GRUM

DEPOSIT

1988

DDH LOGS

886-01

to

886-05

015052

1

CURRAGH RESOURCES INC.

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DIAMOND DRILL CORE LOG

Date: Sept. 30/88

Hole Number: 88 G-01

Reference Fabric Orientation Diagram:

Project: Grum 1988 Drilling

Location: Grum Reposit.

Claim: ____

Terr.Plane Co-ords.: 6905 113.23 N

592 411.66 E

Grid Co-ords: 74W 9.5N

Elevation: 1300.63

All symmetry determinations looking

Total Depth: 308.0 ft. 93.9 m

NW with 52 dipping

Inclination: -90° (Vertical)

SW with dip azimuth ____.

Purpose: Ore reserve definition drilling

Reason hole Terminated: Drilled into footwall

Logged by: C.V. Reed

Date(s) Logged: ____

Drilling Contractor: Arctic Diamond Drilling

Hole Cemented: N

Steel down Hole: N

Assay Lab: Mine B-C Au + S.G

Size	CORE From	To
NW	0	157
NQ	157	308.0

Collar Cased and Capped: N

Certificate No's: ____

Started: ____ Completed: ____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 88G-01 (2 8)

Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 8	10 16	17 24	25 32	34 39	41 42	
T	88G-01	13100.63	4051131.2	582411.7		52	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	88G-01	000	180.0	0.0	AT COLLAR
R	88G-01	2830	178.5	064.0	SPERRY SUN SINGLE SHOT
R			.	.	
R			.	.	
R			.	.

DDH BBG-01

CURRAGH RESOURCES INC.
Lithologic Log

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Date: SEPT 30/88 Logged By: CWR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	10	157.0		1	#	O/B - TRICONED - NO RECOVERY
		47				
	157.0	162.5		12	4A14	Slightly weathered.
		49.5				ū hard, noncalcareous, sph ribbon banded, ū high grade, carbonaceous qtzite. Contains abundant pure thin black carbonaceous folia defining Sz. Ribbon banding is defined by red-brown sph >> py, banding generally 1 cm thick & is 20-25% of unit volume. Local patchy orange rust coatings present on fracture surfaces. Sz surfaces are dull carbon black. Unit is noncalcareous. No obvious faults.
						Est Pb+Zn 16-18% Sph >> Gal.
						TOI - 159.8 ū broken recov O.K. 157.2 - 157.4 is O/B cave - redrilled small qtz & IOAB pebbles.
						159.8 - EOI ū broken, recov good.
	162.5	166.8		13	410	(5C4*) trace
		510				Dominate unit is ū hard, light grey, noncalcareous, pearly, banded, locally pyritic qtzite. Contains local thin bands defined by red-brown sph. Sph has been extensively remobilized into thin fractures. Bottom 1' of unit, banding is defined by fine py + interstitial green qtz. Bottom 1' also contains local paper thin pale green chl folia aligned // to Sz. Banding is disrupted by abundant thin fractures. No visible oxidation. Est Pb+Zn 5-6%. Sph >> Gal.
						163.3 - 163.5 is thin, pale green, ū soft, altered chloritic phyllite. Contains minor local "fuchsite" specks. Core

C.R.I. 1987 E-3A

DDH 88G-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 20/88 Logged By: CWR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						effervesces slightly when powdered + mixed w 30% HCL.
						TOT - 164.0 v broken mix, O.K
						164.0 - EOT v broken mix, O.K.
						No obvious fault/fs.
	11616 8	11711 0		14	4L	GOUGE + RUBBLE
		1512 1				white, v soft, highly altered, "talcose", musc-sericite phyllite rubble + white powder gouge. Recovery is extremely poor.
						margins of gouge zone not recovered.
						0.4' of small white 4L fragments + white powder rec'd.
	11711 0	11717 4		15	4D10	± 5 (4E0 1 minor) (5C4*)
		514 1				v mixed unit!
						TOT - 171.6 is v soft + friable, pale olive green, highly altered chloritic phyllite. Contains local bright green "fuchsite" flakes. Effervesces slightly when mixed w 30% HCL.
						Likely contains musc + ankerite? Margins not rec'd.
						171.6 - 172.7 poorly handled, v hard, mineralized zone, massive py sulphide. Banding defined by local thin concentrations of interstitial grey qtz aligned // to S2. Local thin bands at 171.6 containing sphs-gal. Est Py in zone ~2%. Est % Qtz 10-15%.
						172.7 - EOT is v hard, locally highly broken + fractured, poorly handled, mineralized zone, light grey qtzite. Banding is v diffuse + thin - defined by local concentrations of fine py +

