1711.7	1711.7			160 X	GRADE W MASSIVE WHITE QUARTZ VEIN BRECCIATED TEXTURE AT END BOTTOM CONTACT AT LOW ANGLE (20°?) - MINOR INCLUSIONS MUSCOVITE CHLORITE PHYLLITE
	1711.7	1712.4			1210 g	GRADE W GREY AND GREEN MUSCOVITE CHLORITE PHYLLITE - WELL SILICIFIED IN BANDS - GOOD WORKING - BANDING (S2 FOLIATION) 13°-23° - MINOR (2%) DISSEMINATED PYRITE - NON CALCAREOUS
	1712.4	1712.8			72 (74)	FAULT. GRADE W GREY/GREEN MUSCOVITE CHLORITE PHYLLITE - VERY BROKEN + FAULT GOUGE - UPPER CONTACT GOUGE AT 14°
	1712.8	1714.2			1210 g ZPH	GRADE L GREY/GREEN MUSCOVITE CHLORITE PHYLLITE FOLIATION AT LOW ANGLE - STRONGLY SILICIFIED; DISSEMINATED PYRITE (4%)

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20	22 24 26 28 30	34 35	
						SPHALERITE (3%) ARSENOPYRITE (3%) - MINOR CLOTS WHITE QUARTZ MINOR GOUGE IN LOW ANGLE JOINTS (10° AT 73.7 m) SULPHURIC MINERALIZATION HEAVIER TOWARDS END OF SECTION. MINOR FRAGMENTAL TEXTURE
	7142	7145			610 R	GRADE W WHITE/GREY QUARTZ (40%) VENE WITH LOW ANGLE BANDING (~10°) + SULPHIDES (PYRROPHITE 3%) + CHLORITE. PYRITE (TR) CORING GOOD BUT LAST 10 CM BROKEN.
	7145	7153			1210 kZ	GRADE L GREY/GREEN MUSCOVITE CHLORITE PHYLLITE - STRONGLY SILICIFIED WITH FOLIATION (S2) AT LOW ANGLE - DISSEMINATED RED SPHALERITE (.2%) LIGHT BROWN ANKERITE WISPS // S2 (3%) - CORE IS SOFT AND PARTLY BROKEN EXCEPT LAST 30 CM. (GOOD CORING)
	7153	7169			4 ZG	GRADE H SEMI MASSIVE SILICEOUS SULPHIDES + PYRITE 55% SPHALERITE (10%) GALENA (3%) - FEW LATE STAGE 1mm PYRITE STRINGERS AT LOW ANGLE (IN S2 FOLIATION?) GOOD CORING
	7169	7186			5 ZG	GRADE H MASSIVE PYRITE - VERY POROUS (8%) - PYRITE IS IN MATRIX OF SPHALERITE/GALENA - CORE LEACHED - MODERATE CORING BROKEN IN

DDH 9 -G32
2 8CURRAGH RESOURCES INC.
Lithologic Log

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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20	22 24 26 28	30 34 35	
	7186	810			3	ZZG → 2 GRADE V BRASSY YELLOW, BLACK, RED, SEMIMASSIVE SILICEOUS PYRITIC ORE PYRITE (25%) SPHALERITE (25%) GALENA (10%) - VERY HIGH GRADE REMNANT BLACK BANDS/PATCHES CARBONACEOUS QUARTZITE THROUGHOUT. (ALSO COULD BE LOGGED AS 2PZZG) CORING FAIR BUT BROKEN IN PLACES.
	810	811			714	FAULT GRADE H/V PYRITIC SAND/BRECCIA BROKEN CORE - PYRITE HAS MATRIX OF SPHALERITE
	811	831			3	ZZG → 2 GRADE H AS 78-6-81-0 - MORE REMNANTS CARBONACEOUS QUARTZITE - GRADE SLIGHTLY LOWER - GOOD CORING - FOLIATION 70°
	831	855			3	ZG GRADE H/V GREY QUARTZITE (NO LONGER CARBONACEOUS) WITH 25% PYRITE 12% SPHALERITE, 6% GALENA. - SILICEOUS REMNANTS ARE MORE WEAKLY MINERALIZED. - WELL JOINED TO BROKEN CORE. - FOLIATION 66°
	855	858			5	Z (74) GRADE M/H PYRITIC SAND, FRAGILE PIECES MASSIVE PYRITIC SULPHIDES - LEACHED AND POROUS - SOME PYRITE IS BARREN, SOME WITH HEAVY SPHALERITE. - IRIDESCENT CORE IN PLACES. (BLUES/RED)

CURRAGH RESOURCES INC.
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	815	816								15	Z	GRADE H
												MASSIVE PALE BRASSY YELLOW PYRITE WITH REDDER/BROWN PATCHES AND BANDS CONTAINING HEAVY SPHALERITE - MINOR VUGS (2%) GOOD CORING
	816	919								2	P (74)	GRADE W.
												GREY QUARTZITE WITH CARBONACEOUS BANING ~ S2 FOLIATION (70°, 68°, 69°, 64°) DISSEMINATED PYRITE OFTEN HEAVY AND IN BANDS FOLIATION 1-5cm WIDE - CORE IS FRACTURED AND BROKEN THROUGHOUT AND THERE IS MINOR GOUGE - LOOKS LIKE FAULT ZONE. TRACER GALENA/SPHALERITE IN PLACE - MOST OF CORE IS BARREN - MINOR FRAGMENTAL TEXTURE 96.2-96.5 98.5-99.0 GOOD CORING. 99.0m E.O.H.

DDH 91-632
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CURRAGH RESOURCES INC.

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 Logged by D. TENNEY

ASSAY LOG (SAMPLER'S COPY) Date AP 29/91 Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)	UNIT		DESCRIPTION	
	10	14	16	20	22	26	28	30	32	34	36		40
	1416	6	1417	9	64726		11	3	11	2			3
	1417	9	1419	2	727		11	3	11	3			3
	1419	2	1511	1	728		10	9	10	5			712
	1511		1512	1	729		11	0	11	0			3
	1512		1513	1	730		11	0	11	0			3
	1513		1514	6	731		11	5	11	5			14
	1514	6	1516	1	732		11	5	11	5			14
	1516	1	1517	6	733		11	5	11	5			14
	1517	6	1519	1	734		11	5	11	5			14
	1519	1	1610	6	735		11	5	11	5			14
	1610	6	1612	7	736		11	5	11	5			14
	1612	7	1613	6	737		11	5	11	4			14
	1613	6	1615	5	738		11	9	11	8			14
	1615	5	1617	6	739		12	7	11	6			210
	1617	6	1619	7	740		11	5	11	4			14
	1619	7	1710	5	741		11	4	11	4			14
	1710	5	1712	8	742		12	3	12	3			210
	1712	8	1714	2	743		11	6	11	6			210
	1714	2	1715	3	744		11	1	11	1			210
	1715	3	1716	9	745		11	6	11	6			14
	1716	9	1718	6	746		11	7	11	7			15
	1718	6	1719	9	747		11	3	11	1			3
	1719	9	1811	1	748		11	2	10	9			3
	1811	1	1812	1	749		11	0	11	0			3
	1812	1	1813	1	750		11	0	11	0			3
	1813	1	1814	3	751		11	2	11	1			3
	1814	3	1815	5	752		11	2	11	2			3
	1815	5	1816	7	753		11	2	11	2			5
	1816	7	1818	2	754		11	5	11	4			2
	1818	2	1819	7	755		11	5	11	5			2
	1819	7	1911	2	756		11	5	11	4			2
	1911	2	1912	7	757		11	5	11	5			2
	1912	7	1914	2	758		11	5	11	5			2
	1914	2	1915	7	759		11	5	11	5			2
	1915	7	1917	2	760		11	5	11	5			2
	1917	2	1918	7	64761		11	8	11	1			2

Elev 10	From			To			Feature SYE	S ₀		S ₁		S ₂		Description
	10			20				Dip	Direct.	Dip	Direct.	Dip	Direct.	
	14	16	20	22	24	26		28	32	34	38	40	44	
			143			P/S12						613		TIGHT S2 FOLIATION
			147			P/S12						314		SULPHIDE BANDING.
			150			P/SR						710		PHYLITE
			155									212		CONTACT IN S
	156	8	157			P/S12						15		UNDAULATING ALONG ORE
			166			P/S12						612		PHYLITE
			168			P/S12						612		
			172			P/S12						113		
			172			P/S12						213		
			174			P/S12						110		? S2
			176									811		CONTACT IN SULPHIDES
			178			P/S12						710		BANDING IN S.
			182			P/S12						710		
			184			P/S12						616		
			189			P/S12						710		
			193			P/S12						618		
			197			P/S12						619		

L	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	
	13	8	14	1	B1319								BROKEN + MOST CORE + MUD
	14	1	14	4	J12								WELL JOINED - GOOD CORING
	14	4	14	5	B131								BROKEN CORE
	14	5	14	6	G11B				10		32		FAULT V-SOFT CORE - BROKEN + GOUGE
	14	6	14	7	J12								
	14	7	14	9	B11								
	14	9	15	0	R1219								FAULT - RUBBLE + GOUGE
	15	0	15	0	J12								
	15	0	15	1	B131R								BROKEN - RUBBLE - FAULT
	15	1	15	3	J12								
	15	3	15	8	J11								SOME PIECES CORE 0.5m LONG
	15	8	16	5	JR1								
	16	5	16	5	G11R	47							FAULT - GOUGE RUBBLE
	16	5	16	6	B11								
	16	6	16	7	X1319								FAULT BRECCIA + GOUGE -
	16	7	17	0	J12								GOOD CORING
	17	0	17	1	B11								
	17	1	17	2	J12								
	17	2	17	2	R1219								FAULT
	17	2	17	4	J124								SOFT CORE - MINOR GOUGE.
	17	4	17	5	B1215								
	17	5	17	7	J12								GOOD CORING.
	17	7	18	1	B111J								JOINED - BROKEN IN PATCHES.
	18	1	18	1	R131								FAULT - PYRITE SAND/RUBBLE
	18	1	18	3	J12								
	18	3	18	5	J1318								
	18	5	18	5	G11R								PYRITE SAND + RUBBLE.
	18	5	18	6	J12								GOOD CORING.
	18	6	19	8	R111J								RUBBLE - MINOR UNBROKEN CORE
	19	8	19	9	J12								

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-33 (LL)

Reference Fabric Orientation Diagram:

Project: _____

Location: Grum Pt

Claim: _____

Terr. Plane Co-ords.: 6124.6 N

2704.3 E

Grid Co-ords: _____

Elevation: 1277.2

All symmetry determinations looking

Total Depth: 79.9

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91-G-33
 2 8

Diamond Drill Core Log

Date: APRIL 91 Logged By: R. WRIGHT

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E
I	2	8 10 16 17	24 25	32 34	39 41 42	
T						

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2	8 10 14 22	26 28	32 34	38
R		0.	-9.0	0	A.T. COLLAR VERTICAL
R		79.9	-8.8	003.0	END OF HOLE
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	2	8 10 58

DDH 9. G-33 (LL)CURRAGH RESOURCES INC.
Lithologic LogPage 3 17Date: Apr '91 Logged By: J. Zbedak

Core No.	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
	0.0	7.9					84	CASING		
	7.9	36.7					86	% Boulders & clay, no sand recovered		
	36.7	40.5					20	→ 72 ± L (72) Medium to light non-calcareous phyllite is very strongly broken to crushed and approaching gaus - suspect to be weathering feature more so than fault. Unit consists of gouge from TOJ to 39.8 - also suspect to be weathering feature. A few ground pieces of rubble host minor limonite @ 37.8. Rock is soft, recovery is poor. Lower contact is parallel S_1 and gradational over a couple of cm.		
	40.5	43.9					52	± gP ± 26 ± → 72 N Light yellowish buff, non-calcareous, strongly sericitically altered phyllite is sporadically silicified and weakly pyritized within 3-7mm bands that trend both $ S_0$ and $ $ a poorly preserved S_1 fabric. Pyritic silicified bands host 10-15% disseminated py and possible very weak Pb/Zn mineralization. Unit is sporadically crushed in cm scale bands $ S_0$ where rock approaches consistency at gauge. Rock is generally soft, locally hard and is very strongly broken $ S_0$ throughout. Recovery is generally poor, locally good. Upper contact is gradational over a couple of cm. Lower contact is marked by an unconformity at unit 52		

DDH 916-33

2 8

CURRAGH RESOURCES INC.

Lithologic Log

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4 17

Date: April 91 Logged By: J. 26cd/H

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
											and gauge of lower unit # 30. No orientation available No grade above 1% expected.
	43.9	AA.5			72	±s					light gray gouge is slightly yellow over upper 30m with a gradational color change to light gray down hole. Sericitic alteration is very weak at upper contact and becomes calcless dominant down hole. Gouge is tabular. Recovery is good, unit is non-calcareous. Lower contact is marked by gouge decreasing and crushed rock becoming dominant down hole over 1.5cm.
	AA.5	AA.5			20	(6026P) trace. N					Medium gray non-calcareous phyllite is Ps-foliated. Slightly to moderately soft and moderately to strongly broken. Unit hosts a single occurrence of PbZn occurring as a trace associated with a cm scale very light gray quartz veins // S _g at 46.1. Recovery is fair to good. Upper contact is noted as an increase in rock competency down hole. Lower contact is gradational over 1.5cm with an increase in sericite down hole. No grade anywhere except over 0.5mm.

DDH 916-33

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CURRAGH RESOURCES INC.
Lithologic LogPage 5 of 17Date: Apr '91 Logged By: F. Zbuczak

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28 30	34 36	
	49.5	49.8			152	Ptc
						Yellowish tan, very slightly calcareous, moderately sericitically altered phyllite lacks any trace of silicification but does host 2-3% very fine grained pyrite occurring as wispy clots // S ₂ . Rock is moderately soft and moderately broken. Upper contact is gradual over 15cm and lower contact is sharp and // S ₂ .
	49.8	50.2			29	(72) trace
						Medium gray non-calcareous phyllite is AS ₂ foliated with S ₂ slightly rotated with depth down hole. Fabric changes from 55° to 25° wnt c.A. Unit hosts a 1cm gage band at that trends 22°/25° wnt S ₂ . Rock is slightly to moderately soft, moderately broken and has good recovery. Upper contact is sharp and // S ₂ . lower contact is broken.
	50.2	52.4			72	
						light gray gage displays a shear texture oriented at low angles to core axis that varies from 10-25° wnt c.A. Unit is non-calcareous. Upper contact is broken, lower contact is an abrupt change in rock competency, but shear fabric is maintained by lower unit.

DDH 11 G-33

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CURRAGH RESOURCES INC.
Lithologic Log

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4 17Date: April 9/

Logged

By: J. Z. Clark

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	52.4	54.1			20	±g P → 74					
						Medium to light gray, non-calcareous phyllite hosts a very strong shear fabric within a moderately competent rock. Very rare occurrences of 1-1.5 mm wisps of silicification host pyrite. Wisps trend // shear fabric. Minor gouge occurs coating shear fabric planes. Fabric trend from 0° to 05° west c.a. Rarely fabric trends as high as 30° west c.a. Rock is soft strongly to very strongly bedded // shear fabric. S & C bands within shear fabric are generally coincident! Recovery is good. Upper and lower contacts are marked by gouge of upper and lower units!					
	54.1	55.9			72	→ 20					
						Light gray gouge is non-calcareous and generally textureless. Locally crushed unit 30 consists of fragments oriented subparallel core axis at 54.9. Recovery is fair. Upper and lower contacts are marked by abrupt changes in rock competency with the low angle shear fabric being maintained.					

Code	From	To	Recov.	No.	Unit	Description
	10	14 16	20 22 24	26 28 30	34 35	
	55.9	56.1			52	P ± 26 Yellowish tan, non-calcareous, sericitically altered phyllite is not silicified 3-5% very fine grained P ₂ and possibly very weak PbZn mineralization occurring with Py. Mineralization occurs in disseminated wisps tracing S ₁ . Unit hosts remnant shear fabric over the upper 7cm which rotates into an S ₂ fabric at 80° wrt C.A. Rock is salt to moderately soft, moderately locally very strong broken and has good recovery throughout. Upper contact is sharp and marked by gauge. Lower contact is sharp and marked by a 2cm quartz vein // S ₂ . Grade is estimated at <1%.
	56.1	56.8			210	±s (60:172) 75:25 - trace Medium gray, non-calcareous, very slightly sericitically altered phyllite is P ₂ foliated and hosts an irregular 15cm barren white quartz vein. Rock is moderately soft, strongly broken and generally has good recovery. A minor loss in core occurs at gauge band at 56.4. Upper & lower contacts are sharp and // S ₀ .

Code	From		To		Recov.			No.		Unit	Description
	10	14 15	20	22 24	26	28	30	34 35			
	576.8		57.5						152	±± ±P → 72	Buff, non-calcareous intensely altered phyllite consists of sericite and talc with 1-2% stringy masses of disseminated Py. Silicification is absent. Rock is very soft, generally crushed and approaches gouge. Recovery is fair. Upper contact is sharp and //S ₂ . Lower contact is sharp and noted as Buff gouge in contact with medium gray gouge. No orientations possible.
	577.3		58.1						20	±s → 72	Medium gray, slightly yellow, non-calcareous PS ₂ foliated phyllite is weakly altered to sericite and is generally soft locally crushed and approaching gouge. Recovery is fair to good. Upper contact is gouge adjacent gouge with no measurement possible. Lower contact is sharp and //S ₂ .
	578.1		58.7						52	±±± ±P → 72	Whitish yellow to yellowish buff, non-calcareous, strongly sericitically altered phyllite is commonly very strongly altered to talc. Pyrite is sporadic and occurs as masses and clasts. Rock is very soft generally crushed and approaching gouge. Recovery is good to fair. Upper and lower contacts are sharp and //S ₂ .

DDH 916-33

2

8

CURRAGH RESOURCES INC.

Lithologic Log

Page

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19

Date: Apr '91

Logged

By:

F. Zbuczaj

Code	From		To		Recov.	No.	Unit	Description
	10	14 16	20 22 24	26 28 30				
	58.7	59.5					5	± 74 ✓
								Brownish yellow, non-calcareous, pyritic massive sulphides is slightly tarnished, strongly mineralized and generally slightly to moderately porous. Locally unit is highly to extremely friable with sand and possibly refractory. Locally unit is brecciated and well healed, fragments are local and matrix is highly friable with sand and very dark gray to black. Individual is very stringy broken, generally moderately hard and has fair to good recovery with 20cm missing. Upper contact is sharp and marked by gauge trending at 40° wrt C.A. Crude Banding within unit trends 70° wrt C.A. Lower contact is very irregular. Estimated grade is 17-20%.
	59.5	61.5					2	± 26 N
								Dark gray to black, non-calcareous, graphitic quartzite is strongly siliceous and displays well developed ribbon banding. Unit hosts 20-25% finely disseminated pyrite and is barren of visible PbZn except for lowest 10cm which is strongly mineralized. Rock is very hard, moderately brittle and has good recovery. Upper contact is very irregular. Lower contact is sharp and // ribbon banding S ₂ .

Code	From		To		Recov.			No.			Unit	Description
	10	14 16	20 22	24 26	28 30	34 35						
	61.5	61.8								5	F10 ± 22 ± w	Dark grayish yellow, sporadically weakly dolomitic massive sulphides contain a very high marcasite content. Pyrite is rare to absent. Unit is soft, and friable into sand. Localized clots and irregular bands of near-massive sphalerite are sporadic. Marcasite is moderately to strongly permeable and porous. Unit is slightly broken, crushed over 3cm and has good recovery. Upper and lower contacts are sharp and parallel to adjacent ribbon banding. Estimated grade is 10%.
	61.8	63.1								2	± 22 (3 → 52) 90810	Dark gray to black, non-calcareous, graphitic quartzite hosts 10-20% pyrite and is strongly Pb+Zn mineralized above 62.1, barren or near barren elsewhere. Ribbon banding is well developed throughout. Unit is light gray, non-calcareous and hosts a high sericite content over the lowest 15cm. Sericite occurs along S ₂ planes. Upper and lower contacts are sharp and // ribbon banding. S ₂ -

DDH 916-33
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 11 of 17Date Apr '91 Logged By: J. Zbeck

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24 26 28 30	34 35		
	163.1	163.7			52	→ 72 (44 [#] J L) 70:30 Light gray, non-calcareous, moderately to strongly sericitically altered phyllite is very soft and locally crushed appearing gray. Interval hosts a 15cm band of strongly altered metabasite at the upper contact. Rocks are soft moderately broken and have good recovery. All contacts are sharp and // S ₂
	163.7	169.5			20	±P (60wk ±P) 90:10 Medium gray, non-calcareous, phyllite is PS foliated and hosts 10% 2-4cm white quartz-dolomite / ankerite veins generally trending // S ₂ . Rock is moderately to slightly soft moderately broken with 2-3% 1cm scale gouge bands. Pyrite is sporadic and occurs within phyllite and sporadically within veins
	169.5	70.9			52	P ± g 26 → 20ssP (60wk P ± 26) 90:10 Medium to light grayish yellow, non-calcareous, moderately sericitic phyllite hosts 0-5% pyrite wisps and clots. Unit is sporadically silicified and hosts a higher Py contact, also associated with traces of Sph & Gal which appear to be remobilized. Unit hosts 10% quartz-dolomite-ankerite clots and ≤ 1cm radi. with 40m Small clots

DDH 916-33

2

8

CURRAGH RESOURCES INC.
Lithologic LogPage 12 of 17Date: Apr '91 Logged By: J. Zschalig

Code	From	To	Recov.	No.	Unit	Description
	10	14 16	20 22 24 26 28 30	34 35		clasts and veins host traces of Pb+Zn and upto 7-10% Pyrr. Rocks generally slightly soft, strongly brecciated and has good recovery. Upper and lower contacts are sharp and // S ₂
	70.9	79.9			20	Qwk (72) 98:02 Medium gray, non-calcareous, highly boring, ps. Solidated phyllite is slightly soft, moderately brecciated and has good recovery. Unit hosts 2% 2-3cm scale bands of gouge of variable orientation, and trace 1% quartz-dolomite-ankerite veins of variable orientation. Upper contact is sharp // S ₂ and marked by a 40cm gouge band.
		79.9				EOH

ASSAY LOG (SAMPLER'S COPY) Date Apr '91

CODE	FROM		TO		SAMPLE		INTR.		REC (m)	UNIT		DESCRIPTION	
	10	14	16	20	22	26	28	30	32	34	36		40
	10.1		14.1										WASTE
	14.1		14.1		64462				1.0		152		
	14.2		14.3		463				1.0		152		
	14.3		15.5										WASTE
	15.5		15.6		464				0.1		152		
	15.6		15.8										WASTE
	15.8		15.9		465				0.1		15		
	15.9		16.0		466				1.0		12		
	16.0		16.1		467				0.1		12		
	16.1		16.1		468				0.1		15		
	16.1		16.3		469				1.0		12		
	16.3		16.9										WASTE
	16.9		17.0		64470				1.0		152		
	17.0		17.9										WASTE
													EDH @ 79.9

Code	From	To	Feature	SYM	S ₂ L ₃		S ₁		S ₂		Description			
					Dip	Direct.	Dip	Direct.	Dip	Dir ct.				
	10	14	16	20	22	24	26	28	32	34	38	40	44	
		41.0		PS2								40		
		46.0		PS2				174				53		
		49.0		PS2								60		
		56.0		PS2				166				80		
		61.0		PS2								47		Bandry in Dist.
		66.0		PS2				070				61		
		73.0		PS2				160				58		wide L ₃
		79.0		PS2				125				65		
														E ₂ at 79.9m

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 916-33

Units: Feet / Metres

Date: Apr 91

Logged By: J. Zb...

Page 16 of 17

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		
7.9																			
36.8																		NR CASING	
37.8	0.3	0																9/8 Very poor recovery 9/8 trace mud	
39.9	0.3	0																" "	
40.8	0.6	0																gassy & friable	
41.5	0.4	0																	
42.2	0.3	0																	
43.0	0.3	0																	
43.4	0.4	0																	
43.9	0.4	0																	
44.8	0.8	0																	
45.4	0.6	0																	
46.6	1.1	0.1																	
47.1	0.3	0																	
48.2	0.9	0.3																	
48.5	0.2	0																	
49.1	0.7	0																	
50.6	1.1	0.1																	
51.5	0.8	0																	
53.0	1.2	0																	
54.6	1.3	0.1																	
55.2	0.5	0																	
56.4	1.0	0.1																	
56.7	0.3	0.1																	
57.5	0.6	0																	
58.2	0.6	0.2																	
59.7	1.3	0.1																	
60.7	0.8	0.3																	

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 916-33

Units: Feet / Metres

Date: Apr '91

Logged By: S. Zbuck

Page 17 of 17

Run (Length)	TCR (Length)	RCO (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		
62.2	1.4	1.0																	
63.4	1.0	0.3																	
64.3	0.9	0.2																	
65.8	1.5	0.4																	
67.4	1.5	0.2																	
69.9	1.4	0.5																	
71.6	2.3	0.9																	
73.2	1.4	0.3																	
74.7	1.5	0.8																	
75.9	1.2	0.1																	
77.4	1.5	0.9																	
78.9	1.5	0.8																	
79.9	1.0	0.9																	
		901																	E041 @ 79.9

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-34 (KK)

Reference Fabric Orientation Diagram:

Project: _____

Location: Green Pitt

Claim: _____

Terr. Plane Co-ords.: 6121.6 N

2641.5 E

Grid Co-ords: _____

Elevation: 1276.2

All symmetry determinations looking

Total Depth: 93.9 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91-G-34
2 8

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation		Northing			Easting				Units (feet/metres)	R.F.E
1	2	8	10	16	17	24	25	32	34	39	41	42
T												

Code	Drillhole	Depth			Zenith Angle	True Azimuth			Comments	
1	2	8	10	14	22	26	28	32	34	
R			100		-90					AT COLLAR VERTICAL
R			93.9							END OF HOLE
R										
R										
R										
R										
R										
R										
R										
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R										

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions		
1	2	8	10	
				TEST FAILED

DDH 9-G3.4 (KK)
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 3 12Date: Apr 16/91 Logged By: D. TENNEY

Code	From	To	Recov.	No.	Unit	Description					
	10	16	20	22	24	26	28	30	34	35	
	10	17	7						18	14	NO RECOVERY (TRICONE OVERBURDEN)
	12	17	7						18	16	GRANITE BOWLDERS UP TO 20 CM + SAND
	14	11	8						15		± Z ± G (72) GRADE ? M
											MASSIVE PYRITIC SULPHIDES + FINE GRAINED SPHERULITE & GALENA QUARTZ/PYRITE SAND, BROKEN CORE, LOST CORE - NO OXIDATION REFRACTORY?
	14	13	2						12		± Z ± G → 30% BLACK GREY GRAPHIC QUARTZITE + DISC PATCHES BANDS PYRITE (10%) VERY BROKEN CORE - RUBBLE - NUMEROUS THIN BLACK PHYLLITIC BANDS. FINE GRAINED DISC SPHAL + GAL IN SUCCESSFUL SECTIONS - BEST GRADE FROM 51.3 - FOLIATION N55° - NON CALCAREOUS
	15	13	9						15	2	q/YZG GRADE L/M
											SILICIFIED PALE BUFF BROWN/GREEN ALTERED PHYLLITE - MODERATELY HARD - NON GRAPHITIC 4% PYRITE 4% SPHERULITE 2% GALENA. TALCOSE ON JOINTS WELL JOINTED - NON CALCAREOUS
	15	14	9						15	4	(52) GRADE W
											PALE BUFF BROWN/GREEN METABASITE + GREEN FUCHSITE MIXED WITH ALTERED PHYLLITE VERY BROKEN SAND, PARALL: NON CALC.
	15	15	14						15	2	± Q ± P ± Z ± G. GRADE W
											WELL JOINTED PALE BUFF BROWN/GREEN ALTERED PHYLLITE RDS + LENSES WHITE QUARTZ - DISC PYRITE 4%, SPHAL 1%

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	16101	16142			1512	GALENA 1% - FOLIATION AT HIGH ANGLES (70-80°) NON CALCAREOUS GRADE - W					
						BUFF BROWN/GN ALTERED PHYLITE - 2% PY TR SPHAL/GALENA. PARTLY SILICIFIED - MINOR WHITE QUARTZ VEIN S ₂ FOLIATION ~ 80° FAIR-GOOD CORING. - NON CALCAREOUS					
	16142	16158			1512	FYZ G GRADE W STRONGLY SILICIFIED PALE BROWN ALTERED PHYLITE - VERY MINOR WHITE QUARTZ VEINING. 7% PYRITE/MARCASITE - TRACE SPHALERITE + GALENA FAIR-MODERATE CORING. - NON CALCAREOUS					
	16158	16176			1512	F(72) FAULT GRADE W LIGHT BUFF BROWN ALTERED PHYLITE TALLOE AND VERY BROKEN - WITH PATCHES WHITE QUARTZ/CARBONATE? FAULT					
	16176	16180			1512	PALE BROWN/GREY SILICIFIED ALTERED PHYLITE + MUSCOVITE SERICITE CHLORITE GOOD CORING. - MINOR MARCASITE					
	16180	17103			12	Z ± G GRADE L DK GREY/BLACK RIBBON BANDED GRAPHIC QUARTZITE + 15% PYRITE MINOR FINE GRAINED SPHALERITE - MODERATE TO GOOD CORING. S ₂ FOLIATION ~ 80°					
	17103	17112			1610	PA (2) L WHITE QUARTZ VEIN WITH CARBONACEOUS PARTINGS AND					

DDH 91.634

2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 5 12

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24 26 28 30	34 35		
						INCLUSIONS 3% DIS PYRITE 1% ARSENO PYRITE MODERATE CORING BROKEN IN PLACES.
	7112	7114			2	PZGM GRADE L GREY/BLACK RIBBON BANDED GRAPHITIC QUARTZITE 40% DIS. PY + MARCASITE TRACE CHALCOPYRITE LHA CORING, JOINED, ? SILICIFIED - TRANSITION TO MASSIVE PYRITE.
	7114	17147			15	BZG → T GRADE - V MASSIVE FINE GRAINED SUGARY PYRITE WITH BARITIC MATRIX IN PLACES - FINE GRAINED SPHERULITE AND GALENA THROUGHOUT VERY MINOR NARROW SECTIONS (1CM) METABASITE WITH GREEN EUCHSITE - GOOD CORING, VERY POROUS, SLIGHTLY VUGGY - BANDING AT VARIOUS ANGLES
	17147	17175			15	GRADE - L MASSIVE F.G.R. SUGARY PYRITE WITH TECTONIC BRECCIA TEXTURE SMALL (1/2CM) TO LARGE FRAGMENTS (4CM ?+) - MORE PROMINENT METABASITE REMNANTS (1-2CM) WITH BRIGHT GREEN EUCHSITE GOOD CORING
	17175	17183			5	ZG GRADE M MASSIVE PYRITIC SULPHIDES AS ABOVE WITH PATCHED FINE GRAINED SPHERULITE & GALENA - GOOD CORING.
	17183	17184			15	GRADE L

DDH 9.1 - 3.4
2 8CU AGH RESOURCES INC.
Lithologic LogPage 4 12

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
												MASSIVE FINE GRAINED SUGARY PYRITE WITH SILICEOUS MATRIX IN PLACE. - FRAGMENTAL TEXTURE VISIBLE IN PLACE. TRACE SPHALERITE & GALENA. WHITE QUARTZ VEIN 78.7-78.9 (45°) + CARBONATE + TRACES PY. - GOOD CORING.
	1794	1808				1712	(20)					- Fault GRADE - W Fault Gouge (5-8°) - BLACK WITH FRAGMENT BLACK MUSCOVITE CHLORITE PHYLITE - LOST CORE
	18108	18122				1210	①					GRADE W PALE GREY NON CALCAREOUS MUSCOVITE CHLORITE PHYLITE + PATCHES WHITE VEIN QUARTZ + WHITE CARBONATE - WELL JOINTED CORE.
	18122	18125				7						GRADE - H FINE GRAINED SUGARY PYRITE IN BRITTL MATRIX. HEAVY FINE GRAINED SPHALERITE - LESS GALENA - UGGY CORE
	18125	18153				1210	"					GREY/DARK GREY MUSCOVITE CHLORITE PHYLITE - MODERATE TO STRONG JOINTING/DISCING ALONG FOLIATION (70°)
	18153	19127				1210	(72)					Fault Zone GRADE W AS ABOVE - VERY JOINTED OR BROKEN WITH MINOR GOUGE FOLIATION (70-80°)

DDH 9.1-9.3.4.
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page ~~5~~ 7 12 5
Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	12	7		9	3	9				15	2
											(72)
											FAULT
											GRADE W
											PAVE BLUE BROWN/GREEN
											ALTERED
											PHYLLITE - BROKEN
											CORE 30% MUD GOUGE.