DDH 88G-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 30/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						qtz ± lesser red-brown sph. Sph have been extensively re-mobilized into abundant thin fractures. Thin, light grey, qtz microlithons are locally present. Near EOI, local minor pyrr thin carbonaceous Lilia define lithons. Est Pb+Zn 4-5%.
						70I - 173.6 ⅗ broken, recy good
						176.3 - EOI ⅔ broken due to abundant fractures, recy good.
	117.7 4	119.4 7		16	141E4	(4A0) (5C4*) 95:5:5
		151.9 3				Dominate unit is a mod hard, yellow-brown, high grade, semi-calcareous thickly banded pyritic qtzite. Banding defined by local concentrations of sph + gal + range up to 5cm thick. Banding defines Sz. Est Pb+Zn 14-16%
						180.0 - 181.0 is 5" thick (true thickness) ⅔ hard, fg ribbon banded, carbonaceous qtzite. 4B band trends nearly ⊥ to core axis + defines phase 2 fold nose. 4A is barren
						186.5 - 187.4 is bright green, highly altered, soft + friable, metabasite unit contains abundant bright green "fuchsite" flakes + masses of metabasite lost in rubble.
						70I - 178.8 recy good - mod broken.
						178.8 - 179.3 rubble - mud run recy o.k.
						179.3 - 181.6 ⅔ broken, recy good
						181.6 - 183.4 rubble - recy good
						183.4 - 183.1 ⅔ broken, recy good - local minor incipient B×A.
						183.1 - 186.6 rubble, 3.2' spread out rec'd.

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2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 30/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						196.6 - 191.3 v broken, recvy good, local incipient brx from 187.4 - 188.0 - bottom margin against metabasalt
						191.3 - EOI rubble due to abundant steep fractures. Fractures have abundant white powder oxide? coatings. recvy good.
	1 1 9 4 7	1 2 1 1 3 0		1 7	1 4 A 4	
		1 6 4 9				v hard, dark grey to black, thinly ribbon banded, carbonaceous qtzite. Unit is CS_2 foliated. S_2 surfaces are dull carbon black. Ribbon banding generally < 1/2 cm thick, defined by Sph slightly greater than Py + lesser interstitial white-grey qtz. Locally S^0 have been remobilized into thin fractures. Contains locally abundant thin grey qtz microribbons. S^0 banding defines S_2. No visible weathering. No Pb/Zn. Est Phr Zn 10-12% Sph >> Gal
						707 - 196.2 v broken due to steep fractures. recvy O.K.
						196.2 - 198.5 v broken, recvy good.
						198.5 - 199.0 rubble due to steep fracture - recvy good.
						199.0 - 201.2 v broken, recvy good
						201.2 - 202.0 rubble - md run - recvy good.
						202.0 - 204.5 m broken, recvy good
						204.5 - 207.0 v broken along S_2 - recvy good.
						207.0 - 211.1 intact
						211.1 - 212.2 rubble - md run - recvy good.
						212.2 - EOI v broken, recvy good.

DDH 88G-01 (2 — 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 30/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
	121 13 0	121 16 0		18	15B16	
		1615 8				PS2 laminated, noncalcareous, mod soft, medium grey, musc phyllite. S2 surfaces are shiny silvery grey. Contains minor paper thin pale green chl laminations developed // to S2. Margins of phyllite bands // to S2
						Core in broken, recov good. No faults.
	121 16 0	121 18 6		19	14L 214	
		1616 6				mod soft, pale grey-green, PS2 laminated, thinly PS2 banded, noncalcareous altered musc > chl phyllite. Banding generally < 2mm thick - defined by dominate fine py + lesser fine sph. S2 surfaces are dull light grey w abundant light pale green chl flakes. Margins of 4L bands are // to S2. Est 0% S=, dominately Py 10% Est Pb+Zn < 3-4%.
						Core slightly broken, recov good - no faults
	121 18 6	123 4 2		110	15A16	(5D4) (1000)
		1618 3				Dominate unit is mod soft, black, PS2 laminated, carbonaceous musc phyllite. S2 surfaces carbon black. Contains local minor py in cillcag fractures. 5A is noncalcareous. Within this unit are 3 mod thick foliaform pegmatitic qtz veins. Veins locally vuggy due to weathering of carbonate out of local fractures. Veins range from 4 to 8 inches thick.
						123.4 - EOT is v soft, pale green, highly altered chloritic phyllite. Contains local minor stringers of fine py

DDH 88G-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 20/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Unit is PS2 laminated, noncalcareous - margins are // to S_2. S_2 surfaces dull pale light green.
						Core slightly broken, recy good.
	123134 3	123136 8		111	14A10	
		1619 1				Medium grey - black, ṽ hard, noncalcareous, PS2 laminated, ribbon banded, carbonaceous qtzite. S_2 surfaces are carbon black. Contains local minor development of micaceous foliation along S_2 cleavage. Banding generally < 2 cm thick // to S_2, defined by dominate P_y + lesser interstitial grey qtz. Banding contains only local traces of sph.
						Est % P_y ≈ 15-18% Est % Phtzn < 2%.
						TOT - 226.0 ṽ broken, recy good
						226.0 - EOT ṽ broken due to steep fracture, recy good
						No visible weathering - no faults.
	121216 8	123136 0		112	14E14	I / minor I S minor.
		711 9				m̃ hard, thickly banded, noncalcareous, massive high grade yellow-brown pyritic S= Banding ranges on a scale up to 5 cm - // to S_2, defined by local concentrations of sph + gal + disc fine P_y. Top 1' of unit contains two ≈ 3 cm slabs of barren, ribbon banded, carbonaceous qtzite. 231.2 - 233.2 local thin black carbonaceous foliation developed along margins of thin grey qtz + disc P_y laminations. Within this interval, these ribbon bands are
						15% of unit volume. Est Phtzn for entire unit 14-16%.

DDH 88G-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 20/88 Logged By: CWR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Core in broken, very good - no faults no visible weathering.
	12316 0	12414 1		113	14A10	± 4
		7147				V hard, PS2 ribbon banded, noncalcareous carbonaceous qtzite.
						Unit same as #11. Ribbon banding defined by dominate py +
						interstitial grey qtz. Locally, ribbon banding defined by sph +
						diss fine py. Bandings is 25-30% of unit volume. Bands
						generally ∠2 cm thick.
						Est % Pb+Zn ranges from 2 to 6%. No visible weathering,
						no obvious faults
						Core in broken, very good.
	12414 1	13511 7		1114	15D14	$ (5A6) (5C4X) (4D0)
		716 7				Dominate unit is m soft, pale tan-green, dolomitic,
						locally CS2 foliated altered chloritic phyllite. S2 surfaces are
						dull pale green. Containg abundant thin tan bands defined
						by fine dol aligned // to S2. Contains locally abundant
						thin qtz lithons which occur in thin bands ranging
						up to 4" thick. These bands are about 20% of unit
						volume.
						249.4-250.1 is black, PS2 foliated, mod soft, noncalcareous
						carbonaceous phyllite. Margins of 5A are sharp, // to S2
						250.9-251.1 is thin band of m hard, thinly PS2
						banded, pyritic qtzite. Banding defines F2 fold noses.
						Bands generally ∠ 2mm thick defined by dominate py +
						lesser sph. Margin appear // to S2

DDH BBG-01

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 30/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						351.1 - EOI Pale dull olive green, m soft, altered metabasite. Contains local traces of bright green "fuchsite". S2 surfaces are dull olive green. Margins of bands // to S2.
						TOI - 354.0 v broken, very good
						354.0 - EOI m broken, very good
	13511 7	12613 8	1	115	151A16	± 1 (1000) 90:10
		1810 4				Highly fractured & locally highly broken, black, mod soft to locally hard, locally siliceous, noncalcareous, carbonaceous phyllite. S2 surface carbon black. Contains local minor thinly PS2 banded "tuffaceous" pale green chloritic phyllite intervals - margins are sharp, // to S2. Intervals <2cm thick. Locally, unit is hard due to abundant thin quartz siltstone laminae.
						Contains 6 highly fractured, segregation, qtz veins. Veins range in thickness from 2cm to 15cm. Phyllite margins are commonly incipiently brecciated.
						Core v broken, very good.
	12612 8	12617 6	1	116	1101Q10	
		1811 6				White, v broken bull qtz vein. Margins lost in rubble.
						Core v broken, 3.1' rec'd.
	13617 6	12712 2	1	117	151A16	± 1 (5D4 δ)
		1813 0				Dominate unit is same as # 15.
						271.4 - EOI is mod soft, dull pale green - cream, PS2