93.9 E.O.H.

ASSAY LOG (SAMPLER'S COPY)

Date 10/17/91 Sampled by

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT		DESCRIPTION			
	10	14	16	20				22	26		28	30	32
	1411		1413		64748.8	11	10					15	
	1413		1414		489	11	10					12	
	1414		1415		490	10	10					12	
	1415		1417		491	12	11					12	
	1417		1419		492	11	11					12	
	1419		1510		493	11	11					12	
	1510		1512		494	11	11					12	
	1512		1513		495	11	11					12	
	1513		1514		496	11	10					15	12
	1514		1515		497	10	10					14	14
	1515		1516		498	17	11					15	12
	1516		1518		499	11	11					15	12
	1518		1610		500	11	11					15	12
	1610		1611		501	11	11					15	12
	1611		1612		502	11	11					15	12
	1612		1614		503	11	11					15	12
	1614		1615		504	11	11					15	12
	1615		1617		505	11	11					15	12
	1617		1618		506	10	10					15	12
	1618		1618		507	10	10					12	
	1618		1710		508	11	11					12	
	1710		1711		509	10	10					6	10
	1711		1711		510	10	10					12	
	1711		1713		511	11	11					15	
	1713		1714		512	11	11					15	
	1714		1715		513	11	11					15	
	1715		1717		514	11	11					15	
	1717		1718		515	10	10					13	
	1718		1719		516	11	11					15	
	1719		1811		517	11	11					2	10
	1811		1812		518	11	11					2	10
	1812		1812		64519	10	10					17	

CURRAGH RESOURCES INC.
Structural Log

I Code	From				To				Feature				S ₀		S ₁		S ₂		Description		
	10	14	16	20	22	24	26	28	32	34	38	40	44	Dip	Direct.	Dip	Direct.	Dip		Direct.	
				14	14														812		
				18	18														718		
				15	14														615		
				15	17														714		
				16	12														815		
				16	18														715		
				18	10														619		
				18	13														615		
				19	10														619		

Code	FROM				TO (At)				Feature	REG	UPPER		INTERNAL		LOWER		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
		100		141													o/b.
		141		143				R131G									BLACK QTZ/PY SAND
		143		147				R121B									
		147		148				J121									SOFT IN PLACES
		148		150				B131A									
		150		153				R121B									MINOR MUD
		153		155				J121G									- u -
		155		155				R131									u
		155		157				J131B									MINOR BROKEN CORE
		157		161				J121									GOOD CORING
		161		165				J121B									MINOR BROKEN CORE
		165		167				R121G									RUBBLY CORE MINOR GOULGE
		167		171				J121									FAIR CORING
		171		175				J111									GOOD CORING
		175		175				B131A									BROKEN METABASITE
		175		179				J111									GOOD CORING
		179		180				G131						615			BLACK MUD GOULGE - FAULT
		180		186				J131B									WELL JOINTED - SOME BROKEN
		186		187				J131B									
		187		188				B131G									
		188		190				J131B									
		190		193				B131G									V. JOINTED, BROKEN + MUD

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91 G - 35 (NW)

Reference Fabric Orientation Diagram:

Project: _____

Location: Gravel Pit

Claim: _____

Terr. Plane Co-ords.: 6091.1 N

26510.1 E

Grid Co-ords: _____

Elevation: 1276.1

All symmetry determinations looking

Total Depth: 95.1 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91-G-35
 2 8

Diamond Drill Core Log Date: APRIL 91 Logged By: R. WRIGHT

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E
I	2	8 10	16 17	24 25	32 34	39 41 42
T						

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2	8 10 14 22	26 28	32 34	56
R		00	-9.0	0	AT COLLAR VERTICAL
R		95.7			END OF HOLE
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	2	8 10 56
		TEST FAILED

DDH 9 - 635 (NN)
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 3 11

Date: Apr 14/91 Logged By: D. JENNEY

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
	1215	1414	1415							1816		CRASSILE O/B. BOULDER TILL - BOULDERS: GRANITE/ANVIL BAT LITH. UP TO 0.4 m LONG IN MATRIX SANDY TILL
	1414	1417					12			2101		L + m + e SOFT DE GY PHYLITE S2 FOLIATION - 60° MUSCOVITE RICH NON CALC MINOR TALC; LITTLE OR NO QZ TRACE PYRITE MAINLY IN THIN STRS. (<2mm) MINOR IRREG WH QZ VEINING - JOINTED/BROKEN 70° + 39° MUD MINOR LIMONITIC STAINING ON SOME JOINTS ROCK IS UNOXIDIZED MINOR LOST CORE.
	1417	1515	1513				13			2101		+m + e SOFT MED/DE GY PHYLITE MUSCOVITE ALCH MINOR TALC - WELL JOINTED BROKEN IN MINOR PATCHES - 39° MUD GULLGE: FOL 65° - NO LIMONITE - UNOXIDIZED SLIP SURFACES SILVERY MINOR LOST CORE.
	1515	1518	1513				14			7121		(20%) 10% t FAULT ± GULLGE + MINOR BRASSIA. VERY SOFT DE GY PHYLITE - HEAVY MUSC. - MORE CHLORITIC MINOR TALC - SILVERY/GREY - BLACK SLIP SURFACES. BROKEN AND LOST CORE - 15% GULLGE UNOXIDIZED MINOR PY ONE PATCH MASSIVE WITH QZ + TR FGR PY.
	1518	1519	1514				15			51		(7H) 85:15 ± 2 (4%) MASSIVE F.G. JUDARY PYRITE WITH SECTION (70%) HIGH GRADE BARITE V.F GR GALENA + F.GR LIGHT SANDY BROWN SPHALERITE CORE N PERIODS IN PLACES VUGS (1cm) IN PLACES LARGE SUB ROUNDED PYRITE CLASTS WELL PRESERVED. FAIR CORING. 52° BANDING IN BARITE 54° CONTACT 58.3m 39°

DDH 91-635 (NN)
2 8CURRAGH RESOURCES INC.
Lithologic Log

Page 4 11

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28 30	34 35	
	594	606	109	16	15	(SZG)(44#s) ± 2(4%) MASSIVE FINE GRAINED PYRITE ± DISS. OR PATCHES GAL SPHAL FUCHSITE IN PATCHES + QZ/ANKERITE JOINTED ± BROKEN CORE GRADE - M
	6106	621	115	17	5	(SZG) L 90:10 ± 2(5%) FINE GRAINED SILICATE MASSIVE PYRITE MINOR CLASTS ANKERITE TRACE GAL/SPHAL - MODERATE JOINTING S2-53° POROUS IN PATCHES MINOR (3%) PYRITIC SAND GRADE L
	621	636	109	18	14ZIG (5)	PYRITIC QUARTZITE WITH PATCHES HEAVY PYRITE - VERY HEAVY SPHAL. GALENA PATCHES AND BANDS THROUGHOUT - VERY HIGH GRADE. CORE BROKEN AND JOINTED WITH 20% PYRITIC SAND WEAK FOLIATION 44° POROUS (4%) GRADE - V
	636	638		19	15	MASSIVE FINE GR. SILICATE TEXTURED PYRITE - NOT FOLIATED BROKEN CORE WITH 30% PYRITIC SAND GRADE W
	638	643		110	17	MASSIVE BARITE + 40% FINE GRAINED SIL PYRITE BANDING 52° FRACTURED AND BROKEN CORE WEAKLY POROUS GRADE N
	643	649		111	15	(HZG) MASSIVE PYRITIC SULPHIDES SILICEOUS IN PATCHES. PATCHES SPHALERITE GALENA PARTLY BROKEN MINOR PYRITE SAND. GRADE - M

CURRAGH RE. JURCES INC.
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
	1 10	14 16	20 22	24 26	28 30	34 35
	64 9	166 0		112	15 ZG → 72	FAULT GRADE M VERY BROKEN MASSIVE PYRITE + QUARTZ IN PLACES. PATCHES E.P. SPHALERITE / GALENA. - FAULT CONTACT 66.0M IS AT 6° (VERY LOW ANGLE) CORE SOFT HIGH GYNGE (20%) CONTENT. 25% PYRITE SAND.
	166 0	168 9		113	17 2 (52ES)	FAULT GRADE W BLEACHED PALE GREEN MUSCOVITE CHLORITE PHYLLITE WITH TALC SERICITE - VERY SOFT LOSS MINOR FAULT BRECCIA. VERY HEAVY CORE LOSS 66.9-68.4 - NON CALCAREOUS.
	168 9	172 8		114	12 0 ± g	GRADE W DARK GREY / BLACK WEAKLY GRAPHITIC CHLORITIC PHYLLITE - SOFT NON-CALCAREOUS S2 FOLIATION 68° FAIR CORING MODERATE / STONG JOINTING IN PLACES. - SLIP SURFACES ARE GREY/SILVERY. 68.9-69.8 HIGHLY CONTORTED + QZ / CARBONATE VEINING
	172 8	182 6		115	12 0	GRADE W GRADATIONAL CHANGE TO GREY, BLACK, GREEN, MUSCOVITE CHLORITE PHYLLITE - SOFT FAIR (GOOD) CORING - SILVERY GREY SLIP SURFACES - NOT GRAPHITIC - FOLIATION S2-70° NON CALCAREOUS
	182 6	192 7		116	12 0 (-72)	GRADATIONAL CHANGE TO GREY / BLACK NON CALCAREOUS BIOTITE MUSCOVITE QZ PHYLLITE - S2. WHITE QUARTZ VEINING WITH PATCHES OFF. 1 FALDITE ATTINOLITE (SOFT!) FAULTED 91.0-92.7

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT		DESCRIPTION
	10	14	18	22				26	30	
	1518		1519		643616	11	11			15 5/7H
	1519		1610		3617	11	11			15 5/5ZGL
	1610		1612		3618	11	11			15
	1612		1613		3619	11	11			14
	1613		1614		370	11	11			15
	1614		1616		371	11	11			15
WAB	1912		1913		64372	10	10			18
			9.5.							504

DDH 9.1 - G.3.5
2 8

CURRAGH RESOURCES INC.
 Structural Log

Date: Apr 14/91 Logged By: D. TENNEY

Code	From		To		Feature	S ₀ L ₃		S ₁		S ₂		Description		
	10	14	16	20		Dip	Direct.	Dip	Direct.	Dip	Direct.			
1	10	14	16	20	22	24	26	28	32	34	38	40	44	
				148					128	114°	0	1212		1615
				152					1711					1718°
				161										1414°
				1716										1519
				1712										1615°
				177										1515
				182										1518
				1910	16									1612
				1915										1511

Code	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	38 40	44			
			14.8		G131								4 CM FAULT GOUGE //S ₁ 60°
			14.9		G131								3 CM FAULT GOUGE //S ₂ 67°
		14.9		15.5	J121								JOINED / BROKEN
		15.5		15.7	B131								
		15.7		15.8	R131								RUBBLE + FAULT GOUGE
		15.8		16.2	J121								MINOR BROKEN CORE
		16.2		16.4	B131								SMALL MUD BROKEN CORE - FAULT
		16.4		16.6	F131								
		16.6		16.8	G131								SOFT CORE + MUD
		16.8		17.6	J121								
		17.6		19.0	J131								
		19.0		19.1	B111								
		19.1		19.2	R111								MINOR GOUGE FAULT
		19.2		19.3									GOOD CORE
		19.3		19.3	S131								SHEARED + BROKEN
		19.3		19.5	J121								
													EOH.

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91-635

Units: Feet / Metres

Date: April 14/91

Logged By: D. TENNEY

Page 10 of 11

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		
25.1	0.8	0																OVER BURDEN - SAND	
44.7	7.0	.7																OVER BURDEN - BONE APP.	
45.6	0.9	0																	
46.0	0.4	0																CORE BROKEN ALONG S ₂	
47.1	1.1	0																FOLIATION	
48.5	1.4	0																	
49.8	1.3	0																	
51.2	1.4	0																	
52.7	1.5	0																	
54.3	1.6	0																	
55.2	.8	0																	
55.9	.6	0																	
57.3	.5	0																BROKEN CORE + 10% MUD.	
58.2	.8	0																	
59.7	1.5	0.5																	
61.0	1.1	0.1																	
62.5	1.5	0.7																	
63.3	0.6	0																BROKEN	
64.3	1.0	0																"	
65.4	1.1	0.4																LAST 0.6m V. BROKEN	
66.9	1.3	0																ALL MUD - VERY SOFT	
67.4	0.2	0																MUD - VERY SOFT	
68.4	0.2	0																MUD - VERY SOFT	
69.8	1.4	1.0																SOFT IN PLACES	
71.3	1.5	0.4																	
72.8	1.5	0.6																	
74.4	1.5	1.1																	
75.9	1.4	1.1																	
76.5	0.6	0.5																	
78.0	1.5	0.1																FAIR CORING - JOINTED	

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-36 (JJ)

Reference Fabric Orientation Diagram:

Project: _____

Location: Grum Pit

Claim: _____

Terr. Plane Co-ords.: 6121.9 N

2580.6 E

Grid Co-ords: _____

Elevation: 1273.8

All symmetry determinations looking

Total Depth: 74.1 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91-G-36
2 8

Diamond Drill Core Log

Date: APRIL 91 Logged By: R. WRIGHT

Code	Drillhole	Elevation		Northing		Easting		Units (feet/metres)		R.F.E.	
		8	10	16	17	24	25	32	34	39	41 42
I	2										
T											

Code	Drillhole	Depth				Zenith Angle	True Azimuth	Comments
		2	8	10	14			
I	2							
R				00		-91.0	0	AT COLLAR VERTICAL
R				74.7				END OF HOLE
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions													
		2	8	10											
I	2														
					TEST FAILED										

DDH 9 - G.3.6.
2 8CURRAGH RESOURCES INC.
Lithologic Log

Page 4 10

Date: APR 15/91 Logged By: _____

Code	From			To			Recov.			No.			Unit	Description
	10	14	16	20	22	24	26	28	30	34	35			
	1515	4		1515	5					16		1310		GRADE W
														BLACK MUSCOVITE BIOTITE CHLORITE PHYLITE V. BROKEN + MINOR MUD GOUGE
	1515	5		1516	8					17		15	(56Z) X 90:10	GRADE L
														MASSIVE PYRITIC TECTONIC BRECCIA: - 5 CM ROUNDED TO ANGULAR FRAGMENTS FINE GRAINED MASSIVE PYRITE (ONE CONTAINED HIGH GRADE SPHALERITE/GALENA) IN MATRIX BARREN FINE GRAINED PYRITE. FAIR CORING - POROUS. CONTACT 55.5M @ 65°. SILICON AT START FOR 10CM.
	1516	8		1517	9					18		17		GRADE V
														MASSIVE RARITLY ORE 30% F.GR PYRITE, 15% FGR SPHALERITE/GALENA BANDING 65° FAIR CORING.
	1517	9		1610	0					9		172	(52) FAULT ZONE	GRADE W
														SOFT PALE GREEN ALTERED PHYLITE FOLIATION H ₈₀ WITH EXTENSIVE GOUGE FAIR/GOOD CORING.
	1610	0		1614	3					110		172	(30) FAULT	GRADE W
														BLACK MUD WITH REMNANTS VERY SOFT BLACK GRAPHITIC PHYLITE - ANGULAR WHITE QUARTZ FRAGMENTS IN PLACES. LOST AND BROKEN CORE - 613 SAND IN HOLE.
	1614	3		1714						111		1310	Q (72) FAULT ZONE	GRADE W
														BLACK GRAPHITIC PHYLITE (50%) MINOR OTZ VEINING. (SD 2)

ASSAY LOG (SAMPLER'S COPY)

Date _____
 Logged by _____
 Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
		1 155		1 156		644160		11		11			5
		1 156		1 157		644161		11		10			7
				174									EOH @ 74-1

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
	Dip	Direct.	Dip	Direct.			Dip	Direct.	Dip	Direct.	Dip	Direct.		
1	10	14	16	20	22	24	26	28	32	34	38	40	44	
				134	2								1618	FINE S ₂ FOLIATION
				137	8								1617	TROUGHING
				141	7								1617	
				150	2								1615	
				153	0								1616	
				154									1711	
				165	0								1612	

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-37 (00)

Reference Fabric Orientation Diagram:

Project: _____

Location: GRUM PIT

Claim: _____

Terr. Plane Co-ords.: 6060.9 N

2642.0 E

Grid Co-ords: _____

Elevation: 1274.4

All symmetry determinations looking

Total Depth: 84.1 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 914-37 (00)

CURRAGH RESOURCES INC.

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Lithologic Log

Date: MAR '91 Logged By: F. Zbeck

Core	From	To	Recov.	No.	Unit	Description								
	10	14	16	20	22	24	26	28	30	34	35			
	0.0	28.0			84	CASING								
	28.0	44.5			86	Over burden, IDE/LOA blocks and clay								
	44.5	47.2			7	±L ±X H								
						Purplish gray, noncalcareous unit is moderately mineralized, strongly burtic and fairly well banded // S ₂ . Unit contains 25-30% disseminated py in a Ba-Spl matrix. Unit is strongly broken (pcc < 3/4" dia) above 45.6m and sporadically strongly broken in narrow beds below. Recovery is good. Amorphous very weakly developed, very rare and does not occur below 45.1. Upper contact is strongly broken and slightly tabular block on a local scale, sandy texture is very rare and limited to strongly broken intervals. A loss of core is noted from 43.0 - 44.5 (30cm of boulder fragments) and a loss of ore is suspect in this zone. Lower contact is sharp and // S ₂ and banding								
	47.2	48.8			5	±L H ±→7H (7H: 7*#) 73:25:02								
						Generally brassy yellow, locally light grayish purple, massive sulphides consist of 70-80% pyrite that generally lack in fabric. Approximately 25-30% of interval is light grayish purple, strongly burtic and not so mineralized. Burtic rich bands rare from								

Code	From			To			Recov.			No.			Unit			Description
	1	10	14	15	20	22	24	26	28	30	34	35				
																wiss to 25cm bands. Limonite is common as wack coatings on low angle fractures (wrt CA.) and very rare elsewhere. Interval hosts a 10cm band of sand, slightly oxidized and highly friable massive sulphides at 47.7; possible refractory use. Rock is moderately to strongly broken and has good recovery. Rock is slightly soft to slightly hard and streaks black. Upper and lower contacts are sharp and parallel S_2 Estimated grade is 12-15%, although unit 5 is hard to predict!
	48.8				49.5									7		H Grayish purple, non-calcareous massive sulphide unit is strongly brittle, and hosts moderate to strong Pb+Zn mineralization and variable amounts of pyrite commonly 20-25%, sporadically up to 40%. Variations in pyrite define banding parallel S_2 and, commonly with sharp contacts and in bands from 0.5- 4.0cm. Rock is slightly soft to slightly hard and streaks black. Interval is moderately to strongly broken and has good recovery. Upper and lower contacts are sharp and parallel S_2 Estimated grade is 15%
	49.5				50.5									5		(7H) 99:01 Brassy yellow, non-calcareous, massive sulphides contains 80% pyrite and secondary veins and bands 2cm

Code	From	To	Recov.	No.	Unit	Description				
							10	14	16	20
						at Dartic over. Unit is generally textural, except bartic bands trace S ₂ . Rock is slightly hard, streaks black is moderately broken and has good recovery. Upper contact is sharp, parallel S ₂ and crushed over the first 10cm. Lower contact is sharp, parallel S ₁ (?) and oriented at 25° wrt C.A.				
50.	51	52.	3		7	H (5w:44 ⁺⁺ jc) 90:07:02 Medium buff purple, non-calcareous, strongly bartic massive sulphides consist of 20-25% Py in a fine grained bartic/sp matrix. Local slight increase in pyrite define a moderately well preserved S ₁ fabric. Interval hosts 7-10% of massive pyrite bands from 5-15cm wide, with sharp contacts // S ₂ (?). Dolomite clots are common in massive pyrite bands. Interval also hosts a 3cm highly altered, fibrous-bearing, crushed metabasite band at 51.6 Metabasite contacts are sharp and // S ₂ . Interval is slightly hard to slightly soft, slightly to moderately broken and has good recovery. Upper contact is sharp, // S ₂ (1) and oriented at 25° wrt C.A. Lower contact sharp and parallel S ₂ . Metabasite is moderately calcareous Estimated grade is 15%				

Code	From	To	Recov. No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35
	52.3	54.3		5	<p>\pm M(?) (44%^{tr} ↓ c) 85:15</p> <p>Brassy yellow, non-calcareous, locally slightly dolomitic, massive sulphide interval consists of 80% pyrite and 1-2% clots of dolomite. Interval hosts 15% strongly altered, moderately calcareous, fuchsite-bearing metabasite occurring commonly as bands up to 30cm and also as wisps and clots within massive sulphides. Metabasite is generally slightly crushed or at the very least silt. Metabasite generally has contacts parallel S_2, although upper contact of a band at 54.1-54.3 displays plastic deformation and pinches into upper massive sulphides in a slender narrowing closure. // C. Aluminum ^{epitaxial} epitaxial ^{epitaxial}</p> <p>Massive sulphides are sh. slightly hard, streaks black, moderate break and has good recovery. Upper and lower contacts are sharp and // S_2.</p> <p>Estimated grade is 10%, although difficult to estimate with confidence.</p>						
	54.3	56.2		5	<p>H → M (7H) trace</p> <p>Brassy yellow, non-calcareous, massive sulphides consist of 80% pyrite with wisps and bands known at base are occurring sporadically. Unit is textureless. Rock is generally slightly broken, locally strongly broken. Rock is slightly hard and has good recovery throughout. Upper and lower contacts are sharp and // S_2.</p> <p>Estimated grade could vary from 1-15% (?).</p>						

DDH 914-37

2

8

CURRAGH RESOURCES INC.
Lithologic Log

Page

7 of 16Date: Mar '91

Logged

By: J. Beckwith

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	516.2	517.3			17	H → SH	Weak purple gray is seen through a brassy yellow chlorite this unit. Rock is brittle and hosts 35-40% pyrite and is crudely banded parallel S_2 to massive and textureless. Rock is slightly hard, streaks black, is generally moderately broken, and has good recovery throughout. Upper and lower contacts are sharp and parallel S_2 .					
	517.3	518.6			15	±w (44##j) trace	Brassy yellow, non-calcareous, massive sulphide interval is textureless and consists of 80-90% pyrite (I). Unit hosts clots of alumite within the lowest 15cm of interval. Two < 0.5 cm wide, of strongly altered, fuchsite bearing metabasite occur within lowest 10cm of unit. Rock is moderately broken, slightly hard and has good recovery throughout. Upper and lower contacts are sharp and parallel S_2 .					
	518.6	519.1			AA	## ±w ±j	Buff and medium green, moderately aluminous, metabasite is strongly altered and hosts 20% chlorite w/ and clots generally strongly stretched into PS_2 . Fuchsite is sporadic and represents < 2% of interval. Rock is slightly to moderately soft, slightly broken, locally crushed. Recovery is good. Upper and lower contacts are sharp and parallel S_2 .					

DDH 914-37
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 8 of 16
Date: Mar '91 Logged By: F. Zbecln

Core	From	To	Recov. No.	Unit	Description					
						10	14	16	20	22
	59.1	62.0	9	5	±w					
					Brassy yellow, noncalcareous massive sulphide interval contains 80% pyrite and 0-1% clots of dolomite. Unit is generally fine grained with con. scale bands of slightly coarser grained bands that contain visible sphalerite. Sphalerite bands trend parallel S_2 . Unit is slightly hard, moderately broken with very weak oxidation along fracture slightly oblique to core axis. Recovery is good. Upper and lower contacts are sharp and parallel S_2 . Estimated grade is 10%.					
	62.0	67.7	7	5	±w ± → 7H (7H: 52: 44 [#] : j) 97: 02: 01: trace					
					Brassy yellow, locally slightly purplish-gray, noncalcareous unit is generally massive and hosts 0-3% dolomite clots and bands. Unit is locally slightly banded in bands from 1.0-1.5cm. Banded bands contain sharp contacts and trend // S_2 . Strongly banded intervals occur at 65.8-66.1 and sporadically over 67.3-67.7. Pyritic massive sulphide intervals best rare within and bands <1.0cm of strongly altered metabasite. Interval is slightly hard, moderately to slightly broken and has good recovery throughout. the All contacts are sharp and parallel S_2 . Estimated grade is 12-15%.					

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	67.7	68.1			44	## w j (47) trace						
						<p>Light and medium green, weakly dolomitic, metabasite is strongly altered and hosts 7-10% pyrite strongly stretched into the P_2 fabric. Unit hosts a fld vein at 67.85 where S_2 wraps into a moderately tight fld nose. Interval hosts wisps of unit 47 < 0.5cm wide and parallel S_1. Rock is soft, slightly broken, and has good recovery. Upper and lower contacts are sharp and // S_2.</p>						
	68.1	69.2			7	<p>(44L*: 52P±g) 85:10:05</p> <p>Purplish gray, locally tending to brassy yellow, moderately to strongly basic, non-calcareous unit is moderately mineralized and displays well developed P_2 banding on the cm scale. Unit hosts 20-25% locally 35% pyrite. Interval supports 20cm of moderately altered chloritic str weakly dolomitic metabasite with a strong P_2 fabric at 68.4-68.6. Interval also supports a sericitically altered pyrite-bearing band at 68.65-68.75. Sericitic band is sporadically weakly silicified. Massive sulfides are slightly hard metabasite is slightly hard, sericitic unit varies from moderately hard to soft. All units are slightly broken, and recovery is good. All contacts are sharp and parallel S_2. Estimated grade is 10%.</p>						

DDH 914-37

2 8

CURRAGH RESOURCES INC.
Lithologic LogPage 10 of 16Date: Mar '91 Logged By: J. Zblendak

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	69.2	70.0			54	±gR → 20#	Both green moderately sericitic unit is non calcareous, sporadically moderately silicified and hosts 2% clotty P _o . Unit is Ps ₂ foliated and varies from moderately s.f. to locally hard. Rock is slightly broken and has good recovery. Upper and lower contacts are sharp and parallel S ₂ .					
	70.0	77.5			20	g PR (60k:72) 94:03:03	Medium-dark gray non calcareous, slightly graphitic sh. Unit is Ps ₂ foliated and hosts 1-2% clotty P _o and 1% clotty P _g . Inferred also supports 2-3% quartz-ankerite or con. scale. varies // S ₂ and sporadic gouge bands over 74.4-75.1. Rock is moderately s.f., moderately to slightly broken and has good recovery throughout. Upper and lower contacts are sharp and parallel S ₂ .					
	77.5	78.5			52	±g PR 2 N	Buff to tan non-calcareous, moderately to strongly sericitically altered unit hosts sporadic silicification and sporadic occurrences of P _g , P _o and spl occurring in clotty and disseminated stringers // S ₂ . Rock is generally					

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
										and lower contacts are sharp and parallel S_2 Estimated grade is $< 1\%$
	78.5	81.5							3	M±c H (52g RPMZ) 70:30 high gray non-calcareous, strongly siliceous unit is strongly to moderately PS_2 mineralized and hosts 15-20% quartz. Intersect supports 30% wisps and bands up to 30cm wide of yellowish to moderately to strongly silicified sericitic units. Sericitic intervals contain minor amounts of Po , P_2 , magnetite and sphalerite. Quartzite also contains sporadic clots of magnetite. All units are PS_2 foliated, moderately hard, locally unit S2 is moderately soft. Rocks are slightly broken and have good recovery. All contacts are sharp and parallel S_2 . Lowest 10cm of unit interval are moderately calcareous. Estimated grade is 5-7%.
	81.5	82.6							20	2 (60cc PRG±2) 65:35 Medium green, noncalcareous phyllite is moderately chloritized PS_2 foliated, locally contorted PS_2 prevalent. Intersect supports 35% dm-scale quartz-calcite veins.

ASSAY LOG (SAMPLER'S COPY) Date May '91

CODE	FROM		TO		SAMPLE		INTR.		REC (m)	UNIT		DESCRIPTION	
	10	14	16	20	22	26	28	30	32	34	38		40
	101		144		224								
	144		145		121319								WASTE
	145		146		1240								W
	146		147		1241								
	147		147		1242								(7) (?) 20% refractory (?)
	147		148		1243								Trace wide oxidation
	148		149		1244								
	149		150		1245								
	150		152		1246								(5:44##j) 90:07:02
	152		154		1247								(44##) 85:15
	154		156		1248								
	156		157		1249								-75
	157		158		1250								
	158		159		1251								##j wts
	159		160		1252								
	160		162		1253								
	162		162		1254								-> 7
	162		164		1255								-> 7
	164		165		1256								-> 7
	165		167		1257								-> 7
	167		167		1258								(52) 85:15
	167		168		1259								##j
	168		169		1260								
	169		170		1261								
	170		177										waste
	177		178		1262								
	178		180		1263								
	180		181		1264								
	181		182		1265								2 (60cc ARB=2)
	182		183		1266								
	183		184										waste

(100% recovery
 + recovery)

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91G-37

Units: Feet / Metres

Date: Mar '91

Logged By: S. Zbrada

Page 16 of 16

Run (Length)	TCR (Length)	RQD (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		
28																			
44.5																			
45.3	0.7	0																	9/3 poor recovery
46.2	0.8	0.2																	
47.7	1.5	0.6																	
49.1	1.4	0.4																	
50.6	1.5	0.6																	
52.1	1.5	1.1																	
53.6	1.5	0.4																	
55.2	1.6	0.6																	
56.7	1.5	0.9																	
58.2	1.5	0.8																	
59.7	1.5	1.0																	
61.3	1.5	0.7																	
62.8	1.5	1.0																	
64.3	1.5	1.4																	
65.8	1.5	1.2																	
67.4	1.6	1.15																	
68.9	1.5	1.2																	
70.7	1.5	0.9																	
71.9	1.5	1.2																	
73.6	1.5	1.2																	
75.0	1.4	0.35																	
76.9	1.5	0.9																	
78.0	1.5	1.2																	
79.6	1.5	1.3																	
81.1	1.5	1.2																	
82.0	0.9	0.05																	
82.6	0.6	0.5																	
84.1	1.5	0.8																	

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-38 (PP)

Reference Fabric Orientation Diagram:

Project: _____

Location: Grum PIT

Claim: _____

Terr. Plane Co-ords.: 6062.6 N

2655.6 E

Grid Co-ords: _____

Elevation: 1275.3

All symmetry determinations looking

Total Depth: 89.9

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91-G-38
 2 8

Diamond Drill Core Log Date: APRIL 91 Logged By: R. WRIGHT

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
1	2 8 10	16	24	25	32	34 39 41 42
T						

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8 10 14 22 26 28 32 34 36 38 40 42 44 46 48 50 52 54 56				
R		0.0	-90.0		A.T. COLLAR VERTICAL
R		89.9	-87.7	922.0	END OF HOLE
R					
R					
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R					
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Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
1	2 8 10	

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
		0.0		21.6						B4	CASING
		21.6		42.1						B6	% Boulders & clay - very poor recovery.
		42.1		43.1						5	## → 7 ## Yellow brown sand is non-calcareous and hosts extremely friable sandy blocks of massive sulphide. Unit is strongly suspected to be refractory. Recovery is very poor, upper and lower contacts are sand bound and no orientation is available. Oxidation does not appear to exist - no limonite - no tarnish other than very slight block color developed along margins of sandy blocks. Uncertain grade.
		43.1		44.7					2	PP (4→5L) 55:45 L	Dark gray to black and brassy yellow unit is non-calcareous and hosts weak PbZn mineralization. Unit can be considered graphitic quartzite which hosts 45-50% 1.0-5.0cm bands of generally siliceous semimassive sulphides to pyritic massive sulphides bands; or, semimassive to massive sulphides hosting 45-50% 1.0-3.0cm bands of graphitic quartzite? Take your pick! Bands are sharp and oriented // S ₂ . Interval is hard strongly broken and has good recovery. Upper contact is marked by sandy massive sulphides uphole and no orientation is available. Lower contact is sharp, parallel S ₂ and noted by a lack of semimassive to massive sulphide bands down hole. Estimated grade is 1-2%.