DDH 88G-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 30/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						foliated, thinly banded, dolomitic?, altered chloritic phyllite
						Banding is < 2mm defined by fine dol? Margins of SD4 // to
						S_2
						207-269.8 v broken, recy 0.K.
						269.8 - 270.8 rubble, 6" core loss
						270.8 - EOT v broken, recy good.
	217 12 2	217 17 3		18	41A 0	
		218 14 5				v hard, locally (S_2) foliated, nervi carbonaceous, ribbon banded,
						carbonaceous qtzite S_2 surfaces are carbon black. Contains local
						lithons defined by fine white-grey qtz. Ribbon banding is
						diffuse, defines S_2, consists of fine py + interstitial grey
						qtz Banding is 20% of unit volume. Est Pb+Zn 2-3%.
						Est % py 15%.
						Core is broken due to local shear fractures, recy good
						No faults.
	217 17 3	218 19 0		19	41A 4	(SC4 f) 92:8
		818 1				Dominate unit is v hard, thinly ribbon banded, high grade
						carbonaceous qtzite Ribbon banding defined by locally dominate
						red-brown sph + py + interstitial grey qtz. Sulphides have
						been locally remobilized into thin fractures. Banding is
						generally < 1cm thick + defines S_2. Locally, core is porous
						due to weathering of carbonate in fractures. Unit is locally
						carbon free in thin selvages to local metabasite bands

DDH 88-G-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 30/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Est % Py 15-18% Est % Ph+Zn 10-12%
						277.5 - 277.6 ; 281.1 - 282.1 ; 288.2 - 288.8 are bands of m soft, pale olive green, w/ bed PS2 foliated chloritic phyllite. Contain local lenses of bright green "Ruckside".
						S2 surfaces are dull tan-olive green. Unit effervesces
						slightly when powdered + mixed w 20% HCL. Likely dol? - ankerite? Margins of bands are locally intensely
						brecciated.
						Core is broken, very good.
	121819 0	121914 1		1210	15A13	GOUGE + BxA.
		1819 6				m soft, highly broken + gouged black to locally medium grey, phyllite BxA + GOUGE. Unit becomes lighter - less carbonaceous - moving down the hole.
						TOI - 291.0 is black, flaky gouge. Top contact sharp // to S2. 0.7' rec'd.
						291.0 - EOI medium grey, highly broken + intensely brecciated + gouged, nonculcareous, more phyllitic, 1.9' rec'd
	121914 1	131011 0		1211	15B16	(SDGS) 70:30
		1911 7				TOI - 295.5 is dull green-grey, mod soft, PS2 foliated, nonculcareous ch >> more phyllitic. Margins m lower SB + higher fault are slightly brecciated. Unit is thinly banded, defined by fine dissem tan-green dol?. Bands generally < 3mm thick.
						295.5 - EOI, Remaining unit is medium grey, nonculcareous, PS2 laminated, locally highly fractured, mod soft musc + << ch)

DDH 88G-01
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CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 30/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						phyllite. S_2 surfaces shiny "steely" grey. Unit highly fractured near thin, foliaform qtz veins.
						Core in broken, rusty gravel
	13011 0	13014 0		12 13	1 5 B 14	1 Incipient BxA + GOUGE
		1912 7				ū soft, highly broken, cream-grey, incipiently brecciated & gouged, muse phyllite. Massive lost in rubble
						Core is rubble + gouge, 1.4' recovered.
	13014 0	13018 0		12 B	1 5 B 16	2 weak [360 9 weak]
		1913 9				Medium → dark grey, PS_2 foliated, mod soft, non-calcareous, moderately carbonaceous, muse + cc chl phyllite. S_2 surfaces shiny light to medium grey. Dolomite infill, local minor thin fractures.
						No faults.
						702 - 304.8 rubble - broken along S_2.
						304.8 - EOI intact.
						EOH

DDH 88GC011 (2 … 8)

CURRAGH RESOURCES INC.

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Logged by CVR

ASSAY LOG (SAMPLER'S COPY)

Date SEPT 30/88 Sampled by CM

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 … 14	16 … 20	22 … 26	28 … 30	32 … 34	36 … 40	42
	47.9 / 115170	49.5 / 116125	116191711	155	167	1 14 A 14	
	116125	50.8 / 116168	116191712	143	148	1 14 D 10	(5C4*) Trace
	116168	52.3 / 117116	116191713	148	113	1 15 C 14	(4L Gouge)
	117116	52.6 / 117127	116191714	111	110	1 14 E 10	1 minor
	117127	54.1 / 117174	116191715	137	148	1 14 D 10	± 5
	117174	55.5 / 118120	116191716	146	151	1 14 E 14	(4A0) 65:35
	118120	56.8 / 118165	116191717	145	147	1 14 E 14	(5C4) 90:10
	118165	57.9 / 119100	116191718	135	150	1 14 E 14	
	119100	59.3 / 119147	116191719	147	166	1 14 E 14	
	119147	60.7 / 119190	116191810	153	152	1 14 A 14	
	119190	62.3 / 121043	116191811	153	165	1 14 A 14	
	121043	63.5 / 121082	116191812	139	153	1 14 A 14	
	121082	64.9 / 121130	116191813	148	153	1 14 A 14	
	121130	65.8 / 121160	116191814	130	136	1 15 B 16	
	121160	66.6 / 121186	116191815	126	130	1 14 C 14	
	121186	68.3 / 121214	116191816	156	160	1 15 A 16	(5D4) (1000)
	121214	69.1 / 121216	116191817	126	137	1 14 A 10	
	121216	70.5 / 121311	116191818	145	149	1 14 E 14	± 1 minor ± 5 minor
	121311	71.9 / 121360	116191819	147	146	1 14 E 14	" "
	121360	73.0 / 121395	116191910	135	142	1 14 A D	± 4
	121395	74.4 / 121414	116191911	146	151	1 14 A D	± 4
	83.0 / 121782	84.5 / 121773	116191912	151	160	1 14 A 10	
	121773	85.5 / 121810	116191913	132	141	1 14 A 14	(5C4*) Trace
	121810	86.6 / 121842	116191914	137	151	1 14 A 14	(5C4*) 70:30
	121842	88.1 / 121890	116191915	148	153	1 14 A 14	(5C4*) 90:10
			F.O. 111				

DDH BBG-01 (2 8)

CURRAGH RESOURCES INC.
Structural Log

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Date: SEPT 30/88 Logged By: CUR

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
		48.2 11518 0	PIS12				612	Carb folia in 4A
		52.4 11712 0	PIS12				712	Silica bands in 4E
		54.9 11810 0	PIS12				213	Carb folia in 4E5
		58.8 11913 0	PIS12				01	Banding in 4E4 Phase 2
								fold nose.
		60.0 11917 0	PIS12				315	
		62.5 12015 0	CIS12			414 9010	618	Lithons in 4A.
		65.2 12114 0	PIS12				516	Micaceous foliation.
		66.1 12117 0	PIS12				415	" "
		70.1 12210 0	PIS12				310	Banding in 4E
		72.8 12219 0	PIS12				412	Carb folia in 4A
		74.9 12415 8	CIS12			310 11810	710	Lithons in 5D4
		77.7 12515 0	PIS12				410	carb folia
		79.2 12610 0	PIS12				410	" "
		83.2 12713	PIS12				716	carb folia
		84.3 12716 5	CIS12	M		01	616	lithons in 4A
		86.6 12814 0	PIS12				615	carb folia in 4A
		91.1 12919 0	PIS12				211	micaceous foliation
		94.0 13018 5	PIS12				518	" "
								EOH

PROJECT 886-01 DRILLHOLE NO. _____ COORDINATES: N _____ DATE _____

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGED _____ INCLINATION _____ ELEVATION _____