DDH 416-38
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 4 of 20
Date: Apr '91 Logged By: J Zbeck

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	A4.7	A9.5			2+	±→ 30gg 22PG H					
						Dark gray to black, non-calcareous, strongly siliceous, strongly mineralized graphitic quartzite contains a localized minor phyllitic component. Diagenetic banding is generally well developed. Pb+Zn mineralization trend with S and S ₂ and occurs as bands 0.1-1.0cm wide. Rock is very hard, strongly to very strongly broken and has good recovery. Upper and lower contacts are sharp with upper contact AS. Lower contact is marked by an irregular quartz vein of lower unit. Estimated grade is 15-20%.					
	A9.5	51.0			2	(60ZGP) 70:30 M→H					
						Dark gray to black, non-calcareous graphitic quartzite has 30-35% milky white irregular quartz veins and clots throughout. Vein hosts no detectable carbonate but does host moderate remobilized Pb+Zn mineralization. Banding within quartzite is disrupted by veins and clots. Rock is very hard moderately mineralized through, and is generally strongly broken with good recovery. Upper contact is sharp and marked by an irregular quartz vein. Lower contact is sharp and parallel S.					

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28 30	34 35	
	51.0	55.0			5	±#L ±@ (44#jL ± → 72) 85:15 Brassy yellow sporadically weakly calcareous often with associated porous nature and sporadic limonite development commonly coating fractures. Limonite development is weak and sporadic. An estimated 60% of unit is of this porous, calcareous and possibly refractory. Porous intervals are very slightly rarely moderately friable into sand. Interval is crudely banded and locally displays a well healed brecciated texture. Interval hosts thin bands of strongly altered, weakly limonitic, non-calcareous, Fe-rich-bearing metabasite at 53.2-53.3 and 53.9-54.2. Metabasite contacts are sharp and // banding (S ₂ ?). Massive sulphides are slightly hard locally slightly friable. Unit is strongly broken and has good recovery. Upper and lower contacts are sharp and parallel S ₂ (banding). Grade is difficult to estimate, and may vary from 1-10%.
	55.0	57.9			7	±L (5±#@ : 44#jL) 75:25:trace H Light grayish brown, non-calcareous, strongly baritic well banded moderately mineralized unit hosts 25-30% 10-25cm bands of pyritic massive sulphides. Pyritic intervals are commonly slightly porous, very weakly calcareous and very slightly hard to be friable into sandy material, and may locally be refractory. At 55.4-55.5 pyritic massive sulphides are

Code	From	To	Recov.	No.	Unit	Description
	10	14 16	20 22 24	26 28 30	34 35	
						lightly coated with limonite on fractures. Contacts with pyritic and baritic massive sulphides are sharp and parallel banding. Interval hosts trace-1% strongly altered, weakly calcareous metabasite bands < 1.0cm wide. Limonite is very rare and occurs as weak to moderate coatings on fracture surfaces. Interval is slightly hard, moderately broken and has good recovery. Upper and lower contacts are sharp and parallel banding (S ₂ ?).
	57.9	59.0			5	±c ±@ (7±e 40 44 ^{**} i) 85:15:trace Brassy yellow, locally light grayish brown, very weakly calcareous pyritic massive sulphides contain 70-80% pyrite and hosts 10-15% baritic massive sulphides occurring in 2-3cm bands // banding. Strongly altered, non-calcareous, fuchsite metabasite wispy clots and bands are rare and do not exceed 1cm in width. Both pyritic and baritic massive sulphides are locally porous with < 1mm pore spaces. Rock is slightly hard, moderately broken; local which are porous are slightly more broken. Recovery is good throughout. Upper and lower contacts are sharp and // banding (S ₂ ?).
	59.0	61.6			7	±c ±@ → 5 (5 → 74) 90:10 Yellowish brown, non-calcareous, locally weakly to moderately calcareous baritic massive sulphides host 0-15% 1.5-2.0cm

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30
										irregular and discontinuous clots of calcite and 1.0cm veins of calcite. Unit contains 40-50% pyrite and 20% clots and breccia fragments of pyritic massive sulphides. Breccia is well healed with a fine grained slightly porous sporadically near black matrix. Breccia is matrix supported, locally fragment supported. Interval hosts a porous and slightly permeable band at 59.0-59.15. Interval is slightly hard slightly broken and has good recovery. Upper contact is sharp and parallel banding (S ²). Lower contact is sharp and irregular - possibly related to well healed breccia. Estimated grade is 10-12%.	
	61.6	62.1							5	c	Brassy yellow, generally noncalcareous massive pyritic sulphides are generally massive and textureless. Unit contains 80% pyrite. Rock is slightly hard, moderately broken and has good recovery. Unit is sporadically weakly to moderately calcareous over the lowest 15cm. Upper contact is sharp and irregular, lower contact is also sharp and irregular but is undoubtly controlled by the underlying well healed breccia.

Code	From	To	Recov.	No.	Unit	Description
	1 10	14 16	20 22	24 26	28 30	34 35
	62.10	62.8			7	cc ±e (5cc → 74) 60:40 Brownish yellow and brassy yellow, strongly to very strongly calcareous unit is moderately brittle and hosts 40% pyritic massive sulphides occurring as fragments in a well healed breccia. Matrix of breccia is slightly to highly porous occasionally very dark approaching black. Unit host scattered calcite clots from 3mm to 1.5x4cm. Clotts are independent of banding. Banding is fairly well formed and is crossed by breccia. Rock is slightly hard, moderately broken and has good recovery. Upper contact is sharp and irregular. Lower contact is sharp, parallel banding and noted as a loss in calcite content and a highly porous, permeable and friable band of lower unit. Estimated grade is 7-10%.
	62.8	62.95			7	±c ±e (5±c → 74) Medium brownish gray, generally non-calcareous baritic massive sulphides are typically well banded. Interval hosts a 25cm pyritic massive sulphide band at 64.1 which is generally non-calcareous and displays a well healed breccia texture. Pyritic sulphides contain sharp contacts // banding in baritic units. Both baritic and pyritic sulphides are sporadically calcareous with calcite generally occurring in irregular discontinuous fractures, occasionally as disseminated threads resembling fractures but not visible with reaction to acid. Interval contains patchy clots of highly porous, highly permeable and friable rock at 62.8 - 62.95. Rock is generally, slightly hard slightly

Code	From	To	Recov.	No.	Unit	Description
110	1416	2022	2426	2830	3435	broken and has good recovery. Upper and lower contacts are sharp and // banding (S. ?). Estimated grade is 15-20%.
65.3	65.9				52	##±P ZG N White and sporadically light brown, non-calcareous, intensely altered to clay (?). Clay is slightly competent and hosts wisps and clots of unit 52 near upper contact. Unit 52 hosts sporadic clots of pyrite and very rare clots of oxidized (black) Pb+Zn. Rock is very soft, very strongly broken, locally crushed and has good recovery. Upper contact is very sharp, and parallel S ₂ and banding of upper unit. Lower contact is sharp, irregular and marked by quartz vein of lower unit. No grade expected.
65.9	68.1				54	±P ±a Ql Medium to light tanish-yellow-green, non-calcareous, PS ₂ foliated phyl. hosts trace 1% pyrite clots and 3-5% <1.0cm bands and wisps of strong silicification occurring parallel S ₂ . Interbed hosts a 0-3cm irregular quartz blob at the upper contact with strongly chloritized margins. Unit is soft to very soft, moderately to strongly

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						sharp and irregular. Lower contact is gradational over 30cm with a non-altered phyllitic component at lower unit becoming progressively more dominant down hole.
	68.1	69.6			20 ± 2 (20 → 72)	85:15 Medium locally medium dark gray CS ₂ → PS ₂ foliated unit is non-calcareous and is generally strongly broken // S. Locally unit is slightly to moderately darker in color. Darker color is a result of darker chlorite and only very rarely because of a slight graphitic component. Darker bands are from 0.5 - 2.0 cm wide and // S. Rock is soft to slightly soft, and sporadically is crushed and approaches gouge. Upper contact is gradational over 30cm with a loss of upper units alteration down hole. Lower contact sharp and marked by a 3cm irregular gouge band.
	69.6	71.4			54 ± P ± 2G ± 2P	light greenish yellow, non-calcareous, PS ₂ foliated phyllite is moderately to strongly scissile and hosts scattered wisps and clots of pyrite, sphalerite and galena. Interval also hosts 0-7% quartz-carbonate veins from 1.0-30cm wide generally // S that host trace - 3% pyrite and trace galena & sph. Rock is moderately soft structural broken // S, and has good

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30 34 35	
						good recovery. Upper contact is marked by a 2-3cm gouge band, below gouge band alteration is weak but becomes progressively stronger over the next 35cm. Lower contact is sharp and marked by quartz vein.
	74.4	74.5			20	±P±ZG ±QPK (72) 90:10 N
						Medium gray non-carbaceous phyllite is P ₅ foliated with P ₅ fabric generally controlled by shear fabrics of no distinct orientation. Quartz veins are typically irregular and also contain P ₅ fabric. Pyrite occurs as scattered grains within phyllite but more commonly associated with quartz veins. Unit hosts 0-5% quartz-carbonate veins (calcite(?)). Interbed hosts 10-15% 1-10cm bands of gouge. Rock is slightly soft, strongly broken and has good recovery. Upper contact is sharp, irregular and marked by quartz vein of upper unit with gouge below. Lower contact is sharp and parallel bedding of lower unit. Lowest 25cm of interbed contains a highly contorted P ₅ fabric - disrupted by shearing and also hosts scattered wisps and clots of Galena and sphalerite. No portion of interbed hosts grade above 1/2% combined.
	74.5	75.2			3	ZZGP (8m) 95:05 V
						Purplish brown, non-carbaceous, intensely mineralized with siliceous unit contains 10-15% disseminated cbbts within

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30	34 35
						moderately siliceous sphaleritic matrix. Unit is weakly banded and hosts a 3-4cm band of P ₀ at upper contact. P ₀ band is // banding. Rock is very hard moderately broken and has good recovery. Upper contact is sharp and // banding. Lower contact is sharp and // banding of this unit and S ₂ of lower unit. Estimated grade is 40-50% combined Pb+Zn.
	75.2	77.1			52	±P ±QkP (422 H.) 98:02 Bu-ft-ton, slightly green, non-calcareous sericitic phyllite is P ₂ foliated and commonly contains a low angle (wrt CA) shear fabric which disrupts P ₂ . Interval hosts 2% stringers, bands, and clots of intensely mineralized (Sph) sulphides occurring as fragments within shear fabric. Mineralized fragments are are elongated // shear fabric. Rock is soft to moderately soft and hosts 3-5% irregular quartz-ankerite veins and clots. Rock is strongly broken commonly crushed. Recovery is good to fair. Upper contact is sharp and // banding and S ₂ . Lower contact is sharp and oriented // shear fabric @ 10° wrt CA. No grade above 1% over 10cm.
	77.1	77.5			Q	H Purple brown, non-calcareous, strongly magnetic P ₀ rich massive sulphides becomes less magnetic and strongly Sph rich over lowest 10cm. Unit is massive and tabular. Rock is very hard slightly broken

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
												and has good recovery. Upper contact is // upper shear fabric and trends 10° w of C.A. Lower contact is sharp and // S ₂ / banding. Estimated grade is 10%.
	77.5	78.4			7	±@ (602G)						80:20
												Light brown to tan, non-calcareous, highly baritic unit hosts 20-25% pyrite. Unit also contains 20% very light gray to white highly irregular quartz veins and blebs on the dm-scale. Veins and blebs contains medium grained galena and sphalerite - of a remobilized nature. Injected quartz contains very sharp contacts with baritic ore. Baritic unit is slightly hard to slightly soft, slightly broken and has good recovery. Banding is fairly well developed and is slightly contorted adjacent quartz injection. Upper and lower contacts are sharp and parallel banding (S ₂ ?) Estimated grade is 10-12%. Lowest 10cm is moderately porous and slightly permeable.
	78.4	80.9			3	22G ±c (2)						98:02
												Dark purple and light gray, generally non-calcareous, strongly siliceous unit is intensely mineralized and hosts 10-15% pyrite. Calcite is very sporadic and limited to open structures which generally trend @ 240 / 20 w of S ₂ or banding. Unit host 2% graphitic quartzite (barren of Pb+Zn) disseminated fragments and veins oriented within S ₂ . Rock is

DDH 416-38

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CURRAGH RESOURCES INC.
Lithologic Log

Page

14, 20Date: Apr '91

Logged

By: J Zbeck

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
												Very hard, moderately to slightly broken and has good recovery. Upper and lower contacts are sharp and // S ₂ . Estimated grade is 35%.
	80.9	82.8			3							→ 4
												Light gray and medium yellowish gray non-calcareous unit is strongly siliceous and hosts 30-35% pyrite occurring in cm-dm bands that are fairly well defined locally, appearing patchy. Pb+Zn mineralization is very weak. Rock is very hard, moderately to slightly broken, recovery is good throughout. Upper and lower contacts are sharp and // banding (S ₂).
	82.8	85.9			3							Z±226 (3L→4:2) 80:15:05
												Light gray and purplish yellow, non-calcareous, strongly siliceous unit that hosts 10-30% pyrite and generally hosts moderate sphalerite disseminated with pyrite. Locally mineralization is intense over 10-15cm and also barren over 20-50cm bands. Unit is fairly well bedded. Rock is to very hard, slightly broken and has good recovery. Upper and lower contacts are sharp and parallel banding (S ₁). Estimated grade averages 7-10%.

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
	85.9	86.8			52	→ 20 [#] s (52g → 20 [#] sq) 25:15
						Light to medium gray to yellow, non-calcareous, moderately to waddy sericitic unit is Ps ₂ foliated and hosts 15% slightly silicified bands generally 0.5cm wide. Rock is very soft to soft, hard where siliceous, moderately broken and has good recovery. Upper contact is sharp, slightly irregular and // S ₂ . Lower contact is gradual over 20cm and noted as a loss of silicification and sericitic alteration.
						No grade.
	86.8	89.9			29	±g (72) 95:05
						Medium gray, rarely medium dark gray, non-calcareous Ps ₂ foliated phyllite is locally slightly graphitic. Unit hosts 5% gouge occurring primarily as low angle bands < 1.0cm wide cross-cutting S ₂ . More rarely gouge occurs as 5-10cm bands // S ₂ . Upper contact is gradual over 20cm.
		89.9				SDH

ASSAY LOG (SAMPLER'S COPY) Date Apr 19 1991

CODE	FROM		TO		SAMPLE		INTR.		REG (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	101.		102.										WASTE
	102.		103.		644014				0.		15		## → 7 ## re-factory (?)
	103.		104.		41015				1.		2		PP
	104.		106.		41016				1.		2		
	106.		107.		41017				1.		2		
	107.		108.		41018				1.		2		
	108.		109.		41019				0.		2		
	109.		151.		4110				1.		60		(2)
	151.		151.		4111				0.		5		→ 7
	151.		153.		4112				1.		5		
	153.		154.		4113				0.		5		minor 44 ##
	154.		155.		4114				0.		5		moder. 44 ##
	155.		156.		4115				1.		5		(7) 85:15
	156.		157.		4116				1.		7		
	157.		159.		4117				0.		5		
	159.		160.		4118				1.		5		
	160.		161.		4119				1.		7		±c
	161.		162.		4120				0.		5		
	162.		162.		4121				0.		7		cc ±e
	162.		164.		4122				1.		7		±c ±e
	164.		165.		4123				1.		7		±c ±e
	165.		165.		4124				0.		52		## P ±g ZG
	165.		174.										WASTE
	174.		175.		4125				0.		3		22GP (8M) 95:05
	175.		177.		4126				1.		52		±PQK (422) 98:02
	177.		177.		4127				0.		18		
	177.		178.		4128				0.		7		
	178.		179.		4129				1.		3		22G ±c (2) 98:02
	179.		180.		4130				1.		3		22G ±c (2) 98:02
	180.		182.		4131				1.		3		L
	182.		184.		4132				1.		3		2 ± 22G
	184.		184.		4133				0.		3		L
	184.		185.		644134				1.		3		2 ± 22G
	185.		189.										WASTE
													G.O.H @ 89.9

Code	From		To		Feature	Sym	S ₁		S		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
	0		42										0/A
			44		PS2							60	Banding
			46		CS2S		1.4625		3.34			51	
			52		PS2							65	Banding
			56		PS2							51	"
			62		PS2							73	"
			68		PS2							62	
			73		PS2							55	
			78		AS2							60	Banding
			84		PS2							54	"
			87		PS2							68	
													EOH @ 89.9

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 916-38

Units: Feet / Metres

Date: Apr '91

Logged By: *J. [Signature]* Page 19 of

Run (Length)	TCR (Length)	RCD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES												CORE SIZE	COMMENTS
						0-30				30-65				65-90					
						No	Rough	At	Type	No	Rough	At	Type	No	Rough	At	Type		
21.6	—	—																	
42.1	—	—																	
43.4	0.3	0																	
44.5	1.5	0																	
46.0	1.3	0.1																	
47.1	1.1	0																	
48.6	1.3	0.15																	
50.1	1.4	0.4																	
51.7	1.6	0.3																	
53.3	1.6	0.25																	
54.9	1.4	0.2																	
56.4	1.5	0.6																	
57.6	1.2	0.6																	
58.2	0.5	0.4																	
59.7	1.5	1.1																	
61.3	1.5	1.35																	
62.8	1.5	1.1																	
64.3	1.5	1.2																	
65.8	1.5	0.6																	
68.9	2.9	0.1																	
69.3	0.4	0																	
70.4	1.1	0.2																	
71.9	1.5	0																	
73.5	1.4	0.3																	
75.0	1.5	1.1																	
76.5	1.2	0																	
78.0	1.5	0.7																	
78.9	0.9	0.9																Adjusted with low block	

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-39 (QQ)

Reference Fabric Orientation Diagram:

Project: _____

Location: _____

Claim: _____

Terr. Plane Co-ords.: 6060.9 N

2688.8 E

Grid Co-ords: _____

Elevation: 1277.1

All symmetry determinations looking

Total Depth: 96.9

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91-G-39
2 8

Diamond Drill Core Log Date: APRIL 91 Logged By: RLWRIGHT

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
I	2 8 10 16 17	24 25	32 34	39 41 42		
T						

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8 10 14 22 26 28 32 34				
R		0.0	-90.0		AT COLLAR VERTICAL
R		96.9	-89.3	136.0	END OF HOLE
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	2 8 10	

Core	From	To	Recov. No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35
	10.0	4.7	0.0		8.4	No Recovery Casing					
	4.7	14.5	10.10		8.6	Over burden → Poor Recovery → Mud Till & Granite boulders (Anal. Batholith)					
	14.5	44.9	10.4		5	Fq, y ± Z, G, H: - Massive marcasite with porphyroblasts of py. Small py stringers through out. brassy copper colour. Some Py porphyroblasts are altered around outside edges. abundant clasts of Qtz & clay material. Slightly porous. Upper contact is O.B. Lower contact gouged.					
	44.9	49.2	0.9		20	±P (72) 85:15 - Medium grey, soft, S ₂ foliation surfaces silvery wood grey. Badly broken core. upper & lower contacts gouged. No apparent oxidation.					
	49.2	52.5	1.7		52	(72) 65:35 Light buff-green, soft, S ₂ foliation surfaces silvery buff, Badly broken core, contacts both gouge. No apparent oxidation.					
	52.5	57.9	5.5		3	ZZGgP ± C @ V (5 ± Z, G, g @ L) 55:45 - inter-banded Pyritic Qtzite & Massive pyrite. Pyritic Qtzite generally high grade, where massive pyrite is lower grade. Wisps of carbonaceous material within pyritic quartzites. Unit is very POROUS (refractory??). Very hard unit. Gouged zone @ 54.9 to 55.1. upper contact gouged lower contact is sharp but irregular → Marked by 10cm healed sulfide breccia.					

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	57.9	61.6	3.7		14	g L @ (5 ± g L @) (47 ± G, g) 75:22:3						
						- Semi-massive Pyrite, bottom 1.1 meters of interval is dominantly massive Pyrite. The semi-massive pyrite is brecciated the contact with the massive portion of the unit is sharp. Unit is brassy yellow & hard. S ₂ Foliations are not recognized. Bottom contact is marked by gouge & a thin 47 unit, whole unit is very POROUS (refractory??)						
	61.6	67.4	5.8		15	ZG ± g y H @ (3 ZG H @) 85:15						
						- From TOI to 62.6m is siliceous portion of unit (3), from 62.6 to 62.9 is a small 47 unit which is gouged along its upper contact. Bands of ZnS define S ₂ Foliations locally. Entire unit is POROUS. Bottom 30cm of unit is a healed sulfide breccia. Lower contact is marked by the breccia.						
	67.4	71.0	3.6		13	ZZGP ± g V @						
						- Hard unit rich in base metals, core is moderately broken, high qtz content, S ₂ foliations defined by py, ZnS & qtz bands. Minor blobs of quartz. Unit is relatively POROUS. The lower contact is marked by increasing carbonaceous content & is gradational.						
	71.0	73.5	2.5		2	ZZG ± C V						
						- Very hard unit, rich in base metals @ TOI with amount decreasing towards EOI. Core is moderately broken. S ₂ & S ₁ foliations defined by carbonaceous bands, qtz, Py & sphalerite. Bottom contact marked by lack of base metals. Bottom 30cm of interval is a healed sulfide breccia.						

ASSAY LOG (SAMPLER'S COPY)

Date April 3/91

Sampled by

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION	
	1	10	14	16	20	22	26	28	30	32	34	36		40
			16		44									O.R
			44		44	64435		10					5	Fgy ± ZGH:
			44		52									Waste
			52		54	64436		12					13	ZZGg P± C @ V
			54		56	437		11					13	ZZGg P± C @ V
			56		57	438		11					13	ZZGg P± C @ V
			57		59	439		11					14	g L @
			59		61	440		11					14	"
			61		63	441		12					15	ZG ± gy H @
			63		65	442		11					15	"
			65		67	443		12					15	"
			67		69	444		11					13	ZZGP ± g V @
			69		71	445		11					13	"
			71		72	446		11					12	ZZG ± C
			72		73	447		11					12	"
			73		75	448		12					2	± ZG ± C
			75		77	449		12					2	"
			77		79	450		12					2	"
			79		81	451		12					2	"
			81		82	452		11					2	"
			82		84	453		12					2	"
			84		86	454		12					2	"
			86		88	455		12					2	"
			88		90	456		12					2	"
			90		92	457		12					2	"
			92		94	458		12					2	"
			94		116	64459		12					12	"
					EOH									

DDH 91639
2 8

CURRAGH RESOURCES INC.
 Structural Log

Page 1 of

Date: Apr. '91 Logged By: J. Zsectall

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
				4.8	PS ₂							71		
				5.0	PS ₂							65		
				6.9	PS ₂							52		Banding
				6.3	PS ₂							35		Banding
				7.1	PS ₂							62		Banding
				7.4	PS ₂				28					Banding / S ₁ , NO S ₂ available
				7.6	CS ₂	Z			20	20	2	60		weak S ₂
				8.1	CS ₂	S			16	33	0	55		"
				8.7	CS ₂	Z			18	14	2	84		Very wide S ₂
				9.3	CS ₂	S			0.7	0.0	0	41		
				9.5	CS ₂	S			0.6	0.4	0	56		
														END @ 96.9

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
		78.6		80.7										Commonly very strong breccia, no distinct orientation
		81.7.9		81.9.8										Very well hard breccia, no distinct trend.
														EQM @ 96.9

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH#

29ctuff

Units: Feet / Metres

Date:

Apr '91

Logged By:

S. Zbrada

Page

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of

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		
4.7																	NG	CARDINAL	
44.5																		2/3 very poor recovery	
45.1	0.9	0																mod & rock	
46.5	0.2	0																V. poor recovery	
47.7	0.1	0																"	
49.1	0.3	0																"	
50.0	0.3	0																"	
51.2	0.6	0																	
52.1	0.3	0																	
53.6	1.4	0.6																	
55.2	1.2	0.8																	
56.7	1.4	0.6																	
58.2	1.5	0.8																	
59.7	1.5	0.5																	
61.3	1.4	0.7																	
62.8	1.4	0.1																	
64.3	1.5	1.2																	
65.8	1.5	0.8																	
67.4	1.4	0.8																	
68.9	1.5	0.6																	
69.8	0.8	0.1																	
70.4	0.5	0.1																	
71.9	1.5	0.4																	
72.8	0.9	0.2																	
73.5	0.7	0.2																	
74.5	0.9	0.3																	
75.6	1.1	0																	
76.5	0.9	0.3																	
77.7	1.2	0.9																	

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91-G-40 (VV)

Reference Fabric Orientation Diagram:

Project: _____

Location: Grum Pit

Claim: _____

Terr. Plane Co-ords.: 6060.2 N

2702.9 E

Grid Co-ords: _____

Elevation: 1277.1

All symmetry determinations looking

Total Depth: 93.0

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	<u>CORE</u> From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91-G-40
2 8

Diamond Drill Core Log Date: APRIL 91 Logged By: R. WRIGHT

Code	Drillhole	Elevation				Northing				Easting				Units (feet/metres)		R.F.E
I	2	8	10	16	17	24	25	32	34	39	41	42				
T																

Code	Drillhole	Depth				Zenith Angle	True Azimuth				Comments
I	2	8	10	14	22	26	28	32	34		56
R				0.0	-9.0	0				AT COLLAR	VERTICAL
R				93.0	-89.4	00.4				END OF HOLE	
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											
R											

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions													
I	2	8	10												56

Code	From	To	Recov.	No.	Unit	Description
110	1416	2022	2426	2830	3435	
	1255	1369		1	84 86	TRICLONED - NO RECOVERY OVERBURDEN - MAINLY GRANITE COLLAPSED 25.5-36.9
	1369	1399		2	14	SEMI MASSIVE PYRITE + WHITE QTZ MATRIX - BROKEN CORE
	1399	1401			72	RIBBON BANDED GRAPHITIC QUARTZITE - BROKEN CORE
	1401	1422			77	PALE BUFF BROWN (GREEN) ALTERED PHYLLITE - BROKEN CORE
	1422	1457			12	W BANDED GRAPHITIC QUARTZITE - BROKEN MINOR GULGE
	1457	1491			72	PYRITIC "SAND" (1m) + FRAGMENTS GRANITE (CASE) ? FAULT
	1491	1506			15	ZGCX GRADE M
						MASSIVE PYRITIC SULPHIDES - TECTONIC BRECCIA WITH F. GR. PYRITE FRAGMENTS (ANGULAR TO SUBROUNDED) 1-4 CM IN FINE GRAINED PYRITE MATRIX + SPHALERITE + GALENA NO LIMONITE OR OXIDATION - SLIGHTLY POROUS - FAIR CORING.
	1506	1582		7	2	P GRADE W
						GREY/BLACK RIBBON BANDED GRAPHITIC QUARTZITE WITH HEAVY (W30%) DISSE PYRITE. FOLIATION 60° CORE WELL JOINTED WITH FEW PATCHES BROKEN - MIN 53.6 - 53.9 FAULT. CORE IS VUGGY (3%). TRACE CHALCOPYRITE
	1582	1645		8	2	(72) GRADE W
						GREY/BLACK RIBBON BANDED GRAPHITIC QUARTZITE - WELL JOINTED TO BROKEN. - FAULT ZONE - PYRITE (W20%) TRACE CHALCOPYRITE. S ₂ FOLIATION 65° 64.1 - 64.3 VERY BROKEN FAULT - WATER RETURN LOST.
	1645	1693		19	2	
						GREY/BLACK RIBBON BANDED GRAPHITIC QUARTZITE 20% F. GR. PYRITE IN SILICEOUS BANDS - WELL LAMINATED IN PLACES - GOOD CORING.

DDH 9 - G.4.0
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 410Date: AP 15/91 Logged By: D.T.

Code	From		To		Recov. No.	Unit	Description			
	10	14	16	20				22	24	26
							TRACE PY - FOLIATIONS (S ₂) 69°			
	169	3	169	5	16	172	GRADE W			
							FAULT - GULLGE AND BROKEN RIBON BANGED GRAPHIC QUARTZITE - NO ANGLE -			
	169	5	170	9	17	144	QZG GRADE L			
							CREAM COLOURED METASARITE WITH BANDS RICH IN GREEN EUCHRITE - 20% GREY/WHITE QUARTZ VEIN WITH SPHALERITE (5%) GALENA (3%) PYRITE (10%) FOLIATION 49° BRAKEN CORE MINOR GULLGE -			
	170	9	172	3	18	152	QZG GRADE L			
							PAGE BUFF BROWN ALTERED PHYLLITE - WEAKLY SILICIFIED WITH TRACES DESS. SPHALERITE/GALENA - JOINTED/BROKEN TO 71.6 THEN FAIR CORING. FOLIATION ~ 70°			
	172	3	173	9	9	172	(52Q) FAULT //			
							FAULT - BROKEN AND LOST CORE WITH PROMINENT GULLGE FAULT 72.8m. ROCK IS ALTERED PALE BUFF BROWN AND GREY PHYLLITE WITH PATCHES WHITE QUARTZ VEINING AT HIGH ANGLE.			
	173	9	181	4	110	1210	→ 52QK			
							LIGHT GREY NON CALCAREOUS MUSCOVITE CHLORITE PHYLLITE (60%) WITH PATCHES LIGHT BUFF BROWN ALTERED PHYLLITE (35%)			

DDH 91.G.46.
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 35 10

Date: Apr 16/91 Logged By: D.T.

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
												UP TO 30cm PATCHES WHITE VEIN QUARTZ + CLOTS ANKERITE (LIGHT BROWN) MAINLY PARALLEL TO FOLIATION (~70°). WELL JOINTED CORE BROKEN IN PLACES
	188	4		913	0					1210		→ 52 (72) FAULT ZONE MUSCOVITE CLORITE PHYLLITE + SECTIONS ALTERED PHYLLITE AT ABOVE BUT NO QUARTZ - VERY STRONGLY JOINTED TO BROKEN CORE MINOR GOUGE. FOLIATION ~80° E O H.