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (To)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DEP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		EXTENT	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
158		1.8						*		DrAb		Rec	RQD				
160½		2.6		.4				*		259		4.9	1.0				
166		5.6		1.6						262½		4.2	.4				
171		1.2								265		2.7					
176		5.2		1.4						269		3.6	.4				
179		3.0								271		1.7					
180½		1.7		.4						276		5.5	.5				
182		1.7								278		2.4	.5				
186½		4.5		.5						281		4.9	.5				
190		4.7								286		4.3	.4				
194		5.8		.4						291		4.7	1.9				
196		2.1								294		2.1					
199		4.1		1.5						299		5.5	1.8				
202		2.7		1.5						304		4.1					
207		6.1		.8						309		5.7	2.6				
212		5.0		2.7						[illegible]		[illegible]	[illegible]				
215		2.8								[illegible]		[illegible]					
219½		4.8		1.2						[illegible]		[illegible]					
224		5.3		1.4						[illegible]		[illegible]					
227		3.9		1.4						[illegible]		[illegible]	.4				
232		5.3		2.5						[illegible]		[illegible]					
236		4.3		2.5						[illegible]		[illegible]					
241		5.8		2.4						[illegible]		[illegible]	.4				
245		3.8		.6						[illegible]		[illegible]					
251		5.6		.9						[illegible]		[illegible]					
254½		4.0		.5						[illegible]		[illegible]					

EOH

Fig. 1. Typical rock mechanics core log.

*

Page _____ of _____

DDH B.B.G.-01 (2 metres 8)

CURRAGH RESOURCES INC.

Fault Log

Date: 16 Jan/91 Logged By: LCP

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 38	40 44	
	1000	1417.9	NIP					Tricone drill - no recovery
	1417.9	1418.7	3IB1					
	1418.7	1419.5	2IB1					
	1419.5	1510.0	3IB1					
	1510.0	1510.8	2IB					
	1510.8	1512.1	GIR1	1				
	1512.1	1512.9	1IB1					
	1512.9	1514.1	J13B					
	1514.1	1514.5	2IB1					
	1514.5	1514.7	R1					
	1514.7	1515.4	3IB1					
	1515.4	1515.6	R1					
	1515.6	1515.8	X12B					
	1515.8	1516.9	R1					
	1516.9	1518.3	X13B					
	1518.3	1519.3	J1R1					
	1519.3	1519.8	J13B					
	1519.8	1610.5	1IB1					
	1610.5	1610.7	J1R1					
	1610.7	1611.3	1IB1					
	1611.3	1611.6	R1					
	1611.6	1612.3	2IB1					
	1612.3	1613.1	3IB1					
	1614.3	1614.7	R1					
	1614.7	1614.9	1IB1					
	1614.9	1615.8	2IB1					
	1615.8	1618.9	1IB1					
	1618.9	1619.1	J13B					
	1619.1	1714.4	2IB1					
	1714.4	1715.9	3IB1					
	1715.9	1716.7	2IB					
	1716.7	1804	3IB1					
	1804	1811.6	Q13B	8				
	1811.6	1812.2	3IB1					
	1812.2	1812.5	R1					

DDH 88G-01 (2 / 8) CURRAGH RESOURCES INC.

Fault Log

Page _____ of _____

Date: 16 Jan/91 Logged By: LCP

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 38	40 44	
	1812 5	1813 0	2B1					
	1813 0	1814 5	J2B					
	1814 5	1818 1	2B1					
	1818 1	1818 7	G	4				
	1818 7	1819 6	G X B	5				
	1819 6	1911 7	2B1					
	1911 7	1912 7	R G X	4				
	1912 7	1929	R					
								EOH = 93.9


2

CURRAGH RESOURCES INC.

Page 1 of ____

DIAMOND DRILL CORE LOG

Date: Sept 21/88

Hole Number: 88G-02

Reference Fabric Orientation Diagram:

Project: Grum 1988 Drilling

Location: Grum Deposit

Claim: _____

Terr.Plane Co-ords.: 6905 043.98 N

592 432.09 E

Grid Co-ords: 72W 8.5N

Elevation: 1302.43

All symmetry determinations looking

Total Depth: 255.0 ft (77.7m)

NW with 52 dipping

Inclination: -90° Vertical

SW with dip azimuth _____.

Purpose: Reserve definition drilling

Reason hole Terminated: Drilled into footwall.