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	1	1316		1	1319	6145	1319	13		10		1	A
		1319		1	1412	15410		12		10		1	1512
		1412		1	1413	15411		11		10		1	2
		1413		1	1415	15412		12		11		1	2
		1419		1	1510	15413		11		11		1	151
		1510		1	1512	15444		11		10		1	21
		1512		1	1513	15445		11		11		1	2
		1513		1	1515	15446		11		11		1	2
		1515		1	1516	15447		11		11		1	2
		1516		1	1518	15448		11		10		1	2
		1518		1	1519	15449		11		11		1	2
		1519		1	1611	15510		11		11		1	2
		1611		1	1613	15511		11		11		1	2
		1613		1	1614	15512		11		11		1	2
		1614		1	1615	15513		11		11		1	2
		1615		1	1617	15514		11		11		1	2
		1617		1	1618	15515		11		11		1	2
		1618		1	1619	15516		10		10		1	2
		1619		1	1710	15517		11		11		1	44
		1710		1	1712	6145518		11		11		1	52

DDH 91-640
2 8

CURRAGH RESOURCES INC. Structural Log

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Date: Apr 16/91 Logged By: J. TENNEY

Code	From		To		Feature SYE	S ₀		S ₁		S ₂		Description			
	Dip	Direct.	Dip	Direct.		Dip	Direct.	Dip	Direct.						
1	10		14	16	20	22	24	26	28	32	34	38	40	44	
					139	7							511	151	
					145	6							511	111	
					150	2							512	111	
					154	9							616	111	
					159	3							711	111	
					162	8							712	111	
					165	8				218	311	111	719	111	
					168	6							615	111	
					175	8							715	111	
					180	9							511	111	
					1816	2							611	111	
					1911	7							710	111	

Fault Log

Date: APR 16/91 Logged By: J. TENNEY

Code	FROM			TO (At)			Feature	REC	UPPER			INTERNAL			LOWER			Description
	10	14	18	20	22	24			28	28	32	34	38	40	44			
	10	13.6		9														o/B
	13.6	14.5		7	B31G													MINOR GULGE
	14.5	14.5		8	G131													WHITE/QTZ SAND.
	14.5	14.9		7	N11													GRANITE CHIPS (LAVE!)
	14.9	15.0		6	J121													
	15.0	15.3		6	B124													
	15.3	15.3		9	R111													
	15.3	15.5		9	B131													
	15.5	15.7		7	J111													
	15.7	15.7		8	B121													
	15.7	15.9		9	B111													
	15.9	16.0		9	R124													
	16.0	16.4		7	B121													
	16.4	16.4		5	R131G													FAULT.
	16.4	16.4		5	B131													
	16.4	16.8		5	J111													GOOD DRIVING.
	16.8	16.9		5	B111													
	16.9	16.9		5	R121G													FAULT.
	16.9	17.5		5	B131R													
	17.5	18.3		5	B121													
	18.3	18.5		5	B131													
	18.5	18.7		5	B121													
	18.7	18.9		2	B121R													
	18.9	19.3		0	R111B													FAULT ZONE
																		ECH.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-41 (SS)

Reference Fabric Orientation Diagram:

Project: _____

Location: GRUM PIT

Claim: _____

Terr. Plane Co-ords.: 6243.9 N

2759.7 E

Grid Co-ords: _____

Elevation: 1289.0

All symmetry determinations looking

Total Depth: 100.6

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91-G-41
2 8

Diamond Drill Core Log Date: APRIL 91 Logged By: R. WRIGHT

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.						
I	2	8	10	16	17	24	25	32	34	39	41	42
T												

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments						
I	2	8	10	14	22	26	28	32	34	56	
R		00	-90	•	•	AT COLLAR	VERTICAL				
R		100.6	-88	5	961.0	END OF HOLE					
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						
R				•	•						

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions		
I	2	8	10	56

Code	From	To	Recov.	No.	Unit	Description
	1 10	14 16	20 22 24 26 28 30	34 35		
	100	1401			1814	TRICONES.
	1410	1419			1816	MAINLY GRANITE Boulders & FRAGMENTS - MINOR LIGHT BROWN SILT
	1494	1530			1512 Q	GRADE W PALE GREEN STRONGLY FOLIATED (~45°) ALTERED PHYLLITE PATCH BROKEN WHITE VEIN QUARTZ - CORE BROKEN & MUDDY MUCH LOST CORE.
	1530	1537			1210	GRADE W MUDDY GREY/BLACK MUSCOVITE CHLORITE PHYLLITE BROKEN & LOST CORE - NOW CALCAREOUS PARTLY BRECCIA UPGR CONTACT 20°
	1537	1552			4 ZGX	GRADE - M/L DULL BRASSY BROWN PYRITE (50%) AS FRAGMENTS AND SLS. IN GREY QUARTZITE FINE (<1cm) FRAGMENTAL TEXTURE AT START - COARSER TOWARDS END - SPHALERITE AND GALENA IN MORE SILENT SECTIONS MAINLY ALONG S2 FOLIATION FAIR CORING BUT JOINTED
	1552	1585			4 ZG	GRADE M/L AS ABOVE BUT MINOR FRAGMENTAL TEXTURE - BANDING (S2) AT LOW ANGLES TO CORE - PATCHES HEAVY SPHALERITE/ GALENA - FAIR CORING MINOR BREAKAGE IN FEW PLACES - HIGH GRADE PATCH AT END.

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2 8CURRAGH RESOURCES INC.
Lithologic LogPage 4 of 13Date: Apr 22/91 Logged By: D. TENNEY

Code	From	To	Recov.	No.	Unit	Description	
1	10	14	16	20	22 24 26 28 30	34 35	
	585	16100				1512	q GRADE W
							LIGHT BROWN SILICIFIED ALTERED PHYLLITE WITH QUARTZ + SERICITE - BROKEN AND LOST CORE - BLACK PHYLLITE SAND AT START.
	16100	16133				1714	(52/20) GRADE W
							BROKEN AND LOST CORE MINOR GOUGE - FAULT ZONE S2 FOLIATION 40°
	16133	16134				12D	q, QZG GRADE H/V
							PATCH OF GREY PHYLLITE INTENSELY SILICIFIED (50%) MINOR VEIN QUARTZ - DISSEMINATED PYRITE (10%) SPHALERITE (15%) GALENA (5%) - FOLIATION 35°
	16134	16145				1712	(74) 50:50 FAULT GRADE W
							GREY MUD WITH FRAGMENTS PALE GREEN ALTERED PHYLLITE FEW FRAGMENTS WHITE QUARTZ VEIN (BROKEN)
	16145	16165				15	BIGX → 7 GRADE H
							FINE GRAINED BRASSY YELLOW PYRITE + GREYER BANDS RICH IN BARITE. - WELL DEVELOPED FRAGMENTAL TEXTURE (TECTONIC SPECIES) IN FEW PATCHES - SOME COARSER FRAGMENTS (4CM) BRASSING (S2 FOLIATION) IN BARITIC SECTIONS 42° UGGY IN PLACES PYRITIC SECTIONS PARALLEL

DDH 9 - G.H. 1
2 8CURRAGH RESOURCES INC.
Lithologic Log

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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	16165	16176							15		GRADE - L?
											MASSIVE DULL BRASSY YELLOW PYRITE - MAINLY SAND WITH SOME REMNANT SECTION FRIABLE MASSIVE PYRITE - LEACHED GRADE QUESTIONABLE
	16176	16179							15	ZGX	GRADE V
											BRASSY YELLOW MASSIVE PYRITE BRECCIA WITH UP TO 5CM SUB-ROUNDED FRAGMENTS - HEAVY DISSEMINATED SPHERULITE & GALENA IN PATCHES - FAIR/GOOD CORING
	16179	16184							12	YX	GRADE - W
											BRECCIA - MANY SMALL (<1cm) AND FEW LARGE (5cm) SUB-ROUNDED TO SUBANGULAR FRAGMENTS OF PYRITIC SILICIFIED WEAKLY GRAPHITIC QUARTZITE IN PYRITIC AND SILICIFIED MATRIX. TRACES FINE GRAINED LIGHT BROWN SPHALERITE - V. GOOD CORING.
	16184	17129							12		GRADE - W
											GREY RIBBON BANDED NOT VERY GRAPHITIC QUARTZITE - FEW PATCHES FINE GRAINED PYRITE - FOLIATION AT LOW ANGLE TO 70-90° (~20°) THEN MUCH STEEPER (45°). MODERATE CORING FEW BROKEN - TRACES SPHALERITE - PARTLY SILICIFIED. MINOR FRAGMENTAL TEXTURE
	17129	17186							12	Y	GRADE - W
											AS ABOVE - HEAVY PYRITE (20%) - FOLIATED AT LOW ANGLE (~20- 25°) - MINOR SECTIONAL FRAGMENTAL TEXTURE - BOTH FINE (<1cm)

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30	34 35
						CORING MODERATE/GOOD WITH FEW BROKEN SECTIONS
	7186	17198				13
						9ZG(S) 70:30 GRADE H/V
						GREY QUARTZITE WITH HEAVY RED SPHALERITE
						20% BASS. F.G.R PYRITE - PATCHES BRASSY YELLOW FINE
						GRAINED PYRITE WHICH ARE LEACHED, POROUS ULLGUY
						AND ? UNMINERALIZED FOLIATION WEAK 56° - GOOD CORING
	7198	18107				15
						GRADE W
						FINE GRAINED PYRITIC SULPHIDES WITH FINE GRAINED FRAGMENTAL
						TEXTURES IN FEW PLACES (SEE 80.4-80.5) TRACES SPHALERITE
						AND GALENA - CORE LEACHED POROUS MODERATELY FRIABLE
						BUT NO SAND IN BOX - FAIR CORING. GRADE ESTIMATE QUESTIONABLE
	18107	18113				12
						ZGg GRADE V
						GREY BLACK FINELY FOLIATED SILICIFIED WEAKLY GRAPHITIC QUARTZITE
						"M" FOLDS (FOLD NOSE). VERY HEAVY RED SPHALERITE/PYRITE/
						GALENA IN MORE SILICEOUS ZONES - LAST 30 CM NEARLY
						MASSIVE SULPHIDES. - FAIR CORING.
	813	18123				12
						9PX GRADE W
						GREY BLACK SILICIFIED QUARTZITE BRECCIA - WEAKLY
						CARBONACEOUS. VERY STRONG BRASSY YELLOW DISSEMINATED
						PYRITE (30%) IN TECTONIC BRECCIA FRAGMENTS - MATRIX SIMILAR -
						FRAGMENTS (0.5 - 20.0CM) - SMALLER ARE ANGULAR LARGE ONES

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30	34 35
	8123	8128				12 g PZG GRADE V
						SIMILAR TO 80.7-81.3 - LESS FOLIATED - MORE MASSIVE SULPHIDES
						80.7 - CONTACT AT 11°; 82.8 CONTACT FOLDED N 25°, ALMOST NO
						CARBONACEOUS MATERIAL - FEW CLOTS GREY QUARTZ - MATRIX IS
						SILICIFIED. - CORE HAS TYPICAL REDDISH TINGE ASSOCIATED WITH
						HIGH GRADE ZINC ORE. GOOD CORING
	8128	8140				12 g PX GRADE - C
						SAME AS 81.3-82.3 - FRAGMENTS NOT AS LARGE.
						FAIR CORING - MODERATE JOINTING.
	8140	8153				15 g ZG → S GRADE - H
						BRASSY YELLOW MASSIVE FINE GRAINED PYRITE + AISL FLOR
						ZNS + PbS WITH GREY SECTIONS SILICIFICATION TINGED RED WITH
						VERY HEAVY SPHALERITE + GALENA. - CORE IS POROUS AND
						VUGGY (4%). - GOOD CORING
	8153	8176				15 GRADE - L
						MASSIVE PALE BRASSY YELLOW FINE GRAINED PYRITE LEARNED &
						POROUS. - SOMEWHAT FRIABLE - FAIR CORING BROKEN AND FRIABLE
						WITH MINOR LOST CORE AT START. THERE IS AN EXCESS
						OF PYRITE SAND IN THIS SECTION, CONTAINING VERY POROUS
						FRAGMENT MASSIVE PYRITE. - HOWEVER SOLID CORE ENDS
						MATCHED IN TWO CASES SO PYRITIC SAND IS NEARLY ALL
						CAVE - NO MEASUREMENT ERROR IS PRESENT - GEOTECHNICAL

DDH 9-6.4.1
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 8 13
8
Date: _____ Logged By: _____

From	To	Recov.	No.	Unit	Description
1817.6	1817.8			13	ZG GRADE - ✓ RED/BROWN HEAVILY MINERALIZED GREY QUARTZITE - SILICIFIED WITH SPHALERITE, (20%) PYRITE (15%) GALENA (MINOR)
1817.8	1818.4			12	Y GRADE W GREY - BLACK RIBBON Banded CARBONACEOUS QUARTZITE - SILICIFIED AND WEAKLY CARBONACEOUS - PALE BRASSY YELLOW FINE GRAINED PYRITE (20% DISSEMINATED) AND MASSIVE IN PATCHES FAIR CORING MODERATE JOINTING. - FOLIATION 46°
1818.4	1915.6			15	P(20) 70:30 GRADE W PALE GREEN SILICIFIED ALTERED PHYLLITE + QUARTZ SERICITE, TALC CHLORITE - 3% DISSEMINATED PYRITE - MIXED WITH SECTIONS GREY MUSCOVITE CHLORITE PHYLLITE - CORE MODERATELY JOINTED + BROKEN IN PLACES - FAIR CORING. NON CALCAREOUS.
1915.6	1010.6			12	Qg GRADE W GREY + BLACK MUSCOVITE CHLORITE PHYLLITE WITH MINOR GRAPHITE UP TO 20CM SECTIONS WHITE VEIN QZ. STRONG JOINTING FAIR/POOR CORING, MINOR BROKEN CORE + MUD. NON CALCAREOUS. FOLIATION 54° 100-6 E.O.H.

ASSAY LOG (SAMPLER'S COPY)

Date 10/22/91

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
	1537	1552	64665	115	112	4	
	1552	1567	6666	113	113	4	
	1567	1585	6667	118	113	4	
	1633	1643	6668	112	10	20	
	1643	1665	6669	120	11	5	
	1665	1675	670	117	104	5	
	1675	1684	671	108	108	2	
	1684	1699	672	115	115	2	
	1699	1714	673	115	115	2	
	1714	1728	674	115	115	2	
	1728	1741	675	115	115	2	
	1741	1753	676	117	114	2	
	1753	1772	677	114	117	2	
	1772	1786	678	114	114	2	
	1786	1793	679	112	112	3	
	1793	1807	680	109	109	5	
	1807	1813	681	106	106	2	
	1813	1822	682	110	110	2	
	1822	1828	683	105	105	2	
	1828	1840	684	112	112	2	
	1840	1853	685	113	113	5	
	1853	1865	686	112	111	5	
	1865	1876	687	117	117	5	
	1876	1878	688	102	102	3	} SAMPLE SOLID CORE ONLY LEAVE PYRITE SAND (CAVE) IN BOX
	1878	1884	64689	106	106	2	

Code	From		To		Feature SYM	S ₀ Dip Direct.		S ₁ Dip Direct.		S ₂ Dip Direct.		Description		
	10	14	16	20		22	24	26	28	32	34		38	40
				159	8	PIS12						516		
				162	0	PIS12						411		
				165	2	PIS12						412		
				167	9							412		CONTACT
				169	9	PIS12						210		
				171	0	PIS12						419		
				173	5	PIS12						314		
				177	3	PIS12						210		
				177	7	PIS12						215		
				179	5	PIS12						516		BANDING IN SCLEROSITES ? P12
	180	7		181	0	PIS12								NORSE OF FOLD $\sim \pm 20^\circ$
				182	8							215		CONTACT - FOLDED $\sim 25^\circ$
				185	3	PIS12						68		BANDING IN MASSIVE PYRITE
				188	0	PIS12						46		
				190	9	PIS12						610		
				192	7	PIS12						515		
				196	2	PIS12						514		
				198	7	PIS12						610		

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-42 (TT)

Reference Fabric Orientation Diagram:

Project: _____

Location: _____

Claim: _____

Terr. Plane Co-ords.: 6242.9 N

2798.6 E

Grid Co-ords: _____

Elevation: 1292.9

All symmetry determinations looking

Total Depth: 103.6

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30	34 35
	160	1396			84	OVERBURDEN - NO RECOVERY - TRICONES
	1396	1472			86	OVERBURDEN - GRANITE Boulders UP TO 20 CM - IN LIGHT BROWN SILTY SAND
	1472	1475			120	g → 2 BLACK MUSCOVITE QUARTZ CHLORITE PHYLLITE - WEAKLY CARBONACEOUS - SILICIFIED - CORE BROKEN AND WEAKLY OXIDIZED - NON CALCAREOUS
	1475	1491			160	L* WHITE QUARTZ VEIN WITH MINOR LIMONITE - WEATHERED AND BROKEN CORE - NON CALCAREOUS
	1491	1495			152	L* BUFF BROWN / PALE GREEN ALTERED PHYLLITE + QUARTZ MUSCOVITE MINOR LIMONITE - RUSTY IN PLACE + WEATHERED BROKEN CORE. TRACES PYRITE. - NON CALCAREOUS
	1495	1503			210	g DARK GREY / GREEN MUSCOVITE CHLORITE PHYLLITE - BROKEN CORE. NON CALCAREOUS
	1503	1506			174	(44) FAULT RUBBLE WITH FRAGMENTAL METABASITE + GREEN FUCHSITE.
	1506	1514			174	(72) 2 Q FAULT DARK GREY / BLACK TECTONIC BRECCIA WITH FRAGMENTAL TEXTURE

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30	34 35
						MOSTLY BROKEN CORE + FAULT GOUGE - FRAGMENT: GREY/BLACK RIBBON BANDED WEAKLY CARBONACEOUS QUARTZITE AND WHITE VEIN QUARTZ
	5148	5153			714	(2)(SZG) FAULT GRADE L BRECCIA AS ABOVE WITH ANGULAR FRAGMENTS MASSIVE PYRITE + SPHALERITE/GALENA - 1-2cm WHITE QUARTZ VEINING (30%) JOINTED/BROKEN CORE. - NON CALCAREOUS.
	5153	5161			714	(20Qg) FAULT GRADE W LIGHT BROWN TO GREY FAULT BRECCIA. - RUBBLE + JOINTED CORE
	5161	5170			512	g. ls ZG. GRADE L PALE GREEN/GREY ALTERED PHYLLITE - FOLIATED 66° - BANDED, STREAKS AND DISSEMINATIONS RED SPHALERITE/GALENA. - MINOR SERICITE AS LIGHT BROWN STRINGERS // S2. - FAIR/GOOD CORING
	5170	5187			210	Q GRADE W GREY TO DARK GREY/GREEN NON CALCAREOUS MUSCOVITE CHLORITE PHYLLITE WITH PATCHES AND VEINS WHITE/GREY QUARTZ GOOD CORING. FOLIATION 61°
	5187	5188			714	FAULT GRADE W FAULT BRECCIA + PALE GREY FAULT GOUGE - UPPER CONTACT UNDULATING 31°

Code	From	To	Recov.	No.	Unit	Description	
1	10	14	16	20	22 24 26 28 30	34 35	
	1518	8	1519	8		52	GRADE W
							PALE GREEN/BROWN ALTERED PHYLITE WEAKLY SILICIFIED // S2 FOLIATION (40°) - TINN (1MM) STRINGERS LIGHT BROWN SIDERITE MAINLY // S2. FAIR CORING MINOR GOUGE IN S2 PARTINGS - MORE SILICIFIED WITH VEIN QUARTZ AT START
	1519	8	1710	7		52	gsQ → 20 GRADE W
							GREY TO DARK GREY/GREEN MUSCOVITE QUARTZ CHLORITE PHYLITE - SLIGHTLY ALTERED AT START AND IN LARGE SECTIONS THROUGHOUT - ALTERATION INCLUDES PALE GREY SILICIFICATION WITH BUFF BROWN SERICITE BANDS STRINGERS AND STREAKS (1mm) MAINLY // S2 FOLIATION - FEW PATCHES GREY VEIN QUARTZ WITH OR WITHOUT MINOR PALE BROWN ANKERITE. - CORE IS NON CALCAREOUS AND CORING GOOD - FOLIATION (72°, 65°)
	707		716	2		20 L (60LR)	85:15 GRADE W
							GRADATION FROM ABOVE INTO DARK GREEN/GREY MUSCOVITE CHLORITE PHYLITE - PATCHES AND VEINS WHITE AND PALE GREY QUARTZ (15%) - TRACES PYRROPHILITE - FOLIATION (68°, 77°) GOOD CORING.
	716	2	814	1		20 L	GRADE W
							AS ABOVE MINOR WHITE QUARTZ (3%) VEINS/PATCHES. CORING GOOD BUT MORE JOINTED FROM 79.9m FOLIATION (77°, 79°, 74°, 76°, 77°)

DDH 9-G.4.2
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 6 12

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28	30 34 35	
	1814	1814			712	FAULT GRADE W.
						LIGHT GREY FAULT GOUGE AT HIGH ANGLE - UPPER CONTACT
						76°
	1814	1817			210	GRADE W
						GREY GREEN MUSCOVITE CHLORITE QUARTZ PHYLLITE - NON CHALCAREOUS. - MINOR WHITE QUARTZ + PALE BROWN ANKERITE VEINING. - FAIR TO GOOD CORING WITH MODERATE TO STRONG JOINTING NEAR ALTERATION TOWARDS END. FOLIATION (64°, 76°, 83°)
	1819	1916			1512	→ 20 GRADE W
						PALE GREY / GREEN / BROWN ALTERED PHYLLITE WITH STREAKS AND STRINGERS (1mm) BROWN SERICITE. WEAKLY CHLORITIC. MINOR WHITE QUARTZ VEINING (3%) MODERATE TO STRONG JOINTING MINOR BROKEN CORE - TRACES GOUGE - SPECKS CHALCOPYRITE IN QUARTZ VEIN. - FOLIATION (76°, 84°, 73°, 84°)
	1916	1917			714	(72) FAULT GRADE W
						WHITE AND GREY FAULT GOUGE, BRECCIA, BROKEN CORE (FOLATED GREY PHYLLITE)
	1917	1918			15	ZG9 GRADE H
						MATIVE BRONZE BROWN / BRASSY YELLOW PYRITIC SULPHIDES WITH HEAVY SPHALERITE / GALENA MINERALIZATION - BROKEN AT START AND END

DDH 9-6.4.2
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 7 12

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24 26 28 30			34 35	
	9180	9188			714	(72) FAULT GRADE L
						FAULT BRECCIA, FAULT GOUGE, BROKEN CORE. - CLASTS INCLUDE MINERALIZED MASSIVE PHYLITE, SILICIFIED PHYLITE, (+ SPHALERITE) AND GREY PHYLITE. - LOWER CONTACT ~ FOLIATION 66° - INCIDENTAL ANGLE 54°
	9188	110104			1210 _g	GRADE W
						GREY MUSCOVITE QUARTZ CHLORITE PHYLITE - WELL FOLIATED STRONGLY JOINTED PARTLY BROKEN. - FOLIATION 70° - NON CALCAREOUS
	110104	110118			1512 _s Q	GRADE W
						RUFF BROWN AND GREY ALTERED PHYLITE WITH IRREGULAR PATCHES WHITE QUARTZ VEINING. - ALTERATION INCLUDES PALE BROWN SERICITE, MUSCOVITE + TRACE CHALCOPYRITE. - MAINLY FAIR CORING + SOME BROKEN. - FOLIATION 52° - NON CALCAREOUS
	110118	110127			1714	(72) FAULT GRADE W
						WHITE/GREEN FAULT BRECCIA + GOUGE WITH FRAGMENTS (LARGE CLASTS?) PALE GREEN PHYLITE.
	110127	110136			210 _g 2 → 2	GRADE L
						GREY STRONGLY SILICIFIED MUSCOVITE QUARTZ CHLORITE PHYLITE WITH DISSEMINATED SPHALERITE/GALENA. JOINTED/BROKEN CORE. FOLIATION 58° - MINOR RIBBON BANDING, NOT CARBONACEOUS. NON CALCAREOUS.
						103.6

DDH 91-442
2 8

CURRAGH RESOURCES INC.

Logged by D. TENNEY

ASSAY LOG (SAMPLER'S COPY)

Date May 8/91 Sampled by _____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
110	14 16	20 22	26 28	30 32	34 36	40 42	
	54 8	55 3	64 7 6 2	0 5	10 4	7 14	
	55 3	56 1	7 6 3	0 8	10 7	7 14	
	56 1	57 0	7 6 4	0 9	10 9	5 2	
	97 0	98 5	7 6 5	10	11	1 5	
	98 5	98 5	7 6 6	10 2	10 5	7 14	
	110 2 7	110 3 6	64 7 6 7	10 9	10 9	12 10	

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-43 (HH)

Reference Fabric Orientation Diagram:

Project: _____

Location: GRUN PIT

Claim: _____

Terr. Plane Co-ords.: 6183.2 N

2777.1 E

Grid Co-ords: _____

Elevation: 1287.4

All symmetry determinations looking

Total Depth: 80.8 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

DDH 91G-43
2 8

Diamond Drill Core Log

Date: APRIL 91 Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E
I	2	8 10	16 17	24 25	32 34	39 41 42
T						

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2	8 10 14 22 26 28 32 34			
R		0.0	-78.0		AT COLLAR
R		79.2	-82.8	221.0	END OF HOLE
R					
R					
R					
R					
R					
R					
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R					
R					
R					
R					
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R					
R					
R					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	2	8 10 5

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
	9.0	32.9			84	CASING
	32.9	35.7			86	70 Boulders & clay very poor recovery
	35.7	38.8			54	$b \pm P \pm g \pm L \rightarrow 52$ 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 individual silicified 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	$\pm g \pm P \pm b \pm GZ$ 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 gray and hosts variable amount of Pyrite and locally minor galena and traces of sph. Biotite as medium to fine grains are rare. Both biotite and siliceous bands commonly define a crude to well

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
												Unit is generally strongly broken and has good recovery. Upper contact is noted as the loss of biotite abundance from upper part. Lower contact is marked by irregular quartz vein.
	44.5	48.4			160	$\pm P \pm R \pm GZ$						N
												White with medium to dark gray clasts constituting 15-20% of unit. Unit hosts traces clastic pyrite, grains of P_0 and very rare occurrences of $PbZn$. 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			154	$\pm g P \pm g PGZ$						N \rightarrow L
												Light gray to green, non-calcareous sericitically and chloritically altered phyllite is P_5 foliated, moderately soft and very strongly broken. Unit hosts 2-3% strongly silicified bands and veins, hosting 1% pyrite and rare occurrences of $PbZn$. Siliceous bands are 1-2mm wide and generally trace S_2 . Recovery is fairly good. Upper contact is crushed, lower contact is sharp and $\parallel S_2$. Nuggets over 1% expected.

Core	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	99.5	AA. 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 gray phylite at upper and lower contacts that display no alteration adjacent vein. Recovery is good. Upper contact is sharp and // S ₁ , lower contact is gouge bound and trends 355°/40° w/ S ₁ , S ₂ trends @ 80° w/ r.A.					
	AA. 8	50.7			72	±c 54 ± c (54 ± q ± P ± Z 6 ± d) 60:40 N					
						Interval is gouge dominated and it 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 clots of silicification. Silicification is associated with rare clots of Py and very rare very fine grained clotted clusters of PbZn. Gouge is moderately to slightly calcareous and is light greenish yellow with a hint of gray. Recovery is poor. Upper contact trends @ 355°/40° w/ S ₁ and lower contact trends 335°/45° w/ S ₁ .					

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Core	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
	50.7	59.0							20	$\pm s \pm l \pm b$ (20Qwk \pm PGZ b) 85:15 N
										Medium gray, non-calcareous phylite is P ₂ 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-carbonate veins. Biotite alteration is rare. Interval hosts 15% 0.5-7.0cm white quartz-carbonate veins. Sporadic occurrence of P ₁ 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 of upper unit and trends @ 355/45 west S ₂ lower contact is sharp and // S ₂ .
	59.0	59.5							20	$\pm g \pm PGZ \pm b \pm \rightarrow 54$ N
										Medium gray to light greenish gray non-calcareous unit contains a gradational alteration package. Moderate sericitic and chloritic alteration with sporadic silicification, P ₁ , Pb+Zn and biotite all become progressively weaker and less common down hole. Sphides and biotite are sporadic and are less than abundant at base. 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 grad disd over 25cm.

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	59.5	5	60.5						20		Qwk P
											Medium to light gray non-carbaceous phyllite is PS ₂ foliated and hosts 2-3% 0.5-3.0 cm quartz-dolomite calcite veins toward N ₂ and hosts clotted Py. Rock is slightly to moderately soft, moderately to strongly broken and has good recovery. Upper and lower contacts are gradational with alteration increasing away from this unit.
	60.5	5	62.4						54		±g P ± 2GR N-SL
											Light greenish yellow slightly gray, non-carbaceous 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 PbZn and Po are less common and rarely consistent, up to 1% over 10cm. PyL 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. No portion should assay over 1%.

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CURRAGH RESOURCES INC.

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Code	From		To		Recov.	No.	Unit	Description		
	10	14	18	20					22	24
	62.6		64.3				20	(72) 90:10 Medium gray, non-calcareous phyllite is RS foliated and hosts 10-15% gouge occurring in 0.5-1.0cm bands. Most common above 63.4m. Rock is moderately to slightly soft to tough, to moderately broken and has good recovery. Upper and lower contacts are gradational with alteration from above and below altered phyllites.		
	64.3		65.4				54	±g P Light greenish yellow, slightly gray, non-calcareous phyllite is moderately to strongly sericitically altered and locally chloritically altered. Unit hosts 15% silicified wisps and bands < 1.0cm wide. Siderite is medium to slightly dark gray and contains 1-2% pyrite. P512a is not visible but suspect to be very fine grained within silica. Upper and lower contacts are gradational at 10's of cm.		

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 Lithologic Log

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Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
	105	4	80	8					29	P ± Qwk (72) 9B:02
										Medium gray non-calcareous phyllite is ps foliated and host trace 1% pyrite. Unit contains 1-2% quartz. Adularia veins from 0.3-3.0cm wide and generally tracing S ₂ . Unit hosts 2% gouge in 0.5-2.0 cm beds generally // S ₂ . Upper contact is grad. beds.
			80	8						SH

ASSAY LOG (SAMPLER'S COPY) Date Mr '91

CODE	FROM				TO				SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
	1	10	14	16	20	22	26	28						30
		0.0			38.8									WASTE
		38.8			40.1			64655				54		$\pm g \pm P \pm b \pm 2g$
		40.1			41.4									WASTE
		41.4			43.2			656				54		$\pm g \pm P \pm b \pm 2g$
		43.2			44.5			657				54		$\pm g \pm P \pm b \pm 2g$
		44.5			44.8			658				60		$\pm 2GP$
		44.8			47.2									WASTE
		47.2			48.3			659				60		$\pm 2GP$
		48.3			49.5			660				54		$\pm g P \pm g P 62$
		49.5			54.9									WASTE
		54.9			55.6			661				20		$\pm s \pm l \pm b (200 \mu k \pm P 62 b)$
		55.6			59.0									WASTE
		59.0			59.5			662				20		$\rightarrow 54 \pm g P 26$
		59.5			60.5									WASTE
		60.5			62.6			663				54		$\pm g P \pm 2GR$
		62.6			64.3									WASTE
		64.3			65.4			64664				54		$\pm g P$
		65.4			80.8									WASTE
					80.8									FOH

I-Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description						
	10	14	16	20					22	24	25	28	32	34
				39.0	PS2								60	
				42.0	CS2 S		015	30	010				65	
				49.0	PS2								78	
				55.7	CS2 Z			18	250				68	
				59.0	PS2		075						60	
				61.0	CS2 S1			12	000				81	
				70.7	PS2		080						75	
				75.3	PS2								77	
					PS2								79	
														END @ 80.8

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-44 (X)

Reference Fabric Orientation Diagram:

Project: _____

Location: Grum Pit

Claim: _____

Terr. Plane Co-ords.: 6303.9 N

2733.6 E

Grid Co-ords: _____

Elevation: 1283.7

All symmetry determinations looking

Total Depth: 120.4

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91G-44
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Diamond Drill Core Log Date: APRIL 91 Logged By: R. WRIGHT

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E
I	2	8 10	16 17	24 25	32 34	39 41 42
T						

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2	8 10 14 22 26 28 32 34 56			
R		0.0	-9.0	0	AT COLLAR VERTICAL
R		120.1	-8.7	0	END OF HOLE
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	2	8 10 56

DDH 9-G44 (X)
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 3 15Date: MAY 6/91 Logged By: D. TENNEY

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	100	1126			184	TRICONED - OVERBURDEN NO RECOVERY						
	1126	1172			1410	1 (72)* GRADE W						
						PAGE GREEN FOLIATED CALCAREOUS MUSCOVITE CHLORITE PHYLLITE BROKEN WITH MINOR FAULT GOUGE - MINOR LIMONITE STAINING.						
	1172	1435			1410	2 GRADE W						
						AS ABOVE - TRACES LIMONITE TO 92.6M GOOD CORING WITH MODERATE JOINTING AND FEW BROKEN PATCHES. - STRONGLY FOLIATED. (62°, 63°, 65°, 67°, 63°, 52°, 59°, 62°, 56°, 54°, 51°, 56°, 63°, 52° 56°) MINOR GOUGE						
	1435	1437			1712	FAULT GRADE W						
						PAGE GREEN FAULT GOUGE UPPER CONTACT 68°						
	1437	1676			1410	2 GRADE W						
						AS 17.2-43.5 MOSTLY GOOD CORING. JOINTING STRONG IN FEW PLACES MINOR BROKEN CORE (MOSTLY ROCKS) - FOLIATION STRONG (51°, 56°, 55°, 68°, 60°, 68°, 72°, 64°, 61°, 70°, 60°, 60°, 65°, 52°) VERY CALCAREOUS ESPECIALLY ON JOINTS. - SMALL (1-2cm) SECTIONS FAULT GOUGE MAINLY S2 FOLIATION.						
	1676	1689			1210	g GRADE W						
						GREY TO DARK GREY AND BLACK FOLIATED (56°) NON-CALCAREOUS MUSCOVITE QUARTZ CHLORITE PHYLLITE WITH MINOR CARBONACEOUS MATERIAL - SO... (GREY TO BLACK / NOT NEAR SURFACE)						

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24 26 28 30	34 35		
	1618 9	1710 3			1712 (20g)	FAULT GRADE W AS ABOVE - BROKEN CORE WITH FAULT GOUGE IN PLACES 69.5 GOUGE CONTACT AT 38°
	70 3	75 3			210 g	GRADE W AS 67.6-68.9 - FAIR TO GOOD CORING WITH PATCHES STRONG JOINTING - FOLIATED (71°, 64°, 65°, 63°) - MORE CARBONACEOUS TOWARDS END
	75 3	1717 6			712 (20g)	FAULT GRADE W AS ABOVE WITH GREY FAULT GOUGE (30%) AND BROKEN CORE
	1717 6	1719 6			210 g → 30	GRADE W AS 70.3-75.3 - SLIGHTLY MORE CARBONACEOUS 3% DISSEMINATED PYRITE - FAIR/GOOD CORING WITH MODERATE JOINTING. FOLIATION 37°, 39° - SMEAR FROM 12 SURFACES GREYISH BLACK.
	1719 6	1810 5			714 (20g)	FAULT GRADE W DARK GREY/BLACK FAULT BRECCIA + GOUGE WITH FRAGMENTS AND SECTIONS WEAKLY CARBONACEOUS NON CALCAREOUS MUSCOVITE QUARTZ CHLORITE PHYLLITE
	1810 5	1810 7			210 g 26	GRADE M GREY/BLACK SILICIFIED NON CALCAREOUS WEAKLY CARBONACEOUS MUSCOVITE CHLORITE QUARTZ PHYLLITE WITH DISSEMINATED PYRITE (10%) (PHALOPITE (3%) GARNET (1%) MAINLY IN SILICEOUS BANDS.

Code	From	To	Recov.	No.	Unit	Description
	10	14 16	20 22 24 26 28 30	34 35		
						TEXTURE APPEARS COARSELY FRAGMENTAL.
	810 7	811 5			414	GRADE W BRIGHT PALE GREEN / CREAM METABASITE - FRAGILE BUT MAINLY GOOD CORING - SOME ROTTED.
	811 5	812 5			20 g.p. → 30	GRADE W SIMILAR TO 77.6-79.6 - BUT WITH FEW SILICIFIED SECTIONS CONTAINING DISSEMINATED PYRITE - MUDGEE FROM SZ SURFACES IS DARK GREY. - TEXTURED PARTLY FRAGMENTAL
	812 5	813 7			512 g.p. (44)	GRADE W BUFF BROWN ALTERED PHYLLITE (SILICIFIED + SERICITIZED + FOLIATION - FOLD NOSES) WITH HEAVY PATCHES MASSIVE PYRITE (5%) AT START - METABASITE (15%) WITH GREEN FUCHSITE - FAIR TO GOOD CORING. - METABASITE SECTIONS ROTTED.
	813 7	814 9			12 - ZGP	GRADE H/M GREY/BLACK SILICIFIED RIBBON BANDED WEAKLY CARBONACEOUS QUARTZITE. DISSEMINATED SILLARITE (8%) PYRITE (5%) GALENA (3%) CONCENTRATED IN MORE SILICEOUS BANDS - GOOD CORING.
	814 9	815 3			15 ZG	GRADE H MASSIVE DULL BRONZE BROWN / RED PYRITIC SULPHIDES WITH HEAVY SILLARITE AND GALENA - FAIR CORING BUT JOINTED

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Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
	8153	8161			2gP	GRADE L GREY AND BLACK RIBBON BANDED QUARTZITE + DISSEMINATED PYRITE (10%) SPHALERITE (5%) GALENA (2%) CONCENTRATED IN SILICEOUS SANDS - FAIR CORING - MINOR GORGE + FAULT BRECCIA AT 85.6m - FOLIATION 70°
	8161	8167			2#gs	GRADE W BUFF BROWN FOLIATED (63°) AND VERY ALTERED QUARTZITE ADJACENT TO METABASITE INTANGVE.
	8167	8187			44	GRADE L METABASITE - WHITE / PALE GREY / GREEN - GREEN FULFITE THROUGHOUT WITH SILICIFIED SECTIONS WITH DISSEMINATED SPHALERITE + GALENA (TRACES) TEXTURE FRAGMENTAL IN PLACES. FAIR CORING - MODERATE JOINTING
	8187	8192			2gZG	GRADE M DARK GREY SILICIFIED RIBBON BANDED WEAKLY CARBONACEOUS QUARTZITE TINGED RED WITH DISSEMINATED SPHALERITE (8%) + GALENA (3%) + PYRITE (4%) CHALCOPRITE (TRACE). FAIR CORING - LEACHED AT START AND END.
	8192	9105			15ZG	GRADE M/L MAINLY BARED MASSIVE PYRITE - SUGARY AND POROUS - BANDED WITH SPHALERITE AT 89.9 - FRAGMENTAL TEXTURE IN PLACES PARTS ARE MASSIVE PYRITE (MAY BE WITH HIGH GRADE ZINC)

Code	From	To	Recov.	No.	Unit	Description	
1	10	14	16	20	22 24 26 28 30	34 35	
							FAIR CORING BUT JOINTED AND SLIGHTLY WEGGY.
							UPPER CONTACT AT 49°
	1910	5	1913	1	2	ZZ Q	GRADE H/V.
							DARK GREY RIBBON BANDED WEAKLY CARBONACEOUS QUARTZITE
							SPHALERITE / GALENA (15%) DISSEMINATED OFTEN UNCONCENTRATED
							ALONG (S) FRACTURES AND IN HEAVY PATCHES - MINOR WHITE
							QUARTZ VEINING (4%) AT END - FOLIATION 69° FAIR CORING
							MODERATE JOINTING.
	1913	1	1915	3	512	→ 44 (72)	GRADE W
							PALE GREEN / LIGHT BROWN ALTERED PHYLITE - PALE GREEN
							FUCHSITE IN MINOR AMOUNTS THROUGHOUT FAIR CORING OUT
							JOINTED MINOR FAULT GOUGE AND FAULT BRECCIA.
	1915	3	11011	9	12	ZGPX	GRADE M
							SIMILAR TO 90.5-93.1 BUT WITH LESS MINERALIZATION
							SPHALERITE (5%) PYRITE (4%) GALENA (2%) CORE WELL JOINTED
							AND BROKEN IN PATCHES WITH MINOR FAULT GOUGE - FRAGMENTAL
							TEXTURE IN PLACES - FOLIATED (53°, 53°, 48°) - GRADE LOWER
							TOWARDS END
	11011	9	11014	9	512	PZG	GRADE L
							PALE GREY GREEN ALTERED PHYLITE SILICIFIED WITH STREAKS
							AND BANDS DISSEMINATED PYRITE (4%) SPHALERITE (3%)
							GALENA (1%) FAIR / GOOD CORING. - SOFT CORE NEARER END
							MINOR GOUGE - FOLIATED

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CURRAGH RESOURCES INC.
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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description				
	10	14	22	24	26	28	30	34	35	
	110	149	110	70				15	2	GRADE W
										PALE BROWN/GREEN BECOMING PALE GREY ALTERED MUSCOVITE SERICITE CHLORITE PHYLLITE FOLIATED (84°) - FAIR/GOOD CORING - UNMINERALIZED.
	110	70	112	0	4			120		(C)
										MEDIUM TO DARK GREY GREEN MUSCOVITE CHLORITE QUARTZ PHYLLITE WITH PATCHES AND PODS WHITE V. QUARTZ (10%) WITH MINOR PALE BROWN ANKERITE. FAIR TO GOOD CORING (CLEAN) WEAR TO MODERATE CORING. - FOLIATION (61°, 81°, 80°, 68°, 72°, 88°, 68°) TRACES PYRITE.
										120.4 m. E.O.H.

ad	From		To		Feature	E S ₁	S ₀ L ₃		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
				115	P1S12							419	
				118	C1S12	S		153	110	313	0	613	S1 FOLDS + FOLD NOSES.
				118	P1S12							612	
				119	P1S12							613	
				121	P1S12							615	
				122	P1S12							615	
				123	A1S12							617	
				126	P1S12							613	
				127	C1S12	S		125	019	312	7	612	
				128	P1S12							512	
				129	P1S12							519	
				131	P1S12							612	
				132	P1S12							411	
				132	P1S12							516	
				133	P1S12							514	
				135	P1S12							511	
				136	P1S12							516	
				139	P1S12							613	
				139	C1S12	S		155	114	313	7	611	S1 FOLDS + NOSES.
				140	P1S12							518	
				144	A1S12							511	
				146	P1S12							516	
				147	P1S12							515	
				148	P1S12							513	
				148	P1S12							618	
				149	P1S12							610	
				151	P1S12							618	
				151	P1S12							712	
				153	P1S12							614	
				156	P1S12							710	
				159	P1S12							610	
				161	P1S12							610	
				163	P1S12							615	
				166	P1S12							512	
				168	P1S11							516	
				171	P1S11							711	

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Code	From		To		Feature	Sym	S ₀ L ₃		S ₁		S ₂		Description							
							Dip	Direct.	Dip	Direct.	Dip	Direct.								
	10	14	16	20	22	24	26	28	32	34	38	40	44							
	1	1	1	1	712	S	CIS	12	S	1	1	15	2	12	010	15	6	15	1	1
	1	1	1	1	714	2	PIS	12									6	3	1	1
	1	1	1	1	717	8	PIS	12									3	7	1	1
	1	1	1	1	719	3	PIS	12									3	9	1	1
	1	1	1	1	815	5	PIS	12									7	0	1	1
	1	1	1	1	816	2	PIS	12									6	3	1	1
	1	1	1	1	912	4	PIS	12									6	9	1	1
	1	1	1	1	915	2	PIS	12									5	3	1	1
	1	1	1	1	918	9	PIS	12									5	3	1	1
	1	1	1	1	11010	6	PIS	12									4	8	1	1
	1	1	1	1	11013	4	PIS	12									8	0	1	1
	1	1	1	1	11015	6	PIS	12									8	4	1	1
	1	1	1	1	11018	3	PIS	12									6	1	1	1
	1	1	1	1	11110	9	PIS	12									8	1	1	1
	1	1	1	1	11113	8	PIS	12									8	0	1	1
	1	1	1	1	11116	6	PIS	12									6	8	1	1
	1	1	1	1	11119	5	PIS	12									8	8	1	1
	1	1	1	1	11210	3	PIS	12									6	8	1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1
	1	1	1	1															1	1

Code	FROM		TO (At)		Feature	DIP	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description	
	1	10	14	16			20	22	24	26	28	32		34
		1126		1140	B12J									
		1140		1172	J12B									
		1172		1235	J12									
		1235		1252	B12T									
		1252		1435	J12									MINOR GOUGE IN POKER-
		1435		1437	X12G	68								FAULT BRECCIA GOUGE
		1437		1622	J12									MINOR POKER CHIPPY CORE.
		1622		1624	G11X									SMALL FAULT - GOUGE BROKEN
		1624		1687	J12									MINOR GARDEN + GOUGE
		1687		1703	B13G				38					GOOD ANGLE.
		1703		1716	J12	68								
		1716		1753	J12T									
		1753		1776	B13G									FAULT - BROKEN + GOUGE
		1776		1796	J12									
		1796		1805	X11G									FAULT BRECCIA - GOUGE B.C.
		1805		1834	J12									
		1834		1839	B11									
		1839		1901	J12									
		1901		1906	B11									
		1906		1928	J12									
		1928		1947	B11G									SOFT CORE - MINOR GOUGE
		1947		1960	J12									
		1960		11012	J12B									JOINTED + BROKEN/MUSBY SECTIONS
		11012		11019	X11G									BROKEN CORE + FAULT BRECCIA
		11019		11149	J12									CLEAN CORING
		11149		11204	J11									"

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91-G44

Units: Feet / Metres Date:

Logged By:

Page 14 of 15

Run (Length)	TCR (Length)	ROD (Length)	Strength LOST	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		
46.0	1.5	0.4	0.2																
47.4	1.4	0.8	0																
49.4	1.8	0.9	0.2																
50.9	1.5	0.1	0																
52.4	1.5	1.0	0																
53.9	1.5	0.8	0																
55.2	1.0	0.3	0.3																
56.7	1.5	0.3	0																
57.9	1.2	0.5	0																
59.4	1.5	0.6	0																
60.9	1.5	0.8	0																
62.4	1.5	0.8	0																
63.9	1.3	0.3	0.2																
65.1	1.2	0.2	0																
66.3	1.2	0.6	0																
67.7	1.4	0.6	0																
69.2	1.4	0	0.1																
70.3	0.6	0	0.3																
71.6	1.3	0.5	0																
72.5	0.9	0	0																
73.6	1.1	0	0																
75.1	1.5	0.3	0																
75.6	0.5	0	0																
76.6	0.5	0	0.5																
77.6	0.6	0	0.4																
78.6	1.0	0.4	0																
79.6	0.8	0.1	0.2																
80.5	0.9	0	0														SOFT CORE		
81.1	0.6	0.3	0																
82.4	1.3	0.6	0														PARTLY SOFT CORE		

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-45 (RR)

Reference Fabric Orientation Diagram:

Project: _____

Location: Grum Ptt

Claim: _____

Terr. Plane Co-ords.: 6033.8 N

2699.3 E

Grid Co-ords: _____

Elevation: 1277.2

All symmetry determinations looking

Total Depth: 67.1

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 916-45

(RR)

CURRAGH RESOURCES INC.

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Lithologic Log

Date: Apr '91Logged By: J. Zbocznik

Core	From	To	Recov.	No.	Unit	Description							
1	10	14	16	20	22	24	26	28	30	34	35		
	0.0	36.1	11		84	CASING							
	36.1	45.7	7		86	1/8 Sand & boulders, minor clay - none to very poor recovery.							
	45.7	59.7	7		2	PP to L (4L) 70:30							
						Very dark gray tabular, locally weakly calcareous strongly siliceous graphitic quartzite hosts 30% 2.5 - 15cm bands of pyrite dominant mineralization. Bands contain 50-60% pyrite and are siliceous. Ribbon banding is fairly well developed within graphitic quartzite. Locally pyritic bands are biconcave and very well healed. Contacts of pyritic bands and graphitic quartzite are sharp and // Sp. Rock is hard, strongly broken to very strongly broken throughout. Recovery is generally good. Pb+Zn mineralization is weak and commonly concentrated in the ribbon banded intervals. Pyritic bands are typically barren of Pb+Zn. Lower contact is marked by a well healed breccia which hosts strong Pb+Zn mineralization. Estimated grade is 2-3%.							
	59.7	61.5	5		A	HH (2H) 80:20							
						Peppish brown, noncalcareous unit is very strongly mineralized and hosts 20% wide and narrow bands of graphitic quartzite. Unit contains 30% pyrite and 40-50% ch. Rock is hard siliceous and very strongly							

ASSAY LOG (SAMPLER'S COPY) Date Apr '91

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT		DESCRIPTION				
	10	14	16	20				22	26		28	30	32	34
	101.		451.											Waste
	451.		471.		64389		0.		2					Very poor recovery.
	471.		491.		390		2.		2					
	491.		510.		391		1.		2					
	510.		531.		392		2.		2					
	531.		551.		393		2.		2					
	551.		561.		394		1.		2					
	561.		581.		395		1.		2					
	581.		591.		396		0.		2					
	591.		591.		397		0.		2					
	591.		601.		398		0.		4					± 2
	601.		611.		399		0.		4					± 2
	611.		621.		400		1.		2					(4)
	621.		631.		401		0.		2					(4)
	631.		651.		402		1.		2					(4)
	651.		671.		6403		1.		2					(4)
														END @ 67.1

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 916-45

Units: Feet / Metres

Date: April '91

Logged By: J. Z...

Page 8 of 8

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES												CORE SIZE	COMMENTS
						0-30				30-65				65-90					
						No	Rough	At	Type	No	Rough	At	Type	No	Rough	At	Type		
36.1																			
45.7																			
46.9	0.2	0																	1/8 Very poor recovery
47.4	0.1	0																	1/8 "
48.3	0.9	0.3																	
49.2	0.8	0.1																	
50.7	1.5	0.1																	
51.8	1.1	0.1																	
53.0	1.2	0.1																	
54.3	1.3	0.4																	
55.2	0.9	0																	
56.7	1.5	0.8																	
58.2	1.5	0.7																	
59.1	0.9	0																	
60.7	1.6	0.3																	
61.6	0.7	0.1																	
62.8	1.2	0.3																	
63.7	0.9	0.1																	
65.2	1.5	0.4																	
66.8	1.4	0.7																	
67.1	0.3	0.1																	
End																			End

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-46 (Z)

Reference Fabric Orientation Diagram:

Project: _____

Location: Grum PIT

Claim: _____

Terr. Plane Co-ords.: 6303.8 N

2703.5 E

Grid Co-ords: _____

Elevation: 1283.6

All symmetry determinations looking

Total Depth: 96.9 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	<u>CORE</u> From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	

Hole Cemented: _____ Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 716-46

2

8

(2)

CURRAGH RESOURCES INC.

Lithologic Log

Page

3 13

Date: June 91 Logged By: J. Z. [unclear]

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	0.0	9.10	1		184	CASING						
	9.10	17.10	4		186	9/B, very poor to no recovery.						
	17.10	19.10	1		20	w ± 2						
						Medium gray slightly grayish green, waxy dolomitic $PS_2 \rightarrow CS_2$ foliated siltstone is slightly chloritic. Rock is slightly soft, moderate to strongly broken and has a sharp lower contact $1/2$ and marked by 10cm at gauge.						
	19.10	20.8	8		A7	(72) 95:05						
						buff non-calcareous PS_1 foliated siltstone hosts minor gouge bands from 5-10cm wide typically $1/2$, sporadically trending 345/20 wst S_2 . Upper and lower contacts are marked by 5-10cm gouge bands - upper $1/2$, lower at 345/20 wst S_2 .						
	20.8	23.1	3		20	±g						
						Medium to slightly medium dark gray, non-calcareous PS_1 foliated and waxy graphitic. Moderately graphitic matrix and bands are 2-3mm wide and $1/2$.						

DDH 916-46

2

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CURRAGH RESOURCES INC.

Lithologic Log

Page

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13

Date: June '91

Logged

By: F. Zuck

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
	23.3	23.8			30	±P → 20g ±P Medium dark to dark gray, non-calcareous PS_2 and CS_2 foliated phyllite is moderately graphitic throughout, strongly graphitic in 3-4 mm wisps // S_2 . Upper and lower contacts are sharp and // S_1 . Unconformable outcrop Py .						
	23.8	24.2			29	g Medium dark gray, non-calcareous slightly graphitic PS_2 foliated phyllite contains sharp upper and lower contacts trending // S_2 .						
	24.2	25.5			A0	2 (47c) 95:05 Medium green, moderately calcareous PS_2 local CS_2 foliated phyllite is moderately chloritic. Interbedded beds of calcareous unit 47. All contacts are sharp and // S_2 .						
	25.5	30.2			A0	g ±PB (47) trace Medium dark gray, moderately to strongly calcareous PS_2 and CS_2 foliated phyllite is slightly graphitic in 2-5mm bands // S_2 . Unconformable very rare clasts of Py , EP and 2-3mm wisps of unit 47 // S_1 . Upper and lower contacts are sharp and // S_2 .						

DDH 916-46CURRAGH RESOURCES INC.
Lithologic LogPage 5 of 13Date: June '91 Logged By: S. Zbeckler

Code	From			To			No.	Unit	Description	
	10	14	16	20	22	24				26
	30.	2	40.	9				A9	±RP ±L Medium gray, moderately calcareous $PS_2 \rightarrow CS_2$ foliated phyllite has very rare clots of PS_2 and Py . Limonite commonly weathers cocks. Fractures. Upper and lower contacts are $1/S_2$	
	40.	7	42.	6				A7	c ±L Medn-green, moderately calcareous massive PS_2 foliated unit contains wide limonite coatings on fractures. Upper and lower contacts are sharp and $1/S_2$	
	42.	6	43.	7				A9	±L Medium gray, slightly grayish-green when wet, moderately calcareous $PS_2 \rightarrow CS_2$ foliated phyllite is slightly chloritic Upper and lower contacts are sharp and $1/S_2$	
	43.	7	47.	9				A9	l (47c) 70:30 Medium green, moderately calcareous CS_2 foliated phyllite has 30% 0.1-15cm bands of calcareous mass 47. CS_2 foliated phyllite is moderately chloritic. Upper and lower contacts are sharp and $1/S_2$	

DDH 116-46

2 8

CURRAGH RESOURCES INC.
Lithologic LogPage 6 of 13Date: Jun '91 Logged By: J Zbeck

Code	From			To			Recov.			No.			Unit	Description
	10	14	16	20	22	24	26	28	30	34	35			
	47.9		52.9										AD	l Medium green moderately calcareous CS_2 foliated moderately chloritic phyllite is moderately broken and has fine gouge bands ≤ 7 cm. Upper and lower contacts are sharp and $\parallel S_2$. Lower contact is marked by 2-3 cm of gouge and crushed rock.
	52.9		56.6										2A	w ± l (72) 90:10 Medium light gray, slightly grayish green weakly dolomitized PS_2 foliated phyllite is slightly chloritic strongly broken $\parallel S_2$ and at 30 wt CA in various orientations. Gouge is generally sporadic in 2 cm bands $\parallel S_2$ and a large band exists at 53.4-53.7. Upper contact is sharp, $\parallel S_2$ and marked by gouge and crushed rock $\parallel S_2$. Lower contact is gradational with an increase in calcite over dolomite down hole.
	56.6		67.0										AD	l Medium green moderately calcareous $CS_2 \rightarrow PS_2$ foliated phyllite is moderately chloritic. Upper contact is gradational with an increase in calcite down hole. Lower contact is sharp and $\parallel S_2$.

Code	From		To		Feature	SYM	S ₃		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
			18.1		PS2							75		
			25.1		PS2							76		
			28.1		CS2 S		168	20	335			70		
			35.1		PS2							72		
			42.1		PS2							78		
			48.1		CS2 S		030	17	000			69		
			54.1		PS2							77		
			58.1		CS2 S		160	20	340			62		
			65.1		PS2							57		
			69.1		PS2							62		
			75.1		PS2							52		
			81.1		PS2							56		
			87.1		PS2							60		
			93.1		PS2							60		
			96.1		PS2							65		
														FOH @ 96.9

Code	FROM		TO (At)		Feature	REG	UPPER Dip Direct		INTERNAL Dip Direct.		LOWER Dip Direct		Description
	10	14	18	20			22	24	26	28	32	34	
	17	8	18	5	S1G				05	00P			
	19	0	19	5	G2R								115 ₂
	34	2	43	3	B2T								low angle fracture (5-15° ^{acc. comp.} w/c.A.)
	51	5	53	4	B3								Local fracture @ 30° w/c.A.
	53	4	53	7	G3								
	53	7	55	8	B3								local fracture @ 30° w/c.A.
	167	3	167	9	G3								Est @ 96.9

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-47 (uu)

Reference Fabric Orientation Diagram: _____

Project: _____

Location: GRUM PIT

Claim: _____

Terr. Plane Co-ords.: 6062.1 N

2627.8 E

Grid Co-ords: _____

Elevation: 1273.8

All symmetry determinations looking

Total Depth: 85.3 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91 G-47
 2 8

Diamond Drill Core Log

Date: APRIL 91 Logged By: R. WRIGHT

Code	Drillhole	Elevation				Northing				Easting				Units (feet/metres)		R.F.E	
		1	2	8	10	16	17	24	25	32	34	39	41	42			
I	2																
T																	

Code	Drillhole	Depth				Zenith Angle	True Azimuth				Comments		
		1	2	8	10	14	22	26	28	32		34	56
R													AT COLLAR
R						85.3	-89.7	144.0					END OF HOLE
R													
R													
R													
R													
R													
R													
R													
R													
R													
R													
R													
R													
R													
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R													
R													
R													
R													

Code	Drillhole	Comments; Errant Remarks, Snivellings and / or Lewd Suggestions																
I	2																	56

Code	From	To	Recov.	No.	Unit	Description
	10	14 16	20 22 24 26 28 30	34 35		
	0.0	35.1			84	CASINLY
	35.1	47.5			86	1/8 very poor recovery.
	47.5	48.6			20 → 74	(72:5) 79:20:01 Medium gray rubble is non-calcareous and hosts two highly ground massive sulphide cobbles (1-1.5 cm dia.) at upper contact. Recovery is poor to very poor. Lower contact noted by gauge / mech.
	48.6	51.7			17	(7c#@: 44 ^{##} j → 72) 97:03:trace Reddish brown non-calcareous massive sulphides are fairly well banded // S ₂ . Unit is very fine grained and appears to contain 30% pyrite, significant barite and a very significant PbZn content. Interval is moderately vuggy with pin head size pores and moderate to weak calcareous at 48.6-49.2. The calcareous zone is slightly friable into sandy material and may be refractory. The rest of the interval is slightly hard, very dense, slightly to moderately broken and has good recovery. Interval supports a 1.5 cm band of strongly altered, crushed metabasite at 49.4. Upper contact is irregular and marked by mud-like overburden: Weak alteration and a red. nod. ... at 49.2. Lower contact is

Code	From		To		Recov. No.	Unit	Description				
	<small>1</small>	<small>10</small>	<small>14</small>	<small>16</small>				<small>20</small>	<small>22</small>	<small>24</small>	<small>26</small>
							sharp and very irregular Estimated grade is 20-25%				
	51.8	52.8				5	H (7H) 80:20 Brassy yellow, non-calcareous massive sulphides are textured and contain 80-85% pyrite. Interval contains a 2 dm band of baritic massive sulphides at 52.5. Baritic zone is non-calcareous and well banded and has sharp contacts with pyritic sulphides parallel banding. Rock is slightly to moderately hard, slightly broken and has good recovery. Upper contact of interval is sharp and very irregular. Lower contact is sharp and parallel banding. S_2 at lower unit. Grade is difficult to estimate. 5-15%.				
	52.8	55.3				7	±c H (44**jw) 99:01 Purple brown and light grayish purple, non-calcareous massive sulphides are commonly fair well banded // S_2 (?). Unit is very dense, baritic and contains 30-35% pyrite. Interval has trace -1% strongly altered metabasite clots and bands 30 cm from lower contact. Metabasite contains a high dolomite(?) ankerite (?) contact. Interval is slightly to moderately hard, moderately to shaly broken and has good recovery. Upper contact is				

Code	From	To	Recov.	No.	Unit	Description				
							10	14	16	20
						sharp and parallel banding. lower contact is sharp, parallel banding and S_2 and is moderately to weakly calcareous over the lowest 15cm.				
	55.3	56.4			4A	## jcl $\pm \rightarrow 72$ (71 \rightarrow 74) 99:01 light gray and green, weakly locally very strongly calcareous, very strongly altered metabasite. Unit hosts 20% fuchsite and chlorite wisps, parallel a very strong P_2 fabric. Rock is soft, locally crushed and approaching gouge. A weak shear fabric is very localized and trends 020/10' wrt S_2 . Metabasite hosts wisps and fragments of baritic massive sulfides typically oriented // S_2 . Recovery within unit is good. Upper and lower contacts are sharp and parallel S_2 banding. No grade.				
	56.4	58.5			7	$\pm c$ H Brownish purple ^{to} light gray, noncalcareous, well banded baritic massive sulfides hosts 20-25% pyrite within a very fine grained baritic / sph matrix. Unit hosts ovoid blots of unit 5 associated with contorted banding. Blots vary from 0.5 x 1.5 cm to 2.0 x 3.5 cm. Blots constitute				

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24 26	28 30	34 35	
						1% of interval. Interval is slightly to moderately soft slightly to moderately broken and has good recovery. Upper contact is sharp // S_2 and banding and is weakly calcareous over upper 10cm. Lower contact is sharp and // S_2 .
	58.5	59.18			51	→ 7H (44 [#] & Pc) 92:08 Brassy yellow, noncalcareous pyritic massive sulphide contain 60-80% pyrite and progressive becomes more brittle and less pyritic down hole. Band is non-existent over the upper 80-90cm and becomes progressively better defined down hole. Interval supports a strongly altered very weakly calcareous metabasite at 58.52 to 58.65. Metabasite is barren of sulphide but does have 20% chlorite clots, wisps and bands. Metabasite has 3-5% stringy pyrite clots generally tracing a moderately strong PS_2 fabric. Metabasite contains very sharp contacts // S_2 . Interval is moderately to slightly hard, moderately broken and has good recovery. Upper contact is sharp and parallel S_2 . Lower contact is gradual noted as a loss of pyrite and a gain of breccia down hole. Estimated grade is 10-12%.

Code	From	To	Recov. No.				Unit	Description
			20 22	24 26	28 30	34 35		
	59.8	61.0				7	1c	<p>Light tan and yellowish purple, non-calcareous locally very weakly calcareous unit 18" strongly baritic and hosts 30-40% pyrite. Banding is fairly well defined and is represented by variations in pyrite and barite. Rock is moderately to slightly hard, slightly broken, locally strongly broken and has good recovery throughout. Upper contact is gradational with a loss of pyrite and a gain in barite within upper unit. Lower contact is sharp and $11 S_2$ and banding.</p> <p>Estimated grade is 12-15%</p>
	61.0	62.6				5	(7H) 97:03	<p>Brassy yellow, non-calcareous massive sulphides contain 80-85% pyrite and is generally textureless; although very rare bands of sph mineralization up to 0.5cm wide are noted. Unit hosts a 3cm band of light grayish purple baritic massive sulphides at 61.7. Rock is moderately to slightly hard, slightly broken, rarely strongly broken. Recovery is good throughout. Upper and lower contacts are sharp and $11 S_2$ & banding.</p> <p>Grade is difficult to estimate 5-7%.</p>

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
	62.6	63.7			17	H	light grayish purple, non-calcareous, strongly banded unit is well banded and hosts 25-40% pyrite. Rock is slightly to moderately soft, slightly broken and has good recovery. Upper and lower contacts are sharp and parallel. Estimated grade is 15%.					
	63.7	64.3			5	M	Brassy yellow, non-calcareous massive sulphides contain 80-85% pyrite and scattered bands of slightly coarser grained with mineralization. Unit is strongly to moderately broken with laminated fractures very common. Rock is moderately hard and has good recovery. Upper and lower contacts are sharp and // bandings.					
	64.3	67.5			7	H (5-74) 75:25	Yellowish brown-slightly purple, non-calcareous unit is moderately locally strongly banded and contains 30-40% pyrite. Interval hosts 25% pyritic massive sulphides occurring as blocks supported within banded unit. Blocks vary from 2.5-10cm wide and are consistent brecciated and very well banded. Block contacts are highly variable. Breccia is typically fragmented cemented with fine grained matrix bearing					

DDH 91547CURRAGH RESOURCES INC.
Lithologic LogPage 9 of 17
Date: May 91 Logged By: J. Zbecluk

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
											high in sph content and containing a \pm Ba content. At 66.5 - 66.8 interval displays a weak S_2 which crosses well defined banding and indicating 2 asymmetry with banding oriented @ 150/40 wrt S_2 . S_2 trends 50° tra. Rocks slightly to moderately hard, slightly broken and has good recovery. Upper contact is sharp and // banding. Lower contact is "eyeballed" where higher baritic content is replaced by a higher pyritic mass of at rock lower contact is subjective over 30cm. Estimated grade is 15-17%.
	67.5		72.0							51	= 74 (7H:7# c.c) 60:40 = trace Brassy yellow, non-calcareous, massive sulphides contain 80-85% pyrite. Interval hosts 30-40% baritic massive sulphides occurring as bands from 1.0-15cm wide. Baritic units are non-calcareous and moderately well banded. A baritic unit at 70.6 represents a moderately open fold nose (see yellow lines tracing banding in photograph). Pyritic massive sulphides are rarely brecciated and well healed with a galena rich matrix. A wispy unit 44 occurs at 70.7. Rocks are slightly to moderately hard, slightly broken and have good recovery. Upper contact is subjective and noted as a reduction in baritic unit and an increase in pyritic massive sulphides. Lower contact is sharp and // S_2 Estimated grade is 15%.

Code	From	To	Recov. No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35
	72.0	72.6		60	1Cw (5c:44#le)	80:15:05	<p>White and buff quartz vein hosts calcite, dolomite, clay minerals (white) and a very soft, semi-translucent turquoise mineral that is non-calcareous. Vein also hosts 15% 1.0-2.0cm bands of calcareous pyritic massive sulphides and a 1.5cm strongly altered. All minerals and units trend $11S_2$. Rocks are moderately to strongly broken and have good recovery. Upper and lower contacts are sharp and $11S_2$. No significant grade.</p>				
	72.6	73.8		7	→S H		<p>Brassy yellow and purplish brown, non-calcareous massive sulphide unit is moderately brittle and hosts 50-60%. Unit is moderately well to poorly banded. Rock is moderately to slightly hard, moderately broken, strongly broken at upper contact. Recovery is good below broken upper contact, fair above. Upper and lower contacts are sharp. Lower contact is irregular but trends $11S_2$. Estimated grade is 17-20%.</p>				
	73.8	74.3		30	P (72)	50:50	<p>Dark gray to black, non-calcareous, graphite phyllite is gneiss above 74.1. Below 74.1 unit contains 1% pyrite veins, and is moderately to slightly soft. Upper contact is sharp and $11S_2$. Lower</p>				

Code	From	To	Recov.	No.	Unit	Description
	1 10	14 16	20 22	24 26	28 30	34 35
						contact is gradational over 5cm and noted as a progressive loss in graphite
	74.3	77.4			29	l → g Dark gray, non-calcareous, NON GRAPTIC P _S foliated phyllite is moderately soft and contains a significant amount of dark gray to black chlorite. Rock is moderately to strongly broken and has good recovery. P _o and P _y are rare. Upper contact is gradational over 5cm and noted as a reduction of graphitic of upper unit and a slight lightening in color. Lower contact is also gradational and noted as a progressive increase in green chlorite over lowest 10cm of interval.
	77.4	78.0			29	l Qw Medium greenish gray, non-calcareous, weakly to moderately chloritic P _S foliated phyllite is moderately soft to soft. Unit is moderately broken and has good recovery. Lower contact is marked by a 10cm quartz-dolomite vein over 1/5. Upper contact is gradational over 10cm and noted as green chlorite becoming more dominant down hole.

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	78.0	79.3			3	M → H (20l → 20s) Light gray, non-calcareous, strongly siliceous unit is moderately to strongly Al ₂ O ₃ mineralized occurring in bands 1/2" from 0.5 to 1.5cm wide. Interbedded hosts 10% pyrite. Interbedded supports a moderate to high "phyllite" component above 78.4. Phyllite is slightly greenish to very light gray, moderately to weakly sericitic and slightly chloritic. Quartzite is hard, phyllite is moderately soft. Rocks are slightly broken and have good recovery. All contacts are sharp and // S ₂ .					
	79.3	80.4			A9	cc l → g Medium green, moderately to slightly calcareous phyllite is generally PS ₂ locally CS ₂ foliated. Unit hosts rare wisps and blebs of moderate silicification and associated Al ₂ O ₃ mineralization. Unit also hosts 1-2% quartz dolomite veins also with Al ₂ O ₃ mineralization. Phyllite is generally moderately soft, locally moderately hard. Rock is moderately to strongly broken with good recovery. Upper and lower contacts are sharp and parallel S.					
	80.4	85.3			A9	cc l → g Dark gray, strongly calcareous, CS ₂ locally PS ₂ . L. l. & n. ph. l. i. is Non-oxidized. Dark gray color is					

ASSAY LOG (SAMPLER'S COPY)

Date Mar 91

Sampled by

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	101	101	48	48									waste
	48	48	49	49	64	32	41		0		7		possibly refractory
	49	49	50	50		32	22		1		7		
	50	50	51	51		32	23		1		7		
	51	51	52	52		32	24		1		5		
	52	52	54	54		32	25		1		7		
	54	54	55	55		32	26		1		7		
	55	55	56	56		32	27		1		AA		
	56	56	58	58		32	28		0		7		
	58	58	59	59		32	29		1		5		→ 74
	59	59	61	61		33	30		1		7		
	61	61	62	62		33	31		1		5		(74) 97:03
	62	62	63	63		33	32		9		7		
	63	63	64	64		33	33		0		5		
	64	64	65	65		33	34		1		7		
	65	65	67	67		33	35		1		7		
	67	67	68	68		33	36		1		5		
	68	68	70	70		33	37		1		5		
	70	70	72	72		33	38		1		5		
	72	72	72	72		33	39		9		16	0	
	72	72	73	73		34	40		1				
	73	73	78	78									waste
	78	78	79	79		34	41		1		3		
	79	79	80	80	64	34	42		1		AD		Q = g ZPLs
	80	80	85	85									waste

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-48 (ccc)

Reference Fabric Orientation Diagram:

Project: _____

Location: GRUM PIT

Claim: _____

Terr. Plane Co-ords.: 6244.6 N

2703.5 E

Grid Co-ords: _____

Elevation: 1280.5

All symmetry determinations looking

Total Depth: 127.7 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 71-648 (ccc)

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CURRAGH RESOURCES INC.
Lithologic Log

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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	12	11	9					1814	OVERBURDEN - NO RELIEF - TRICORNER
	12	11	9	13	16	3				1816	OVERBURDEN - MAINLY GRANITE BOULDERS < 40CM IN SILTY SAND
	13	16	3	14	10	2				1816	OVERBURDEN - SAND (NO BOULDERS)
	14	0	2	14	16	3				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
	14	16	3	14	16	6				1714	(72) FAULT GRADE W PALE GREEN FAULT BRECCIA + GOUGE - FRAGMENTS UP TO 3CM (SUB ROUNDED) MAINLY PHYLLITE
	14	16	6	14	18	5				1210	± c GRADE W GREY/GREEN MUSCOVITE QUARTZ CHLORITE PHYLLITE - BROKEN CORE - SOME LOST. FOLIATION AT 0° TO LOW ANGLES - WEAKLY CALCAREOUS
	14	18	7	15	15	9				1210	± c GRADE W PALE GREY/GREEN MUSCOVITE CHLORITE QUARTZ PHYLLITE - WEAKLY CALCAREOUS. FEW THIN SECTIONS MUD. AND BROKEN CORE OTHERWISE FAIR LORING AND MODERATE JOINTING - CORE IS EASILY SCRATCHED WITH A NAIL. - FOLIATION 31° 25° 38°

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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30 34	35
	1559	1573			1712	(74) (20) FAULT GRADE U)
						PALE GREY, PALE GREEN TO BLACK FAULT GOUGE WITH MANY 2-3mm FRAGMENTS AND A FEW SUBROUND LARGER ONES (3cm) UPPER CONTACT IS LOW ANGLE (17°) AS IS LOWER (14°) CONTACT - MORE VERY SOFT WITH REMNANTS PALE GREEN PHYLLITE
	15173	15193			1210	lg ± c GRADE U)
						GREY/GREEN MUSCOVITE CHLORIDE PHYLLITE WITH MINOR CARBONACEOUS MATERIAL FOLIATION (S2) AT 44° - MODERATE JOINTING FAIR CORING. - WEAKLY CALCAREOUS
	15193	16132			1714	(30) ± c FAULT GRADE U)
						BLACK CARBONACEOUS PHYLLITE WITH PATCHY FOLIATION AT LOW ANGLES (<15°) FRAGMENTAL TEXTURE THROUGHOUT (TECTONIC BRECCIA) - SOME MUD GOUGE - MORE U) MOSTLY VERY BROKEN - WEAKLY CALCAREOUS
	16132	16165			1310	(74) ± c GRADE L
						SIMILAR TO ABOVE BUT LESS TECTONIC BRECCIA, LESS BROKEN, MORE FOLIATED CARBONACEOUS PHYLLITE, - CONTAINS SPHERRITE (4%?) AND PYRITE (5%) IN S2 FOLIATIONS (48°) AND SOME BRECCIA FRAGMENTS (MORE SILICEOUS) NEAR END - WEAKLY CALCAREOUS
	16165	16167			1414	GRADE L

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2 8CURRAGH RESOURCES INC.
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Date: _____ Logged By: _____

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
											MASSIVE PYRITE - MINOR BROWN GADOLITE - UPPER CONTACT 22°
	667		168	1						15	ZGX GRADE H/V
											MASSIVE REDDISH BROWN HEAVILY MINERALISED MASSIVE PYRITIC ORE + FRAGMENTAL TEXTURE (TECTONIC BRECCIA) FRAGMENTS ARE MAINLY BARE MASSIVE PYRITE WITH FEW SILICEOUS REMNANTS. MINOR INCLUSIVE DARK GREY/GREEN/BLACK PHYLLITE NEARER START OF SECTION - GOOD CORING - BUT POROS IN PLACES - VUGGY (5%) THROUGHOUT i.e. ? LEACHED
	168	1	169	7						15	X GRADE L
											MASSIVE PALE BRASSY YELLOW FINE GRAINED PYRITE WITH FINE (1cm) TO COARSE (5cm) FRAGMENTAL TEXTURE (TECTONIC BRECCIA) GOOD CORING. - ONE CLAST IS HIGH GRADE BARITIC ORE.
	619	7	710	2						12	PZ GRADE L
											GREY/BLACK RIBBON BANDED GRAPHIC QUARTZITE - FAIR CORING MODERATE JOINTING - NON CALCAREOUS - 10% DISSEMINATED F.G. PYRITE; 3% SHALEITE (V.F. GRAINED)
	710	2	710	6						14	Q GRADE C
											BUFF BROWN METABASITE + BRIGHT GREEN FLUCHITE - HEAVY WHITE QUARTZ VEINING + DISS. PYRITE (10%) - GOOD CORING - MINOR MUD
	710	6	711	7						12	PZ(44) GRADE L

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Date: _____ Logged By: _____

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							144		QP (72) GRADE W METABASITE - BUFF BROWN MAINLY CLAY WITH GREEN EUCHITE 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 SHARP 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 OF / OFTEN BARREN MASSIVE PYRITE - CORE IS UGGY (3%) AND

DDH 4.1-4.4.8
2 8CURRAGH RESOURCES INC.
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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
	1718	1813	9	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 WORKING MODERATE JOINTING MINOR BROKEN CORE					
							CORE VULGUS (2%)					
	1813	1815	5	0	5	ZGX +	GRADE H					
							MASSIVE PYRITIC SULPHIDES + PATCHES RED SPHALERITE/GALENA					
							MINOR QUARTZ (10%) FRAGMENTAL TEXTURE IN PLACES					
	1815	1815	0	9	1714	(5ZGX)	FAULT GRADE H					
							AS ABOVE - VERY BROKEN CORE - 0.3m LOIT CORE					
	1815	1817	9	5	5	ZGX +	GRADE H					
							AS 83.5-85.0 MINOR (4%) WHITE GREY QUARTZ					
	1817	1817	5	8	1714	(5ZG)	FAULT GRADE M					
							GREEN SAND - QUARTZ RICH - WITH REMNANTS OF ABOVE					
							IGNORE → UNIT IS CAVE OUT					
	1817	1818	5	6	2	ZG	GRADE M					
							- slight, tabular					
							GREY QUARTZITE + 20% SILICIFIED PYRITE; 5% SPHALERITE					
							3% GALENA - BROKEN/JOINTED CORE - WEAKLY VULGUS (2%)					
	1818	1819	6	0	5	ZGX	GRADE H					

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2 8CURRAGH RESOURCES INC.
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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
												VUGGY (4%) AND POROS - FAIR CORING.
	89 0	1910 4										ZG GRADE H/V
												GREY/BLACK RESSON BONDED CARBONACEOUS QUARTZITE - RED WITH DISSEMINATIONS + STREAKS SPIRILLITE (15%) GALENA (5%) FOLIATION 29° - CORE WELL JOINED PART BROKEN - NON CALCAREOUS
	910 4	1910 8										(72) FAULT GRADE W
												GREY BLACK GORGE AND BROKEN CORE WITH FRAGMENTS WHITE QUARTZ
	910 8	1913 3										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.
	93 3	1914 0										(74) FAULT GRADE W
												GREY AND GREEN FAULT GORGE WITH ANGULAR CLASTS UP TO 1cm - WHITE QUARTZ AND GREEN PHYLLITE FRAGMENTS - FAIR CORING.
	914 0	1916 2										(72N) GRADE W
												WHITE QUARTZ VEINING (40%) IN MATRIX OF MUD (20%) AND GREEN/GREY PHYLLITE (? CLASTS) SOFT CORE - NON CALCAREOUS.
	916 2	110 01										Q (74) FAULT ZONE GRADE W

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							210	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 VEINING (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							210	9 ± 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) GRE 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°

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2 8CURRAGH RESOURCES INC.
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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10	14 16	20	22 24	26 28	30 34 35
	11198	11204				15 ZG X GRADE M DULL BRONZE BROWN MASSIVE PYRITIC Sphaerite + Brown Sphaerite WITH MICRO FRAGMENTAL TEXTURE - CLASTS MAINLY BARREN MASSIVE PYRITE WITH TENDENCY FOR LARGER ONES (5cm) TO BE SUBROUNDED AND SMALLER ONES (0.5-1.0cm) TO BE ANGULAR GOOD CORING. SLIGHTLY VUGGY.
	11204	11220				15 ZG. GRADE M MASSIVE PALE BISHY YELLOW PYRITE WITH FINE BANDING (12) 58° - SOME CLASTS MASSIVE PYRITE (2-5cm) GENERALLY LARGER THAN PREVIOUS SECTION - LARGE SUB ROUNDED CLAST BARITIC ORE 1212-1214 m - CORING GOOD BUT SOME PYRITE IS POROUS + FRIABLE - Sphaerite AND GALENA MAINLY IN MATRIX.
	11220	11253				15 ZGX (3ZG) GRADE M TECTONIC BRECCIA SIMILAR TO 119.8-120.4 BUT WITH A FEW LARGER SILICEOUS CLASTS (3ZG) UP TO 30cm LONG. - ALSO A FEW LARGER CLASTS MASSIVE BARREN PYRITE. ORE IS WEAKLY VUGGY (2%) - CORING GOOD.
	11253	11277				12 P GRADE W PALE GREY/BLACK RIBBON BANDED CARBONACEOUS (NOT STRONG) QUARTZITE + 20% DISSEMINATED PYRITE IN SILICEOUS LAYERS. FAIR CORING - MODERATE TO STRONG JOINTING. - FOLIATION 52°

DDH 9.1.G. 4.8. - MET RECOR
2 8

CURRAGH RESOURCES INC.
Lithologic Log

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Date: MAY 22/91 Logged By: LVA

Code	From	To	Recov.	No.	UNIT SAMPLE	Description
1	10	14	16	20	22 24 26 28 30	34 35
	100	140	2	1	1814	OULIBURDEN TILL & Boulders
	140	166	7	12	WASITIE	PHYLLITE WASTE - SEE DETAILED LOG FOR DESCRIPTION OF WASTE UNITS.
	166	168	1	12	61418117	5ZGX @ GRADE = V Vuggy High grade, red-brown, massive pyritic sulphide breccia. Brittle deformation breccia. Local highly fractured clasts of carbonaceous quartzite up to 5 cm ϕ . Locally vuggy due to leaching of carbonate? in fractures. Sulphide groundmass is locally porous and porous; S ₂ banded. Grade is +15% Pb+Zn. Fragments in breccia are small, barren massive pyrite. Fragments range up to 4cm. No visible oxidation on cut or broken surfaces. - Good coring, core intact. Recov = 100% Zn.
	168	168	9	14	61418118	5X GRADE = L Low grade, fine grained, brassy yellow massive pyrite breccia. Coarser grained pyrite fragments in fine grained massive pyrite groundmass. Fragments are generally 1-5cm and highly fractured. Unit is locally vuggy due to leaching in fractures. Locally highly broken on steep fractures. Est grade 2-5% Pb+Zn. No visible oxidation Recov = 100%

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28	SAMPLE	
	1618	9	169	7				5	6418119	5X ± 2G ± B GRADE = H Same as #4 except base metal in breccia groundmass increases near the end of the interval. Clasts are more rounded, some ductile flow characteristics of groundmass around slightly coarser grained sulphide clasts. Some barite in groundmass near end of interval. No visible oxidation. Core is intact Recov = 100%
	1619	7	171	3				6	6418120	2 GRADE = L Ribbon banded pyritic quartzite. Banding is diffuse - defined by fine py ± interstitial quartz, defines S ₁ + S ₂ . Unit locally fractured + vuggy, along fractures % Py = 10-12% SpH 1-3%. No visible weathering. Recovery = 100%.
	1711	2	171	9				7	6418121	2: (44 # ± minor) 50:50 Mixed unit of highly altered friable white + bright green "fuchsite" interbedded (reported on phase 2 Golds) and highly fractured low grade ribbon banded quartzite (same as unit 6) Some local minor gouge. No visible oxidation. Recovery = 100%.

DDH 916-4B
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 3Date: MAY 22/91 Logged By: LUR

Code	From	To	Recov.	No.	Unit SAMPLE	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	1719	1734		18	6418122	7XEG ± VUGGY MINOR High grade, massive pyritic/baritic sulphide breccia. Fragments of coarser barren massive pyrite - subrounded to angular - in fine grained groundmass of py, sph, gal + barite - some minor quartz. Locally vuggy due to leached out carbonates in fractures. No visible oxidation. Good coring - 100% recovery. Grade 15-20%						
	1734	1746		19	6418123	7EG ± VUGGY MINOR. Poorly banded, fine to medium grained massive baritic/pyritic sulphide. High Grade + 15%. Slightly vuggy due to leaching of carbonate in fractures. No visible weathering - should make good core - if it doesn't, what in trouble! Good coring, Recovery = 100%						
	1746	1758		110	641824	5XEG ± VUGGY MINOR Massive pyritic sulphide ductile flow breccia. Abundant sub-rounded to angular coarser pyrite fragments ranging up to 5cm in higher grade. darker, fine grained sulphide groundmass. Local red-brown sphalerite in ground mass. Grade 12-15% Pt & Zn. Locally vuggy due to leached carbonate - predominately in fractures. Good coring. Recovery = 100%. No visible weathering. Some core in this						

Core	From	To	Recov.	No.	Unit	Description				
	10	14	16	20	22 24	26 28	30 34	35		
	175	8	176	4	111	64	18	12	15	5XZG ± VUGGY. - massive pyritic sulphide breccia. Some as unit 10. Less abundant sulphide clasts. Groundmass is poorly banded. Slightly porous.
	176	4	177	4	112	64	18	12	16	5XZG ± X MINOR ± VUGGY High grade, highly fractured, poorly banded, massive pyritic sulphides. Slightly porous. No visible weathering. Grade + 15% Top 0.3m highly broken along fractures Recovery = 100%
	177	4	178	2	113	64	18	12	17	5XZG POROUS Massive pyritic sulphide breccia: Angular clasts of coarser pyrite up to 2-3 cm in darker, fine-grained high grade sulphide matrix. No visible oxidation Recovery = 100%
	178	2	178	9	114	64	18	12	18	5XZG VERT. POROUS SAME AS 13. UNIT IS MORE POROUS THAN 13. "ABSORBS" H ₂ O. Unit is locally friable. No visible oxidation. RECOVERY = 100%
	178	9	179	7	115	64	18	12	19	5XZG RUBBLE Highly fractured and broken massive massive sulphide breccia as in 13 & 14. Unit is mostly rubble.

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24 26 28 30	34 35		Only 0.3m of rubble recovered. No visible oxidation
						* NOTE - AT 79.7m end of sulphide breccia zone 79.7m to 85.0m is a relatively "clean" well banded high grade massive pyritic/baritic sulphides.
	179 7	810 6		116	64181310	5ZG 1B minor. Locally slightly porous + vuggy. very high grade - local "micro brecciated" texture banding is thick - up to 10cm defined by local very (concentrations) of sphalerite + galena. Local minor barite in matrix Recovery = 100% No visible weathering - should make good concentrate
	806	811 7		117	64181311	7ZG Thickly banded, high grade massive baritic sulphides. Excellent Grade Core is "clean, fresh, unoxidized" no unusual textures. - NICE STUFF. nonporous. PICTURE TAKEN AT 81.1
	811 7	812 8		118	64181312	5ZG 1B (2ZG) 80:20 Local vugs Thickly banded, high grade massive sulphides with local broken clasts up to 3-4cm of ribbon banded slightly carbonaceous quartzite. Unit is highly fractured quartzite clasts local vugs in fractures.

CURRAGH RESOURCES INC.
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
												Unit is unoxidized Recovery = 100%.
	1812	1813	1815	1196	17181313	52G ± g High grade, thickly banded massive pyritic sulphides. Contains local minor rounded clasts of quartzite up to 3cm Ø "floating" in high grade sulphides. Ductile flow textures around clasts. Some remobilization of sulphides into fractures in clasts Contains local steep fractures which are locally wuggy. Core is "fresh", slightly broken, recovery = 100%						
	1813	1815	1815	1210	617181314	52G Porous. Highly broken, high grade, massive pyritic sulphides Thickly banded, porous to locally very porous in bands. Core is very broken due to abundant ^{late} steep fractures 1.1m recovered. Core is fresh, no visible oxidation.						
	1815	1815	1819	1211	614181315	52G-X HIGHLY BROKEN High grade massive pyrite fragments and pyrite sand. Grains on fracture surfaces slightly oxidized. Core is porous - highly fractured, related to fault at 87.5 m. 0.4m spread out recovered.						

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 36		
	1815 9	1817 3		1212 614181316	5 ZGX (2 ZGX)	60:40 Large clasts of high grade sphalerite rich carbonaceous quartzite and highly fractured, high grade massive pyritic sulphides. Part of a significant fault zone. Bottom contact is fault shear, gouge + breccia. Shear is $\approx 15^\circ$ to core axis. Slight oxidation on fracture surfaces. Core is surprisingly competent. Local minor vugs in fractures. Quartzite clasts are up to 0.4 m with irregular angular margins. Recovery = 100%.
	1817 3	1817 7		1213 614181317	72	GOUGE AND BRECCIA Highly fractured and broken pyritic quartzite and high grade massive sulphide fragments and gouge. Porous + friable 0.3 m recovered. NOT A REPRESENTATIVE SAMPLE
	1817 7	1818 6		1214 614181318	2 ZG	Locally fractured and vuggy. High grade sph \gg py richly banded moderately carbonaceous quartzite. Core is locally "etched" along fractures. Slight oxidation (darker coloured sulphides) on fracture surfaces. Core is very broken along local fractures. P ₂ content increases moving down the interval.

CURRAGH RESOURCES INC.
Lithologic Log

Core	From		To		Recov.			No.			Unit			Description
	10	14	16	20	22	24	26	28	30	34	35			
	1818	6	1819	6					125	64181319	52G X			Massive high grade massive sulphide clast. Contacts X-cut S ₂ and are sharp. Core is moderately waxy (4-5%) and porous. No visible oxidation. Recovery < 100%
	1819	0	1910	4					126	64181410	22G			TYPICAL GRVM HIGH GRADE CARBONACEOUS QZITE. Ribbon banded sph >> py carbonaceous quartzite. Some jointing + fracturing. Core locally "etched" along fractures. No visible weathering. Est grade 15-16%. Recovery = 100%. Abundant re-mob of SPH into late fractures. SHOULD MAKE GOOD CONCENTRATE.
	1910	4	1910	6					127	174	FAULT - NO SAMPLE			Soft grey, black gouge, broken core with fragments of white quartz. 0.3 m spread out recovered.
	1910	8	1912	4					128	64181411	2 ± 2G ± X			Locally high grade thinly banded carbonaceous quartzite breccia. Py more abundant than #26. Locally broken along steep fractures near // to C.A. Core locally polished on steep shear planes. Individual clasts are large, up to 0.3 m - no matrix between clasts.

Code	From	To	Recov. No.	Unit	Description
	1 10	14 16	20 22 24 26 28 30	34 35	
					Slight weathering on fracture surfaces.
	9134	9134	1219	6141B1912	2 ZG-X
					Highly fractured and broken high grade slightly carbonaceous quartzite. Abundant fractures related to significant fault zone immediately below this unit. Fractures have locally been "flooded" with red-brown sph + lesser disseminated pyrite. Local, highly polished steep shear planes near top of interval. Steep fault 15° to C.A. at bottom of interval.
					* END OF UPPER ORE ZONE *
	9134	11198	1310	WAISITIE	Light grey - locally altered, noncarbonaceous shalyite
	11198	11209	1311	6141B1413	5 ZG-X ± B minor.
					Medium to low grade bronze-brown massive pyritic sulphide breccia. Top contact is fault shear 11° to core axis - PICTURE TAKEN. Clasts range in size from 1-2mm to 5cm, marginal are angular to subangular. Clast are generally barren massive white matrix is high grade base metal sulphides with some barite. Excellent coreing & recovery. Locally slightly vuggy. Recovery = 100%.

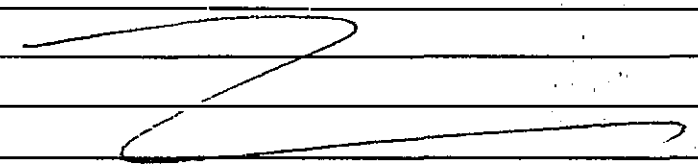
Code	From	To	Recov.	No.	Unit	Description				
	10	14	16	20	22 24	26 28	30 34	35		
	11204	11220		132	641814	52G (72G)	95:5			
						Massive thinly bedded high grade pyritic sulphides				
						(core is porous to locally very porous. Picture taken				
						of 20 cm thick very porous interval at 121.0 m.				
						Some minor fracturing. Contains local clasts of sulphides				
						2-5 cm - much less abundant than #31. One large				
						subrounded clast of baritic sulphides 121.2 to 121.4				
						Core intact Recovery = 100% Some local oxidation				
						coatings (dark brown surfaces) on grains in more porous				
						intervals				
	11220	11239		133	641815	52G _{9X} → 32GX				
						sulphide "flooded" high grade highly fractured massive py				
						sulphide / quartzite breccia. Abundant sph, pyrit infilling fractures				
						and forming matrix of breccia. Siliceous clasts are				
						large up to 30 cm, angular and subrounded margins,				
						some smaller massive pyrite clasts. SiO ₂ = 30%				
						Core locally vuggy along fractures. No visible				
						oxidation.				
						Recovery = 100%.				
	11239	11253		134	641816	52GX				
						Very high grade massive sulphide tectonic breccia.				
						Contains abundant angular to subrounded clasts of barren				
						brassy massive sulphide in matrix of very high grade				
						and barren massive sulphide matrix is 100% of unit.				

DDH 91G-48
2 8

CURRAGH RESOURCES INC.
Lithologic Log

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Date: 4/23/91 Logged By: cur

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
												Clasts range in size up to 15 cm. Average is 1 to 2 cm. Locally slightly waxy in fractures. No visible oxidation. Some local small angular clasts of white quartzite. Core is intact, recovery = 100%.
	11215.3	11216.5		1315	614	1814	17					2P Low grade, mud hard, moderately pyritic ribbon banded carbonaceous quartzite. Abundant local fractures & joints. P ₃ = 25%. Core locally "etched" along fractures. Se surfaces black + mark fingers. No visible oxidation.
	11216.5	11217.7		1316	614	1814	18					2P SAME as 1315
												END OF HOLE AT 127.7 m.
												

CODE	FROM	TO	SAMPLE	INTR.	REG (m)	UNIT	DESCRIPTION						
1	10	14	16	20	22	26	28	30	32	34	36	40	42
	166	7	168	1	64	18	11	7			5X	ZG	± @
	168	1	168	9	64	18	11	8			5X		
	168	9	169	7	64	18	11	9			5X		± ZG ± B
	169	7	171	2	64	18	21	0			21		
	171	2	171	9	64	18	21	1			21		(49# ± j minor) 50:50
	171	9	173	7	64	18	21	2			7K	ZG	
	173	7	174	6	64	18	21	3			7Z	G	
	174	6	175	8	64	18	21	4			5X	ZG	
	175	8	176	7	64	18	21	5			5X	ZG	
	176	7	177	4	64	18	21	6			5Z	G	
	177	4	178	2	64	18	21	7			5X	ZG	
	178	2	178	9	64	18	21	8			5X	ZG	
	178	9	179	7	64	18	21	9			5X	ZG	
	179	7	180	6	64	18	21	0			5Z	G	
	180	6	181	7	64	18	21	1			7Z	G	
	181	7	182	8	64	18	21	2			5Z	G	± B (ZG) 80:20
	182	8	183	5	64	18	21	3			5Z	G	± g clasts
	183	5	185	0	64	18	21	4			5Z	G	
	185	0	185	9	64	18	21	5			5Z	G	X
	185	9	187	3	64	18	21	6			5Z	G	X
	187	3	187	7	64	18	21	7			7K		Gauge 4 & 1A
	187	7	188	6	64	18	21	8			2Z	G	
	188	6	189	0	64	18	21	9			5Z	G	X
	189	0	190	4	64	18	21	0			2Z	G	
	190	4	190	8	MA	IS	T	E					
	190	8	192	4	64	18	21	1			21		± ZG ± X
	192	4	193	4	64	18	21	2			2Z	G	X
	193	4	111	19	8	MA	IS	T	E				
	111	19	112	0	64	18	21	3			5Z	G	X
	112	0	112	2	64	18	21	4			5Z	G	± B minor
	112	2	112	3	64	18	21	5			5Z	G	(7ZG) 95:5
	112	3	112	3	64	18	21	6			5Z	G	9X → 5ZG X
	112	3	112	5	64	18	21	7			5Z	G	X
	112	5	112	6	64	18	21	8			21A		
	112	6	112	7	64	18	21	9			21A		
													ΣOK 127.7m

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-49 (xx)

Reference Fabric Orientation Diagram:

Project: _____

Location: GRUM PIT

Claim: _____

Terr. Plane Co-ords.: 6122.4 N

2625.6 E

Grid Co-ords: _____

Elevation: 1275.1

All symmetry determinations looking

Total Depth: 93.0 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91-649 (XX)
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 3 12Date: AP18/91 Logged By: D. TENNEY

From	To	Recov.	No.	Unit	Description	
10	14	20	24	28	34	16 22 26 30 35
0	0	21	0		84	TRICORNER - NO RECOVERY OVERBURDEN - GRANITE BOULDERS FROM 2.0 + SAND
21	0	52	1			
52	1	53	9		120	GRADE - W
						DARK GREY GREEN MUSCOVITE CHLORITE PHYLLITE - WELL FOLIATED (50-60°) V. WELL JOINTED - BROKEN - MUDDY LOOSE GRAF.
53	9	57	9		120	GRADE - W
						DARK GREY/GREEN MUSCOVITE CHLORITE PHYLLITE + FOLIATIONS 30-60° WELL JOINTED MUDDY IN PLACES, ESPECIALLY LAST 30 CM.
57	9	59	8		130	GRADE - W
						DARK GREY/BLACK CARBONACEOUS PHYLLITE - JOINTED WITH SOME MUD ON PARTINGS - FOLIATION 30-45°.
59	8	60	4		144	(SXGZ) 90:10 GRADE - L
						MUDDY LIGHT BROWN METASANDSTONE WITH GREEN FUCHSITE 7cm BLOCK MASSIVE PYRITIC ORE WITH TECTONIC BRECCIA TEXTURE - FRAGMENTIC SUB-ROUNDED AND MINERALISED - MATRIX MINERALISE + F. OR SPHALERITE & GALENA.
60	4	60	7		15	ZGX GRADE - H
						MASSIVE PYRITIC SULPHIDES - TECTONIC BRECCIA WITH 0.5 - 4cm SUB-ROUNDED PYRITE FRAGMENTS SOMETIMES MINERALISED Pb+ZnS IN MINERALISED PYRITIC MATRIX - VERY HIGH GRADE IN PLACES

DDH 9.1.64.9
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 4 12
Date: _____ Logged By: _____

From	To	Recov.	No.	Unit	Description						
10	14	16	20	22	24	26	28	30	34	35	
6107	6134				5	ZG					GRADE - H/V
											MASSIVE FINE GRAINED PYRITIC SULPHIDES WITH SOMETIMES
											VERY HIGH GRADE PATCHES DISSEMINATED SPHALERITE AND
											GALENA - BANDING (S ₂ ?) AT ± 5-10° IN CORE.
											VERY MINOR PATCH SILICEOUS ORE AT 60.9m - CA ± 5°
											GOOD CORING. - IS THIS NAME OF FOLD? 62.2m - CONTACT
											SZ.G/HZG AT 15°
6134	6148				7						GRADE - V
											MASSIVE BARITIC ORE WITH PATCHES RICH IN FINE
											GRAINED PYRITE BANDING (FOLIATION) AT VERY LOW ANGLE
											2cm BAND METABASITE AT 65.0m + GREEN FLUORITE.
											GOOD CORING
6148	6151				4	ZG					GRADE H/V
											SILICEOUS PYRITIC SULPHIDES PATCHES HEAVY SPHALERITE
											GALENA - GOOD CORING - BANDING (S ₂ FOLIATION) IN
											SULPHIDES AT 25°
6151	6169				5	ZG					GRADE - L
											MASSIVE FINE GRAINED PYRITIC SULPHIDES PARTLY UGGY
											(2% UGGY) DIS. HEAVY SPHALERITE GALENA IN PATCHES - FEW SECTIONS
											UNMINERALISED - MODERATE CORING JOINED AT END.
6169	6186				7						GRADE - V
											MASSIVE BARITIC ORE
											FINE GRAINED PYRITE - BANDING IN PATCHES 3m - IN BARITE MATRIX

DDH 9 - G.4.4
2 8CURRAGH RE. URCES INC.
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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
												GOOD CORING - SOME JOINTING
	1618	1618	1618			15	ZGX					GRADE - L
												MASSIVE PYRITIC SULPHIDES - TECTONIC BRECCIA (0.25-3cm SUBROUNDED FRAGMENTS - MINOR SPHALERITE GALENA MAINLY IN STRIPES) - GOOD CORING.
	1618	1618	1618			17						GRADE - ✓
												MASSIVE GREY BARITIC ORE - BANDING AT LOW ANGLE (5°)
	1619	1619	1619			15	ZX					GRADE - M
												TECTONIC BRECCIA WITH PYRITE FRAGMENTS AS ABOVE. LARGELY VERY LOW GRADE BUT WITH HIGH GRADE PATCHES TOWARDS END.
	1619	1619	1619			15	ZG					GRADE - M
												MASSIVE PYRITIC SULPHIDES - HEAVY SPHALERITE/GALENA IN PLACES 2" OR MORE BROAD BANDING (S2 FOLIATION?) AT LOW ANGLE. GOOD CORING.
	1710	1710	1710			17						
												GREYISH HIGH GRADE BARITIC ORE WITH BANDING (S2 FOLIATION) AT LOW ANGLE (~20°) - SHORT SECTION METABASITE 70.7-70.8 WITH FUCHSITE - GOOD CORING
	1711	1711	1711			15						GRADE - L

DDH 9 G.4.5
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 46 12
Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22	24 26	28 30	34 35
						MASSIVE PYRITIC SULPHIDES + FRAGMENTAL TEXTURE (TECTONIC BRECCIA) - 3% VUGS - GOOD CORING.
	1712 3	1713 2			17	GRADE - H MASSIVE UNIFORM BARITIC ORE - BANDING (J2 FOLATION) 45° 2% VUGS - GOOD CORING. - FINE GRAINED ZNS - PLS
	1713 2	1715 3			5	ZG. GRADE - M MASSIVE FINE GRAINED PYRITIC ORE - MINOR BARITE + FINE GRAINED SPHALERITE/GALENA. - GOOD CORING SOME JOINTING.
	1715 3	1715 4			1414	GRADE L METABASITE LYKE + GREEN EUCALITE - MUDDY + ANKERITE, PYRITE (8%)
	1715 4	1716 4			5	ZGB GRADE M MAINLY MASSIVE PYRITIC SULPHIDES WITH SECTIONS OF BARITE AT START AND END - SPHALERITE + GALENA MAINLY AS BLENDS IN PYRITE NOT HIGH GRADE - GOOD CORING
	1716 4	1716 5			1414	GRADE - BROKEN CORE WITH FRAGMENTS METABASITE + EUCALITE.
	1716 5	1717 4			5	BZG GRADE M MASSIVE PYRITIC SULPHIDES <10% GREY BARITE MATRIX - FINE GRAINED DISC ZNS + PLS - MINOR METABASITE + EUCALITE MAINLY BROKEN CORE - WEAKLY LEACHED - POROUS

DDH 9 - G.4.9
2 8CURRAGH RESOURCES INC.
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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16	20 22 24 26 28 30 34 35				
	1717 4	1719 6			15	GRADE L MASSIVE PYRITIC SCLATHOED BANDING 50° (S2?) - TRACES Pbs. ZnS. JOINTED PARTLY BROKEN CORE 3CM METABASITE DYKE AT 79.4 (77° CONTACT)
	1719 6	1810 2			15 (44)	50:50 GRADE L/W MASSIVE PYRITIC SCLATHOED + BROKEN CORE WITH FRAGMENT. METABASITE + FUCHSITE. - PYRITE IS VUGGY (3% VUGS)
	1810 2	1810 8			15	GRADE W MASSIVE FINE GRAINED PYRITE - BARREN - 2% VUGS: 10CM INCLUSION OF S2 AT 80.5M - GOOD CORING.
	1810 8	1812 8			17	GRADE H. MASSIVE BARITIC ORE - PYRITE (60%) TINGED GREY BY BARITE (30%) BANDED (75°) - FAIR CORING, SOME BROKEN CORE.
	1812 8	1813 4			5 (S2Q)	LIGHT BUFF BROWN ALTERED PHYLLITE + PDS WHITE VEIN QTZ SECTIONS FINE GRAINED PYRITE UP TO 30CM FOLIATION (S2) AT HIGH ANGLE ~ 80° - GOOD CORING -
	1813 4	1814 7			152	LIGHT BUFF BROWN/GREEN ALTERED MUSCOVITE SERICITE TALL PHYLLITE, MAINLY STRONGLY JOINTED TO BROKEN WITH SOME MUD - FOLIATION AT HIGH ANGLE (~80°).

DDH 9 649
2 8

CURRAGH RESOURCES INC.
Lithologic Log

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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24 26 28 30	34 35		
	814 7	819 5			310 g ₂	GRADE W BLACK CARBONACEOUS PHYLITE WITH SECTIONS STRONGLY SILICIFIED - FOLIATION 40-60° - VERY JOINTED (DISCING) AND BROKEN WITH BLACK MUD GOUGE ON BREAKS.
	819 5	910 5			1712	FAULT GRADE W BLACK FAULT GOUGE + BRECCIA FRAGMENTS UPR CONT 61° LOWER CONTACT STRONGLY BRECCIATED + QZ + PYRITE FRAGMENTS
	910 5	912 0			15 ZGX	GRADE H. MASSIVE PYRITIC ORE WITH DISSEMINATED SPHALERITE + GALENA FRAGMENTAL TEXTURE (TECTONIC BRECCIA) COMMON - GOOD CORING.
	912 0	913 0			1712	FAULT GREY FAULT GOUGE WITH FRAGMENTS WHITE VEIN QZ. 73.0 E.O.N.

DDH 9.1-6.4.9.

CURRAGH RESOURCES INC.

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 Logged by D. TEUNY

ASSAY LOG (SAMPLER'S COPY) Date AP 18/91 Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION	
	1	10	14	16	20	22	26	28	30	32	34	36		40
	5191	12	6101	17	6447	11	10						15	
	6101	17	6121	10	1471	12	11						15	
	6121	10	6131	14	1471	13	11						17	
	6131	14	6151	11	1471	14	11						17	
	6151	11	6161	19	1471	15	11						15	
	6161	19	6181	16	1471	16	11						17	
	6181	16	7101	14	1471	17	11						15	
	7101	14	7111	19	1471	18	11						17	
	7111	19	7131	12	1471	19	11						17	
	7131	12	7151	13	1481	20	11						15	
	7151	13	7161	15	1481	21	10						15	
	7161	15	7171	14	1481	22	10						15	
	7171	14	7191	16	1481	23	12						15	
	7191	16	8101	18	1481	24	11						15	
	8101	18	8121	18	1481	25	12						17	
	8121	18	8131	14	1481	26	10						15	
	9101	15	9121	10	6448	17	11						15	
														ECHD

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-50 (AAA)

Reference Fabric Orientation Diagram:

Project: _____

Location: Gizum Pit

Claim: _____

Terr. Plane Co-ords.: 6183.1 N

2708.0 E

Grid Co-ords: _____

Elevation: 1278.4

All symmetry determinations looking

Total Depth: 103.6 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped:
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 9-450 (AAA)
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 3 of 14Date: AP 20/91 Logged By: D. TENNEY

Code	From	To	Recov.	No.	Unit	Description
	10 (m)	14 (m)	20	22 24 26 28	30 34 35	
	10 0	13 10			18 4	TRICONED - OVERBURDEN
	13 10	13 8 7				OVERBURDEN - GRANITE BOWLDERS METABASITE PHYLLITE
	13 8 7	14 2 5			12	ZG GRADE H. GREY RIBBON BANDED CARBONACEOUS QUARTZITE - STRONGLY SILICIFIED - WEAKLY CARBONACEOUS - DISSEMINATED PYRITE (10%) HEAVY IN PLACES - S.S. FINE GRAINED SPHALERITE AND GALENA MAJORITY IN S2 FOLIATION (51°) FAIR CORING JOINTED IN PLACES MINOR LOST CORE.
	14 2 5	14 16 3			15	ZG GRADE H. MASSIVE PALE BRASSY YELLOW PYRITE WITH BANDS + PATCHES OFTEN HEAVY DISSEMINATED SPHALERITE/GALENA GIVING CORE REDDISH TINGE - SECTION IS WEAKLY SILICEOUS AND THERE IS MINOR BLACK PHYLLITIC BANDING APP. 5-44.7 FOLIATION 43° - FINE BANDING (? S2 FOLIATION) IN MASSIVE PYRITE AT 35° FAIR/GOOD CORING MODERATE JOINTING - END OF SECTION IS VERY HIGH GRADE
	14 16 3	14 17 8			14	ZGL* GRADE H. BROKEN AND WEAKLY OXIDISED SILICEOUS PYRITIC SULPHIDES - HIGH GRADE SPHALERITE/GALENA IN PATCHED (FINE GRAINED) PATCH PALE GREEN MALACHITE ON S2 FOLIATION AT 48.5m - MINOR GAUGE AT 46.4m
	14 17 8	14 19 4			13	ZG (2) GRADE M/H.

DDH 9 - 9,50
2 8

CURRAGH RESOURCES INC.
Lithologic Log

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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10	14 16	20	22 24 26 28 30	34 35	
						GRAPHITE - PALE GREEN GRANOS ACTED PHYLITE + SERICITE HEAVY FINE GRAINED PYRITE IN PATCHES - SPHALERITE AND GALENA ASSOCIATED WITH ZINED HEAVIER SILICIFICATION. - FOLIATION 42° - WELL JOINTED BUT FAIR CORING.
	1494	1507			1310 - P	GRADE L. GREY AND BLACK FOLIATED AND SILICIFIED WEAKLY CARBONACEOUS SCHIST (OR PHYLITIC CARBONACEOUS QUARTZITE) JOINT SURFACES SILVERY BLACK FOLIATION 35° - WELL JOINTED // S2 FAIR/GOOD CORING. - MINOR SPHALERITE/GALENA.
	1507	1519			1319 QZGX	GRADE H GREY/RED SILICIFIED BRECCIA + FRAGMENT SILICIFIED GRAPHITIC PHYLITE - LOW IN PYRITE (10%). EXCEPT TOWARD END. - MATRIX IS SILICIOUS WITH VERY HEAVY RED SPHALERITE + GALENA MIXED WITH WHITE VEIN QUARTZ - REMNANT OF CHLORITIC PHYLITE S1.1 - S1.2 WITH CONTACT AND S2 FOLIATION AT 52° - FAIR CORING - MODERATE JOINTING.
	1519	1536			1210 SQ	GRADE W VERY PALE GREY BLEACHED MUSCOVITE CHLORITE PHYLITE WITH VERY THIN (1MM) BANDS/STRINGERS SERICITE WELL JOINTED CORE WITH RUBBLE + MINOR GOUGE AT START AND END OF SECTION - TENDENCY FOR S2 SURFACES TO BE DULL SILVERY (GREEN) FAIR CORING. - FEW PATCHES IRREGULAR WHITE VEIN QUARTZ

CURRAGH RESOURCES INC.
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24 26 28	30	34 35	GREY/DARK GREY MUSCOVITE CHLORITE QUARTZ PHYLLITE WITH S2 FOLIATION AT LOW ANGLE (1°) - A LOW ANGLE SHEAR FABRIC CONTINUED IN CORE TO 73.3. MINOR (5%) WHITE VEIN QUARTZ - CORE IS WELL JOINTED TO BROKEN
	1618.1	1618.5			1210 _{o,p}	GRADE L STRONGLY FOLIATED AND SILICIFIED DARK GREY/BLACK MUSCOVITE QUARTZ CHLORITE PHYLLITE + 10% DISC FGR PYRITE MAINLY IN MORE SILICEOUS LAYERS + SPHALERITE (3%) GALENA (1%) FOLIATION 34° - GOOD CORING
	1618.5	1619.1			1512 _o	GRADE W PALE GREEN FOLIATED MUSCOVITE SERICITE QUARTZ CHLORITE ALTERED PHYLLITE STRONGLY SILICIFIED FROM 68.8-69.1 - WITH LOW ANGLE SHEAR FABRIC. (15°) S2 APPEARS TO BE ~ 90° LOCALLY FAIR CORING BUT JOINTED - SOFT PARTLY LEACHED TO 68.8m TRACE ZNS, PBS, CPY; 4% PYRITE. MAINLY CONCENTRATED IN MORE SILICEOUS BANDS.
	1619.1	1713.5			1210 _{g, Pg → 2}	GRADE L GREY TO BLACK SILICIFIED MUSCOVITE QUARTZ CHLORITE PHYLLITE 15% DISC. PYRITE. S2 PARTINGS ARE CARBONACEOUS - PERSASIVE LOW ANGLE SHEAR FABRIC THROUGHOUT - TR. DISC ARSENOPIRYTE (71.1m) SPHALERITE (3%) GALENA (1%) HEAVY FROM 71.3-71.6.
						VTG GRADE M/H

DDH 9 - G.S.D.
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 7 of 14

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
												WHITE QTZ VEIN (40%) WITH MARGINS MAINLY REPLACED BY PYRITE (40%) SPHALERITE (5%) GALENA (2%) S2 FOLIATION (47°) VEIN CONTACTS - GOOD LORING MODERATE JOINTING.
	1714	1716			120	ng Pz → 2						GRADE W FOLIATED GREY/BLACK BANDED MULLONITE CHLORITE PHYLLITE - STRONGLY SILICIFIED AND WEAKLY GRAPHITIC - HEAVY CONCENTRATIONS PYRITE (20%) MAINLY IN SILICEOUS LAYERS. 75.0 - 76.0 'M' FOLDS + LIMBS AT 58°
	1716	1717			120	ng PZG						GRADE H AS ABOVE BUT MORE FOLIATED (24°) AND LESS PYRITE (15%) HEAVY RED SPHALERITE + GALENA - SULPHIDES MAINLY IN BANDS S2 - GOOD LORING
	1717	1717			15	ZG						GRADE H MASSIVE PALE GRASSY YELLOW PYRITIC MASSIVE SULPHIDES. POROUS (4%) & VUGGY (2%) BUT GOOD LORING - 0.5 CM BANDS WITH SPHALERITE (8%) GALENA (3%) - GOOD LORING
	1717	1810			120	ng PZG						GRADE L AS 76.5 - 77.3 FOLIATED 23° - 20% DISSEMINATED PYRITE CONCENTRATED IN MORE SILICEOUS BANDS PATCHES BLS. SPHALERITE/GALENA - NOT HIGH GRADE - FAIR LORING MODERATE JOINTING

DDH 91-G.S.O.

CURRAGH RESOURCES INC.

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 Logged by D. TENNEY

ASSAY LOG (SAMPLER'S COPY) Date Apr 23/91 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					
		12	18	7	14	10	2	6	4	6	9	0	1	5	1	1	4		2
		14	0	2	14	1	7	16	9	1	1	5							2
		14	1	7	14	2	5	16	9	2	0	8	10	7					2
		14	2	5	14	3	4	16	9	3	1	1	10	8					5
		14	3	4	14	4	3	16	9	4	1	1	10	7					5
		14	4	3	14	5	2	16	9	5	1	1	10	7					4
		14	5	2	14	6	1	16	9	6	1	1	10	6					3
		14	6	1	14	7	0	16	9	7	1	1	10	5					3
		14	7	0	14	8	9	16	9	8	1	1	10	4					3
		14	8	9	14	9	8	16	9	9	1	1	10	3					3
		14	9	8	14	10	7	16	9	10	1	1	10	2					3
		14	10	7	14	11	6	16	9	11	1	1	10	1					2
		14	11	6	14	12	5	16	9	12	1	1	10	0					2
		14	12	5	14	13	4	16	9	13	1	1	10	0					2
		14	13	4	14	14	3	16	9	14	1	1	10	0					2
		14	14	3	14	15	2	16	9	15	1	1	10	0					2
		14	15	2	14	16	1	16	9	16	1	1	10	0					2
		14	16	1	14	17	0	16	9	17	1	1	10	0					2
		14	17	0	14	18	9	16	9	18	1	1	10	0					2
		14	18	9	14	19	8	16	9	19	1	1	10	0					2
		14	19	8	14	20	7	16	9	20	1	1	10	0					2
		14	20	7	14	21	6	16	9	21	1	1	10	0					2
		14	21	6	14	22	5	16	9	22	1	1	10	0					2
		14	22	5	14	23	4	16	9	23	1	1	10	0					2
		14	23	4	14	24	3	16	9	24	1	1	10	0					2
		14	24	3	14	25	2	16	9	25	1	1	10	0					2
		14	25	2	14	26	1	16	9	26	1	1	10	0					2
		14	26	1	14	27	0	16	9	27	1	1	10	0					2
		14	27	0	14	28	9	16	9	28	1	1	10	0					2
		14	28	9	14	29	8	16	9	29	1	1	10	0					2
		14	29	8	14	30	7	16	9	30	1	1	10	0					2
		14	30	7	14	31	6	16	9	31	1	1	10	0					2
		14	31	6	14	32	5	16	9	32	1	1	10	0					2
		14	32	5	14	33	4	16	9	33	1	1	10	0					2
		14	33	4	14	34	3	16	9	34	1	1	10	0					2
		14	34	3	14	35	2	16	9	35	1	1	10	0					2
		14	35	2	14	36	1	16	9	36	1	1	10	0					2
		14	36	1	14	37	0	16	9	37	1	1	10	0					2
		14	37	0	14	38	9	16	9	38	1	1	10	0					2
		14	38	9	14	39	8	16	9	39	1	1	10	0					2
		14	39	8	14	40	7	16	9	40	1	1	10	0					2
		14	40	7	14	41	6	16	9	41	1	1	10	0					2
		14	41	6	14	42	5	16	9	42	1	1	10	0					2
		14	42	5	14	43	4	16	9	43	1	1	10	0					2
		14	43	4	14	44	3	16	9	44	1	1	10	0					2
		14	44	3	14	45	2	16	9	45	1	1	10	0					2
		14	45	2	14	46	1	16	9	46	1	1	10	0					2
		14	46	1	14	47	0	16	9	47	1	1	10	0					2
		14	47	0	14	48	9	16	9	48	1	1	10	0					2
		14	48	9	14	49	8	16	9	49	1	1	10	0					2
		14	49	8	14	50	7	16	9	50	1	1	10	0					2
		14	50	7	14	51	6	16	9	51	1	1	10	0					2
		14	51	6	14	52	5	16	9	52	1	1	10	0					2
		14	52	5	14	53	4	16	9	53	1	1	10	0					2
		14	53	4	14	54	3	16	9	54	1	1	10	0					2
		14	54	3	14	55	2	16	9	55	1	1	10	0					2
		14	55	2	14	56	1	16	9	56	1	1	10	0					2
		14	56	1	14	57	0	16	9	57	1	1	10	0					2
		14	57	0	14	58	9	16	9	58	1	1	10	0					2
		14	58	9	14	59	8	16	9	59	1	1	10	0					2
		14	59	8	14	60	7	16	9	60	1	1	10	0					2
		14	60	7	14	61	6	16	9	61	1	1	10	0					2
		14	61	6	14	62	5	16	9	62	1	1	10	0					2
		14	62	5	14	63	4	16	9	63	1	1	10	0					2
		14	63	4	14	64	3	16	9	64	1	1	10	0					2
		14	64	3	14	65	2	16	9	65	1	1	10	0					2
		14	65	2	14	66	1	16	9	66	1	1	10	0					2
		14	66	1	14	67	0	16	9	67	1	1	10	0					2
		14	67	0	14	68	9	16	9	68	1	1	10	0					2
		14	68	9	14	69	8	16	9	69	1	1	10	0					2
		14	69	8	14	70	7	16	9	70	1	1	10	0					2
		14	70	7	14	71	6	16	9	71	1	1	10	0					2
		14	71	6	14	72	5	16	9	72	1	1	10	0					2
		14	72	5	14	73	4	16	9	73	1	1	10	0					2
		14	73	4	14	74	3	16	9	74	1	1	10	0					2
		14	74	3	14	75	2	16	9	75	1	1	10	0					2
		14	75	2	14	76	1	16	9	76	1	1	10	0					2
		14	76	1	14	77	0	16	9	77	1	1	10	0					2
		14	77	0	14	78	9	16	9	78	1	1	10	0					2
		14	78	9	14	79	8	16	9	79	1	1	10	0					2
		14	79	8	14	80	7	16	9	80	1	1	10	0					2
		14	80	7	14	81	6	16	9	81	1	1	10	0					2
		14	81	6	14	82	5	16	9	82	1	1	10	0					2
		14	82	5	14	83	4	16	9	83	1	1	10	0					2
		14	83	4	14	84	3	16	9	84	1	1	10	0					2
		14	84	3	14	85	2	16	9	85	1	1	10	0					2
		14	85	2	14	86	1	16	9	86	1	1	10	0					2
		14	86	1	14	87	0	16	9	87	1	1	10	0					2
		14	87	0	14	88	9	16	9	88	1	1	10	0					2
		14	88	9	14	89	8	16	9	89	1	1	10	0					2
		14	89	8	14	90	7	16	9	90	1	1	10	0					2
		14	90	7	14	91	6	16	9	91	1	1	10	0					

ad	From		To		Feature	SYN	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
				1410	3	P1S12						51		
				1415	3	P1S12						316		
				1417	8	P1S12						513		
				1419	0	P1S12						412		
				1419	9	P1S12						315		
				1511	3	P1S12						512		
				1519	2	P1S12						612		
				1611					113					CONTACT
				1611	7	P1S12						711		
				1613	8	P1S12						518		
				1615	7	P1S12						512		
				1616	6				19					SHEAR FABRIC ?
				1618	7	P1S12						314		
				1619	7	P1S12						319		
				1710	3				212					SHEAR FABRIC ?
				1713	3	P1S12						519		
				1715	4									'M' FOLDS. LIMB POINT
														DOWN HOLE (= AXIAL PLANE) AT 58°
														TO CORE AXIS.
				1717	3							717		+ CONTACT
				1719	0	P1S12						813		
				1810	4	P1S12						813		
				1811	5	P1S12						614		
				1816	0	P1S12						719		
				1910	4	P1S12						814		
				1913	5	P1S12						718		
				1918	4	P1S12						717		
				11011	3	P1S12						716		
				11011	4	P1S12						715		

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-51 (YY)

Reference Fabric Orientation Diagram:

Project: _____

Location: Green Pt

Claim: _____

Terr. Plane Co-ords.: 6119.2 N

2655.9 E

Grid Co-ords: _____

Elevation: 1276.1

All symmetry determinations looking

Total Depth: 93.0 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	<u>CORE</u> From	To	Collar Cased and Capped: _____
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 91-G.51 (YY)

2

8

CURRAGH RESOURCES INC.

Lithologic Log

Page 3 12

Date: AP 17/91 Logged By: J. TENNEY

From	To	Recov.	No.	Unit	Description				
10	14	16	20	22 24	26 28	30	34	35	
	00	00	30	5			84		TRIMMED - NO RECOVERY
	30	05	141	8			186		OVERBURDEN - GRANITE BOLLARD + SAND
	41	8	145	7				15	ZGB GRADE H/V
									MASSIVE PYRITIC SULPHIDES DISSEMINATED FINE GRAINED SPHALERITE
									AND GALENA HEAVY IN PLACES - BROKEN - PYRITIC SAND
									42.0-42.3 NO OXIDATION - BARITIC IN PATCHES - FINELY
									POROLLS.
	45	7	146	5				15	ZG GRADE V
									MASSIVE FINE GRAINED PYRITIC SULPHIDES WITH BANDS RICH
									IN SPHALERITE/GALENA (45°); POROLLS - 3% UGS. JOINTED/BROKEN
	46	5	150	5				12	ZG (5) trace GRADE H
									RIBBON BANDED GRAPHITIC QUARTZITE + 2% DISSEMINATED PY.
									FINE GRAINED DISSEMINATED SPHALERITE + GALENA GOOD GRADE
									S ₂ FOLIATION 78° - NOT STRONG - WELL JOINTED/BROKEN
									49.6-49.7 BAND MASSIVE F.G. PY + ZNS + PLS (HIGH GRADE - H)
	50	5	152	1				14	ZG (5) 63:35 GRADE H/V
									MASSIVE FINE GRAINED PYRITIC SULPHIDES WITH BANDS
									ZNS + PLS (75°) HEAVY MATRICES W/ QZ QUARTZ WITH
									20% MATRICES, 10% ZNS 5% PLS. GOOD CORING
	52	1	153	6				154	Q GRADE W
									GREEN ALTERED CHLORITE MUSCOVITE PHYLLITE - VERY SOFT
									FINE GRAINED SULPHIDES

DDH 9.1. G.5.1
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 5 12
Date: _____ Logged By: _____

From	To	Recov.	No.	Unit	Description						
10	14	16	20	22	24	26	28	30	34	35	
1614	1616	1615	5	4	ZG (5)	GRADE - V					
VERY HIGH GRADE SILICEOUS ORE - + FINE GRAINED PYRITE AND SOMETIMES HEAVY SPHALERITE & GALENA. - FAIR CORING SOME BROKEN - FEW BANDS PYRITE RICH NON SILICEOUS.											
1615	1615	1617	10	5	ZG+B	GRADE - H.					
MASSIVE PYRITIC SULPHIDES + ZNS + PBS - VUGGY (4%) - POROUS CORE BROKEN & JOINTED. ZNS BANDING + S. FOLIATION 264°. MINOR BARITE?											
1617	1617	1617	8	1A	ZG.	GRADE - V					
POORLY BANNED SILICEOUS SEMI MASSIVE PYRITE WITH HEAVY DISS. FINE GRAINED SPHAL & GALENA - GOOD CORING - JOINTED PYRITE BANDS NOT STRONGLY MINERALIZED											
1617	1618	1618	2	5	ZGQX	GRADE - H					
MASSIVE PYRITE TECTONIC BRECCIA - UP TO 4CM SUB ROUNDED FRAGMENTS HIGHLY MINERALIZED SEMI MASSIVE SILICEOUS ORE (AS ABOVE) IN MINERALISED PYRITIC MATRIX. FAIR CORING MINOR BROKEN: PYRITIC SAND AT START.											
1618	1618	1710	4	14	ZG	GRADE VV					
SEMI MASSIVE PYRITE - SILICEOUS ORE + WH/GY QTZ IN PYRITE MATRIX - VERY HEAVY LIGHT BROWN SPHALERITE + GALENA FAIR - GOOD CORING SOME JOINTING. VERY HIGH GRADE.											

DDH 9.1. G.5.1
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 4612

Date: _____ Logged By: _____

From	To	Recov.	No.	Unit	Description						
10	14	16	20	22	24	26	28	30	34	35	
1710	4	1711							7		GRADE ✓
											HIGH GRADE MASSIVE BARITIC ORE FORM IN PLACED BANING (FOLIATION) ~ 45°. GOOD CORING SOME JOINTING
1711	1	1715							4	ZG	GRADE ✓
											HIGH GRADE SEMI MASSIVE PYRITIC ORE - SILICEOUS - FOLIATION VARIOUS ANGLES < 45° - GOOD CORING AT END REST BROKEN / JOINTED. - 3% UUGS.
1715	1	1813	2						7		GRADE - ✓
											HIGH GRADE BARITIC ORE - BANED 69° (S ₂) GOOD CORING WITH MINOR BROKEN SECTIONS
1813	2	1814	1						4	7G	GRADE H
											SEMI MASSIVE SILICEOUS PYRITIC ORE + DIS SPHERITE AND GALENA ROLLING BANING OF PYRITE RICH SECTIONS AND SILICEOUS SECTIONS // S ₂ (76°) GOOD CORING
1814	1	1817	1						17	20	FAULT GRADE W
											GREY MUSCOVITE CHLORITE PHYLLITE - HEAVY GOUGE - LOST CORE
1817	1	1819	3						15	12 (72)	GRADE W
											LIGHT BUFF BROWN ALTERED MUSCOVITE QUARTZ CHLORITE PHYLLITE - BROKEN / VERY JOINTED WITH GOUGE IN PLACES
1819	2	1911	5						10	7 - F	GRADE ✓✓

DDH 9.1-9.5.1

CURRAGH RESOURCES INC.

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Logged by D. TENNEY

ASSAY LOG (SAMPLER'S COPY)

Date APR 18/91 Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.				REC (m)	UNIT				DESCRIPTION
	10	14	16	20		22	26	28	30		32	34	36	40	
	1411		1413		64622					11				5	
	143		144		64623					10				5	
	144		145		64624					11				5	
	145		146		64625					10				5	
	146		147		64626					11				2	
	147		149		64627					11				2	
	149		150		64628					11				2	
	150		152		64629					11				4	
	161		162		64630					11				4	
	162		164		64631					11				7	
	164		165		64632					10				4	
	165		167		64633					11				5	
	167		167		64634					10				4	
	167		168		64635					10				5	
	168		169		64636					11				4	
	169		170		64637					11				4	
	170		171		64638					10				7	
	171		173		64639					12				4	
	173		175		64640					12				4	
	175		177		64641					12				7	
	177		179		64642					12				7	
	179		181		64643					12				7	
	181		183		64644					12				7	
	183		184		64645					10				4	
	184		187		64646					13				20	FAULT + PHYLLITE
	187		189		64647					12				52	2-9
	189		191		64648					12				3	
															93.0 EOH

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91- G51

Units: Feet/Metres

Date: APRIL 17/91

Logged By: J. TENNEY

Page 11 of 12

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		
41.8																			
43.6	1.4	0																BROKEN - SAND	
44.5	0.9	0																	
45.4	0.8	0.1																	
46.9	1.5	0.3																	
48.7	1.4	0																	
49.4	0.7	0																	
50.9	1.5	0																	
52.1	1.2	0.7																	
52.6	0.5	0																Fault G. OLIVE LORICOLAE	
55.2	0.9	0																" - BROKEN L.C.	
56.7	1.5	0.2																	
58.1	1.1	nil																	
59.1	0.9	0																Muddy	
60.3	1.1	0																	
61.3	0.8	0																	
62.8	1.5	0.4																	
64.3	1.5	0.6																	
65.8	1.5	0.5																	
66.9	0.8	0.2																	
68.4	1.5	0.7																	
70.1	1.5	1.1																	
71.6	1.5	0.8																	
72.8	1.2	0.3																	
74.4	1.6	0.7																	
75.9	1.5	1.3																	
77.4	1.5	0.7																	
78.9	1.5	0.9																	
79.6	0.5	0.2																	
82.6	3.0	1.4																	

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-52 (ZZ)

Reference: Fabric Orientation Diagram:

Project: _____

Location: Grum Pt

Claim: _____

Terr. Plane Co-ords.: 6123.1 N

2689.6 E

Grid Co-ords: _____

Elevation: 1276.9

All symmetry determinations looking

Total Depth: 93.0 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped:
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	0.0	27.4			BK	CASING					
	27.4	40.2			B6	GRANITIC BULDERS, clay, trace chert frags; very poor recovery					
	40.2	42.7			B8	@ L Rusty brown, non-calcareous, moderately competent matrix is moderately to slightly silty, and hosts poly metric fragments of quartz vein, granitic schistite, and other rock types. Core is very strongly broken, slightly ground and has very poor recovery. Upper and lower contacts consist of ground core					
	42.7	46.4			2	@ H Dark gray to black, non-calcareous, strongly siliceous and strongly mineralized graphitic quartzite is very strongly broken with most core from 1.0-3.0cm in dia and highly ground. Rock is very hard. Recovery is very poor. Locally unit is slightly porous and permeable. Upper contact consists of ground core fragments. Lower contact is sharp, adjacent ground and trends 18' west CA. Estimated grade is 12%					

Code	From	To	Recov.	No.	Unit	Description							
1	10	14	16	20	22	24	26	28	30	34	35		
	A6.14	A6.19			72	→ 20	light gray, non-calcareous gouge is textureless and has poor to fair recovery. Upper contact is sharp and trends @ 18' wnt C.A. Lower contact is also sharp and trends @ 10' wnt C.A.						
	A6.19	A7.3			2	L (30 ± g)	95:05	Dark gray to black, non-calcareous, moderately mineralized graphitic quartzite is strongly banded in variable trends and kyanite is common fractures. Rock is hard, and has good recovery. Unit hosts a 3cm band of graphitic phyllite at the base and quartzite decreasing in silicification and grades into graphitic phyllite. Upper and lower most contacts are sharp and bowed by gouge. Upper contact trends @ 10' wnt C.A. No measurements available for lower contact.					
	A7.3	A8.3			72	→ 20	Light gray, non-calcareous gouge hosts 20% very soft fragments of unit 20 scattered throughout. Trace fragments of unit 2 @ A7.2 occur very sporadically over the lowest 10cm. Unit hosts a moderate to strong shear fabric that trends from // C.A. to slightly oblique C.A. Recovery is very good. Upper contact is sharp						

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24 26 28 30	34 35		
						but no orientation is available. Lower contact is sharp and marked by gouge from next unit down below. Lower contact trends 35 wt C.A.
	A8.3	A9.5		39		(2 → 4L = 72) 85:10:05 Dark gray to black non-calcareous highly graphitic phyllite is soft locally approaching gouge. Internal beds Two bands of silicification and mineralization, whose wisps and fragments of unit 2 occur within a siliceous matrix containing 30-40% pyrite and weak Pb+Zn mineralization. No ribbon banding recorded. Siliceous bands occur at 48.6-48.8 and sporadically over 49.2-49.4. All internal contacts are sharp and // S ₁ . Recovery is good. Upper contact is sharp and trends 35 wt C.A. lower contact is sharp and trends @ 30 wt C.A.
	A9.5	51.1		52	+g ^P → 72	Light greenish yellow, non-calcareous, sericitic phyllite is very soft and common crushed into gouge. Silicification is not common and occurs in 2-5 mm bands parallel a strong P ₂ fabric. Pyrite is scattered throughout siliceous areas. Silicification is generally weak. Rock is generally slightly to very strong crushed → gouge.

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
											Recovery is good. Upper contact is sharp and trends @ 30' west lower contact is crushed but appears // S ₂ .
	51.1	59.1			20	±gP ±s	(47)				98:02
											Medium to light gray, non-calcareous phyllite, is sporadically weakly silicified in <1.0 cm bands trending both parallel S ₂ and less commonly S ₁ . Pyrite is fairly common within siliceous bands, being very fine grained and never consistently more than 1/4" unit. Rock varies from slightly hard to moderately soft, is strongly to moderately broken and has good recovery. Interval supports a single band of non-calcareous unit 47 at 52.4 to 52.7. All contacts are sharp and parallel S ₂ . Sericitic alteration is very weak at best and is more abundant above 52.0m.
	59.1	59.4			20	±gZP	N				
											Medium to light gray, non-calcareous phyllite is S ₂ folded and has sporadic moderately strong silicification in 0.5-1.5 cm band trending // S ₂ . Sporadic bands of silicified phyllite have weak disseminated sph mineralization. Pyrite is also associated with silicification. Rock is moderately hard and slightly cherty though broken and has good recovery. Upper and lower contacts are sharp, parallel S ₂ and n.f.d. as the limits of moderate silicification host a 2-

Code	From	To	Recov.	No.	Unit	Description
	10	14	16	20	22 24 26 28 30 34 35	
						recovery is good. Upper contact is sharp and noted as the start of sericitic alteration. Lower contact is crushed but appears sharp and // S ₂
	67.0	68.4			5	± @ H (4H) 90:10
						Brassy yellow, locally purplish brown, generally non-calcareous massive sulphide unit hosts 60-70% pyrite and sporadic Pb+Zn mineralization that locally is very strong. Interbedded supports 10% bands 5-20cm wide of semimassive sulphides that are moderately siliceous. Semimassive sulphides are generally strongly mineralized. Internal contacts are generally gradational over a few mm. Rock varies from slightly to moderately hard. Upper and lower contacts are sharp and // S ₂
	68.4	69.8			2	± ZG = L
						Dark gray to black, non-calcareous graphitic quartzite hosts 20-25% pyrite and 0-10% sphalerite. Sphalerite mineralization is most intense @ upper contact and grades into no visible sphalerite downhole to 68.8. Ribbon banding is very well developed throughout.

DDH 916-52
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 9 19Date: Apr 91 Logged By: F. Zsolt

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30
											Rocks is very hard, strongly broken and has good recovery. Upper contact is sharp and // S ₂ . Lower contact is also sharp but trends @ 325°/88 wrt S ₂ which dips @ 80 wrt C.A.
	69.8		70.0						AA 4i (47)	60:40 light greenish gray and medium green, non-calcareous, moderately to strongly altered metabasite is fuchsite bearing and hosts a 7cm band of unit 47. Unit 47 is light gray to brown, massive, fine grained and contains moderate to strong Py fabric. Internal contacts are sharp and // S ₂ . Rocks are mod. slightly to moderately soft, strongly broken and have good recovery. Upper most contact is sharp and trends @ 325°/88 wrt S ₂ . Lower contact is sharp and trends // S ₂ .	
	70.0		70.4						52	gP + 2G L light yellowish gray, non-calcareous, unit is moderately to strongly altered to sericite and is generally moderately silicified. Py with sporadic occurrences of Zn+Pb mineralization is common and constitutes 3-5% of unit. Rock is moderately hard, locally soft. Internal is strongly broken and has good recovery. Upper and	

DDH 916-52
 2 8

CURRAGH RESOURCES INC.
 Lithologic Log

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 Date: Apr 19 1991 Logged By: J. Z. C. [Signature]

Code	From	To	Recov.	No.	Unit	Description
	10	14 15	20 22 24 26 28 30	34 35		
						lower contacts are sharp and parallel S ₂ Estimated grade is < 2%
	70.4	77.7			2-	+ 26 N → L Dark gray to black, non-calcareous, strongly siliceous ribbon banded quartzite hosts 20-25% disseminated pyrite. Pb+Zn mineralization is both weak and rare. Rock is very hard, strongly to moderately broken and has good recovery. Upper and lower contacts are sharp and parallel S ₂ Estimated grade is < 2%
	77.7	78.1			3	+s + → 2 M (44# ¹²) 98:02 Light gray locally dark gray to black, non-calcareous unit hosts minor sporadic weakly developed sericitic alteration. Unit appears to be a bleached graphitic quartzite with graphitic material preserved over lowest 10cm. Unit generally moderately mineralized with Pb+Zn occurring as 0.5cm bands tracing S ₂ closely and locally crudely resembling S ₂ . Interval hosts a strongly altered 3cm band of chlorite at upper contact. Rocks are generally hard, strongly broken and have good recovery. Lower and upper contacts are sharp and // S ₂ . Estimated grade is 3-4%

DDH 916-52
2 8CURRAGH RESOURCES INC.
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Date: Apr '91 Logged By: J Zsedak

Core Code	From	To	Recov.	No.	Unit	Description
110	1416	2022	2426	2830	3435	
	78.0	85.0			20	±s ±g P (72) 85:15 Medium gray, non-calcareous phyllite is S ₂ foliated and hosts sporadic sericitic alteration with or without weak silicification and pyrite. Sericitic alteration occurs in bands from 10-30cm wide with both sharp and gradational contacts. Unit hosts 15% cm-dm gouge and crushed bands of variable orientation, but generally at high angle wt S ₂ or parallel S ₂ . Rock is slightly to moderately silt, strongly broken and has good recovery. Upper and lower contacts are sharp and parallel S ₂ .
	85.0	85.7			52	P2G ±g L Tanish-yellow, non-calcareous, strongly to moderately sericitically altered phyllite is rarely silicified and never exceeds and intensity above very weak to weak. Interval hosts 5-7% fine grained Py, Sph, Ga wisps tracing both S ₂ and a poorly preserved S ₁ fabric. Mineralization is independent of silicification. Rock is moderately silt, moderately to strongly broken and has good recovery. Upper and lower contacts are sharp and // S ₂ . Estimated grade is 2%

DDH 916 52
2 8CURRAGH RESOURCES INC.
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From	To	Recov.	No.	Unit	Description
85.7	86.4			30	\pm gPZ \pm \rightarrow 72 N Dark gray to black, non-calcareous, graphitic phyllite is sporadically moderately silicified and hosts moderately and very minor sph. Siliceous mineralized bands are typically 3mm wide and trace S ₂ and the poorly preserved S ₁ fabrics. Unit is locally crushed and approaches gouge. Rock is slightly to moderately soft, locally hard. Recovery is good. Upper contact is sharp and \parallel S ₂ . Lower contact is marked by gouge and appears \parallel S ₂ . Estimated grade is <1%
86.4	86.9			2	N Dark gray to black, non-calcareous, graphitic quartzite is highly siliceous and hosts 7-10% pyrite and 0-1% sph. Ribbon banding is well developed. Upper contact is adjacent gouge but appears \parallel S ₂ . Lower contact is sharp and \parallel S ₂ . No significant grade.
86.9	88.7			20	\pm s \pm sgPZ Medium to light gray, non-calcareous phyllite hosts sporadic moderate to weak sericitic alteration. Alteration makes both upper and lower contacts over 15-20cm.

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28	30		34
											Silicification is limited to the upper most 5cm of interval, where traces of sph exist. Rock is moderately to slightly sil, slightly broken and has good recovery. Upper contact is sharp and // S ₁ . Lower contact is marked by an 8cm white quartz vein with a trace of sph along margins. Vein trends // S ₂ . No grade @ all!
BR.	7		89.	6					2	± → 30g P ± Z N → L Dark gray to black, non-calcareous unit is generally strongly silicified and displays well developed ribbon bedding. Locally unit can be slightly scratched with a nail and lacks ribbon bedding. Unit hosts 10% pyrite and trace 2% sph. Rock is generally very hard, moderately broken and has good recovery. Upper contact is sharp and // S ₁ . Lower contact is sharp and trends @ 190/65 with S ₂ . No grade of significant < 1%.	
	89.	6	90.	2					AA	# # l ± j ± c (47) 85 = 15 Light buff yellow and green, ^v slightly calcareous, strongly altered metabasite contains 10-15% chloritized mafic minerals and 0-3% fuchsite wisps. Rock is moderately sil, and moderately broken. Recovery is good. Upper contact is sharp	

DDH 916-52CURRAGH RESOURCES INC.
Lithologic LogPage 14 of 19Date: Apr '91 Laged By: J. Zschalig

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30
											and trends 190°/67' w. S ₁ . Lower contact is sharp parallel S ₂ and marked by a 10cm band of unit #7
	90.2		90.7						2	→ 74	Dark gray to black, non-calcareous graphitic quartzite is moderately to strongly brecciated and is well bedded and competent. Ribbon bedded was well developed and is highly disturbed by breccia texture. Quartzite contains 7-10% pyrite and trace sph. Rock is hard, slightly broken and has good recovery. Upper and lower contacts are sharp and parallel S ₂
	90.7		93.0						2A	±s (60±PZ60 44"±) 80:20:trace N	Medium to light gray non-calcareous phyllite hosts very sporadic, very weakly developed sericitic alteration scattered throughout interval. Unit hosts 15-20% white to very light gray quartz veins and bbs which host trace py and extremely rare occurrences of 1cm bedded galena & sph. A 2cm band of very strongly altered material occurs at 90.8. Rock is slightly soft with no silicification along vein margins. Unit is strongly broken and has good recovery. Upper contact is sharp and (S ₁). No grade

ASSAY LOG (SAMPLER'S COPY)

Date Apr 91

Sampled by

CODE	FROM			TO			SAMPLE			INTR.			REC (m)			UNIT			DESCRIPTION
	1	10	14	18	20	22	26	28	30	32	34	36	40	42					
		10.0			12.0														WASTE
		12.0			15.0					64520			0.		2				Horendous recovery
		15.0			16.0					521			0.		2				"
		16.0			16.0										2				Gauge fair to poor recovery
		16.0			17.0					522			0.		2				
		17.0			18.0														WASTE
		18.0			19.0					523			1.		30				± 2 → 4L
		19.0			16.5														WASTE
		16.5			16.7					524			1.		52				
		16.7			16.8					525			1.		5				
		16.8			16.9					526			1.		2				
		16.9			17.0					527			0.		44				± 47
		17.0			17.0					528			0.		52				
		17.0			17.2					529			1.		2				
		17.2			17.4					530			2.		2				
		17.4			17.6					531			1.		2				
		17.6			17.7					532			1.		2				
		17.7			17.8					533			0.		3				
		17.8			18.5														WASTE
		18.5			18.5					534			0.		52				
		18.5			18.6					535			0.		30				± 9 P2
		18.6			18.6					536			0.		2				
		18.6			18.8														WASTE
		18.8			18.9					537			0.		2				
		18.9			19.0														WASTE
		19.0			19.0					64538			0.		2				
		19.0			19.3														WASTE
																			FOH @ 93.0

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 91G-53 (FFF)

Reference Fabric Orientation Diagram:

Project: _____

Location: GIRUM PIT

Claim: _____

Terr. Plane Co-ords.: 6545.4 N

2977.9 E

Grid Co-ords: _____

Elevation: 1277.8

All symmetry determinations looking

Total Depth: 93.0 m

_____ with _____ dipping

Inclination: _____

_____ with dip azimuth _____

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

From	To	Recov.	No.	Unit	Description	
10	14 16	20 22	24 26	28 30	34 35	
0.0	1.0			84	CASING	
1.0	7.4			2	Dark gray, tubed, non-calcareous, ribbon banded gneissic quartzite is weakly to moderately mineralized and hosts 7-10% pyrite. Rock is generally strongly broken, locally moderately broken. Gouge does not exist. Lower contact is gradational over 2-3cm with loss of silica flooding and ribbon band down hole. Estimated grade is 2-4%.	
7.6	9.4			30	$\pm 2 \pm g$ - $\pm \rightarrow 20g$ Medium locally dark gray non-calcareous, phyllitic host, with variable amount of carbonaceous matter. Locally weak in carbon appear to be bleached. Unit hosts 0-2% quartz, 0-5% sph and contains very weak silicification locally. No consistent relationship between sph and ore exists. Rock is slightly to moderately silty and generally strongly broken. Upper and lower contacts are gradational over 2-3cm with loss silica inwards. Estimated grade is 2-3%.	

From	To	Recov.	No.	Unit	Description
10	14 16	20 22 24	26 28 30	34 35	
9.4	13.2			30	g ± z (72) 98:02 Dark gray tubular non-calcareous graphitic phyllite is generally waddy to very waddy silicified, locally moderately silicified. Unit hosts 0-1% pyrite and sporadic occurrences of weak Pb+Zn mineralization. Interval hosts sporadic 2-7cm gouge bands // S ₂ . Rock is strongly broken and is slightly set to slightly hard. Unit has a high phyllitic component. Upper contact is gradational over 2-3cm with a slight increase in silicification. Lower contact is sharp // S ₂ and marked by 5cm of gouge. Estimated grade is <1%.
13.2	17.1			2	→ 3 Bleached light gray, non-calcareous ribbon bedded graphitic quartzite is moderately to locally strongly mineralized and hosts 0-2% pyrite. Unit is moderately broken. Upper and lower contacts are sharp and // S. Estimated grade is 7-9%.
17.1	18.6			2	SS P2 → S2g P2 light gray tubular, non-calcareous unit hosts strong sericite development occurring in 0.2-3.0cm bands between a mild calcareous weak mineralized "quartzite". Unit is

Lithologic Log

Date: June 91 Logged By: J. Zbeck

From	To	Recov.	No.	Unit	Description	
10	14 16	20 22	24 26	28 30	34 35	<p>Transitional from a bleached graphitic quartzite lit. quartz. to a sericitically altered phyllite with bands siliceous mineralization. Siliceous bands host 0-1% pyrite. Upper contact is sharp and // S₂. Lower contact is marked a shear trending ~ 000/30° wrt S₂. Estimated grade is ~1-2%</p>
18.6	21.9			2	<p>→ 3 → 20 g P 2</p> <p>Medium gray, non-calcareous, unit is a bleached graphitic quartzite transitional to a silicified graphitic phyllite. Unit has a weak to moderate phyllite component and is very strongly broken locally. Minederalization is generally weak to very weak rarely strong. Unit hosts trace - 1% pyrite. Upper contact is marked by a "gougeless" shear trending ~ 000/30° wrt S₂. Lower contact is marked // S₂ and at the top of a 25cm breccia zone. Estimated grade is 1%.</p>	
21.9	25.3			20	<p>SP + g P → 54 P ± g P (60 ± P) 90 : 10</p> <p>Light grayish buff to slightly greenish gray-buff phyllite has moderately locally strong sericitic alteration. Silicification is very rare and weakly to moderately developed. Pyrite is sporadic and occurs in 1-2mm bands // S₂. Rock is generally moderate. No Pb±Zn mineralization noted. Unit hosts 1% white dm-scale chalc. and with traces of Pb. Lower contact is shear // S₂ and marked at</p>	

From	To	Recov.	No.	Unit	Description
10	14	16	20	22 24 26 28 30	34 35
					the top of a 25cm ore unit. Lower contact crushed
25.3	33.6			20	±g = 2 (47:60 → 74) 85:10:15 Medium gray locally medium dark gray, non-calcareous P ₂ foliated phyllite is rarely slightly graphitic. Unit hosts a 60cm unit 47 band at 30.6-31.0, margins of 47 are slightly chloritized. Upper contact is crushed. Lower contact is irregular and moderately binned.
33.6	35.3			72	→ 30 Black graphitic phyllite is gouge with fragments and rubble of crushed rock. Interval is monomictic and offers no trend of structural fabric. Upper and lower contacts are irregular complex and fault related.
35.3	36.7			7	(5) 70:30 Purple red and brassy yellow unit is a mixture of strongly mineralized baritic sulphides hosting veins and bands of barren to weakly mineralized pyritic massive sulphides. All units are non-calcareous and are banded on the cm to dm scale. Upper contact is sharp but complicated

From	To	Recov.	No.	Unit	Description	
10	14 16	20 22	24 26	28 30	34 35	
						by a 10cm white Qtz. un //S ₂ Estimated grade is 10%.
36.7	39.4			3D	*P → 74 (60) 99:01 Black graphitic phyllite is non-calcareous and is typically crushed with minor gouge. Unit hosts 0-1% pyrite. No orientation of an structural fabric available. Unit hosts 1-2% white cm to dm scale Qtz un. Upper contact is sharp and //S ₂ Lower contact is crushed.	
39.4	A2, 6			AA	*+j (60c) 95:05 Buff-green, non-calcareous, RS ₂ -foliated altered metabasite host 1-2% scattered pyrite clots. Unit hosts 3-5% white barren cm-scale quartz-calcite veins generally //S ₂ locally highly contorted and sub // C.A. Upper contact is crushed lower contact is sharp and //S ₂	
A2, 6	A3, 8			2	→ 74 (44:30) traces bleached light gray, non-calcareous graphitic phyllite is	

From		To		Recov.	No.	Unit	Description				
10	14	16	20	22	24	26	28	30	34	35	
											of unit 44 throughout and fragments of graphitic phyllite near lower contact. Rock is of low rubble, locally moderately broken. Unit is moderately mineralized. Upper contact is sharp and // S. Lower contact is rubble.
43.8		45.1				30					P±ggPZ (74-572) 25:75 Black non-calcareous graphitic phyllite has a 2cm band trending to quartzite with a single 2mm wisp of Pb-Zn mineralization. Silicious band occurs // S. 5cm from upper contact. Trace Pyrit. occurs elsewhere. Unit is crushed and gouge below 44.0 with very poor recovery. Upper contact is rubble. Lower contact is sharp, marked by gouge and poor recovery and trends 35° west S.A.
45.1		45.6				7					(5) 50:50 Interval is generally rubble with strongly mineralized baritic massive sulphides at upper contact and very waddy mineralized pyritic massive sulphides below. Recovery within upper and lower runs is very poor but both host gouge and core loss is expected from gouge not this sulphide package. Upper and lower contacts are rubble adjacent gouge. Sulph. S.A. - 2-3%

From	To	Recov.	No.	Unit	Description
10	14 16	20	22 24 26 28 30	34 35	
A5. 6	A8. 9			72	(20:30:44) 45:30:25 STRONG fault zone is mostly gouge of unit 44, unit 20 and unit 30. Unit 30 is well healed hosts pyritic matrix supported fragments including trace -1% massive sulphides. Very well developed slickensides indicate a subhorizontal component of movement. FAULT trends from 0-10' west c.A. Recovery is very poor
A8. 9	A9. 8			2	Dark gray to black, non-calcareous, moderately well ribbon bedded graphitic quartzite hosts moderate mineralization and 2-5% pyrite. Unit is strongly to very strongly broken. Upper contact is marked at the end of run through gouge with very poor recovery. Lower contact is sharp as $\parallel S_2$. Estimated grade is 4-5%.
A9. 8	51-0			AA	$\parallel S_2$ (2-3) 85:15 Buff-brown non-calcareous altered metabasite hosts 15% bleached weakly to moderately mineralized graphitic quartzite. Upper and internal contacts are sharp as $\parallel S_2$. Lower contact is sharp, marked by slightly healed gouge and trends 200/25' west S_2 . Grade is $\leq 0.1\%$.

From	To	Recov.	No.	Unit	Description
51.0	52.9			2	Dark gray to black non-calcareous graphitic quartzite is moderately locally strongly mineralized and contain moderate small distinct ribbon banding and 7-10% pyrite. Rock is moderately to slightly broken. Upper contact is marked by a moderately healed gouge trending ~200/25 with lower contact is sharp and $\parallel S_2$. Estimated grade is 7-10%.
52.9	53.3			30 P	Black graphitic phyllite is very strongly broken $\parallel S_2$, non-calcareous and hosts 0-1% pyrite. Upper contact is sharp and $\parallel S_2$. Lower contact is rubblized.
53.3	53.8			7 ±Z (30P) 98:02	Baritic massive sulphides are non-calcareous and host sporadic bands of intense Pb+Zn mineralization within barren intervals upto 25cm wide. Mineralization occurs in 2-3cm bands. Interval hosts a 3cm band of graphitic phyllite at 53.4. Upper contact is rubbl. All other contacts are sharp and $\parallel S_2$. Estimated grade is 3-5%.

From	To	Recov.	No.	Unit	Description						
10	14	16	20	22	24	26	28	30	34	35	
53.8	58.8			30	±P ±Z → 74 → 72	Dark gray to black graphitic phyllite is non-calcareous, very strongly broken and very commonly crushed with gneiss in bands from 20-50cm. Recovery is fair to poor. Interbedded trace - 2% pyrite, and 3 occurrences string spherulitic mineralization in very narrow bands 1/2 from 0.5 to 1.0 cm wide. Upper contact is sharp and 1/2 lower contact is crushed rock adjacent ground core. No grade.					
58.8	59.1			7	(44 th) 50:50	Moderately to moderately strongly massive sulphides host very weak to no Pb+Zn mineralization. Massive sulphides have wisps and bands up to 8.0cm of altered chalcite-bearing malabasite. Rock is slightly broken with good recovery. All contacts are sharp and 1/2. Estimated grade is ≤ 3%.					
59.1	65.4			30	gPZ → 2 (44 th ±j) trace.	Black, non-calcareous moderately silicified graphitic phyllite host trace - 3% pyrite and commonly host weak to moderate Pb+Zn mineralization. Locally unit is barren of Pb+Zn. Very rare occurrences of poorly developed ribbon banding. All for this unit is transitional to					

From	To	Recov.	No.	Unit	Description		
10	14	16	20	22 24	26 28 30	34 35	
							a graphitic quartzite. Unit is generally crushed with no gouge. Recovery is generally good locally poor. Interval supports minor altered metabasite rubble at 60.7. Estimated grade is 2-3%.
65.4	69.2			20			$\pm a \rightarrow 74$ (47 \rightarrow 74 : 72c) 45:35:20 Medium gray, non-calcareous, very strongly broken phyllite contains very rare occurrences of a weak graphitic component. Phyllite is locally gouge and where so is weakly to moderately calcareous. Interval supports 33-40% 10.0-90 cm bands of strongly broken non-calcareous unit 47. Upper and lower contacts are rubble with no gouge.
69.2	71.6			44			$2\pm \# \pm c$ (47) 80:20 Buff to very light, bituminous moderately altered metabasite is moderately calcareous below 70.4, non-calcareous above. Igneous texture is fairly well preserved and unit hosts no schists. Interval hosts a 0.4 m band of non-calcareous unit 47 at top of interval. All contacts are sharp and 1/5.

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From	To	Recov.	No.	Unit	Description						
10	14	16	20	22	24	26	28	30	34	35	
71.6	73.5			71	2	Medium green, moderately calcareous dolomitic phyllite is strongly PS_2 foliated with beds of CS_2 . Upper contact is sharp and $\parallel S_2$. Lower contact is marked by strongly broken core / gouge with poor recovery. Fractures \perp lower contact are $\parallel S_1$.					
73.5	79.4			72		→ 20w (47) 97:03 Wedge calcareous gouge derived from phyllite hosts strongly broken bands of weakly dolomitic strongly broken phyllite with fractures $\parallel S_2$. Recovery is very poor to fair. Unit hosts minor fragments of unit 47. No structural fabric within gouge nodules. Upper and lower contacts are strongly broken $\parallel S_2$ and are gouge-bearing.					
79.4	86.9			20	w ± 2	(47:72) 93:05:02 Medium gray, weakly dolomitic phyllite is PS_2 foliated and hosts 5-7% 10-15cm bands of unit 47 throughout. Interval contains sporadic 10cm bands of crushed and gaged phyllite $\parallel S_2$. Upper and lower contacts are sharp and $\parallel S_2$.					

ASSAY LOG (SAMPLER'S COPY)

Date June '91 Sampled by

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	16	20						22	26	28
	10.0	0	11.0	1					CASING			
	11.0	1	14.0	2	63623		2.9	2				
	14.0	0	17.0	3	63624		3.6	2				
	17.0	0	19.0	4	63625		11.8	30	±2g ± → 20g			
	19.0	0	13.0	5					WASTE			
	13.0	0	15.0	6	63626		2.0	2	→ 3			
	15.0	0	17.0	7	63627		1.3	2	→ 3			
	17.0	0	18.0	8	63628		1.5	2	SS P2 → 52g P2			
	18.0	0	21.0	9	63629		1.0	2	→ 3 → 20g P2			
	21.0	0	35.0	3					WASTE			
	35.0	0	36.0	7	63630		1.0	7	(5) 70:30			
	36.0	0	42.0	6					WASTE			
	42.0	0	43.0	8	63631		1.0	2	→ 3 → WASTE			
	43.0	0	45.0	1	63632		0.5	7	(5) 50:50			
	45.0	0	48.0	7					WASTE			
	48.0	0	49.0	8	63633		0.6	2				
	49.0	0	51.0	0	63634		1.2	44	(2)			
	51.0	0	52.0	9	63635		1.1	2				
	52.0	0	53.0	3					WASTE			
	53.0	0	53.0	8	63636		0.5	7	±2 (30P) 98:02			
	53.0	0	58.0	8					WASTE			
	58.0	0	59.0	1	63637		0.3	7	(44) 50:50			
	59.0	0	62.0	8	63638		1.0	30	g P2 → 2			
	62.0	0	65.0	1	63639		1.0	39	g P2 → 2 (Trace 42)			
	65.0	0	93.0	0					WASTE			
									LOH @ 93.0m			

WASTE →

Code	FROM		TO (At)		Feature	REC.	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description
	10	14	18	20			22	24	28	28	32	34	
	23	9	25	6	B3								
	25	6	26	0	B2								
	26	0	29	6	B3R								
	33	0	34	3	B3A								
	34	3	35	3	B3								
	35	3	37	2	B1								
	37	2	39	7	B3A				15	270			
	45	6	48	9	G3K				05				
	48	9	51	0	B2R								
	52	9	58	8	B3G								
	58	8	65	5	B3R								
	65	5	69	3	B2G								
	73	5	79	4	G3								
	79	4	86	9	B2G								+ gauge Falle 93.0