Logged by: C. V. Reed

Date(s) Logged: Sept 21/88

Drilling Contractor: _____

Hole Cemented: N Steel down Hole: N

Assay Lab: Mine B-C. Au + S.G

Certificate No's: _____

CORE

Size	From	To	
NW	0	116.0	0/B
NQ	116.0	122.0	0/B
NW	122.0	182.0	0/B
NQ	182.0	255.0	

Collar Cased and Capped: N

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH BBG-02 (2 / 8)

Date: SEPT 21/88 Logged By: CWR.

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 8	10 16	17 24	25 32	34 39	41 42	
T	BBG-02	1302.43	9050441.0	592432.1		S	

Code	Drillhole	Depth		Zenith Angle		True Azimuth		Comments
	2 8	10 14		22 26		28 32		34 56
R	BBG-02	100		180.0		0.0		AT COLLAR
R	BBG-02	2390		178.2		073.0		
R				.		.		
R				.		.		
R				.		.

DDH 88G-02

CURRAGH RESOURCES INC.

Lithologic Log

Page 03 of _____

Date: Sept 21/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	10 0	11 16 2		1	#	O/B TRICONED - NO RECOVERY
		35 4				
L	11 16 2	11 21 2 0		2	#	O/B 10AB Boulder fragments.
		37 2				David Bath. bio-hornblende granitic boulders + fragments.
						Largest boulder 9" long. Top 0.4" small O/B pebbles
						generally < 0.5 cm ϕ.
						TOE - 116.5 small O/B pebbles 0.4' rec'd.
						116.5 - 122.0 4.2' roughly sized granitic boulders + fragments.
L	11 21 2 0	11 16 2 0		3	#	TRICONED NO RECOVERY
		4.9 4				
L	11 16 2 0	11 81 2 0		4	#	O/B boulders, fragments, + till
		5.5 5				Dominately small 10AB boulder fragments up to 8" long
						Minor O/B bedrock interbase is 4 cm long piece of
						DSO sphalerite banded granulite (404) fragment Bottom
						contact against O/B till. Local minor intervals of pebbly
						mud also recovered.
						TOE - 166.5 2.2' of dominately 10AB granitic boulder
						fragments. One 8" boulder of fractured pale green diabase
						rec'd.
						166.5 - 172.0 1.0' small creamy white 10AB boulder fragments
						rec'd.
						172.0 - 174.0 0.8' of pebbly mud / till + small O/B
						10AB fragments rec'd.
						174.0 - 179.0 0.6' small rodrilled O/B pebbles +
						small O/B 10AB fragments rec'd.

DDH 88G-02 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 21/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						179.0 - 182.0 = 0.8' small redrilled O/B boulder fragments.
						1 3" long piece of O/B HDH also recovered. Minor
						pebbly mud/till also rec'd.
	118R 0	11815 9	0.8	15	41E1	(HA4) (10 Q0) FRAGMENTS - Weathered.
		516 7				Redrilled, small, massive py S= + sph rich, carbonaceous
						qtzite pebbles. Largest pebble is 3 cm long. Minor sulphide
						gouge + BxA also rec'd. Only 0.8' rec'd. Small white reg qtz
						fragments also rec'd. Minor rust on fracture surfaces.
						Core is rubble - Only 0.8' rec'd.
	11815 9	11912 2		16	41E11	Porous - weathered ± BxA.
		518 6				Highly fractured, moderately weathered & porous, med hard,
						locally siliceous, massive pyritic S=. Medium xtalline, white-
						grey, quartz occurs interstitial to massive fine py in
						broad diffuse bands // to Sz Locally, these bands
						are porous due to weathered carbonate? Bands are
						steeply dipping, ∠25° to core axis + range up to
						8" thick. Locally, near thin, highly fractured (local) qtz veins,
						unit is brecciated. Overall colour is dark brown-grey
						due to py oxidation.
						Est Pb+Zn ≅ 3% — difficult to estimate due
						to weathering
						To E- 188.0 ∵ broken 1.8' rec'd.
						188 - 189.5 rubble, 0.8' rec'd
						189.5 - 190.5 ∴ broken, very 0.K

DDH BBG-02 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 21/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						190.5 - 191.5 Rubble due to fracturing, recov o.k.
						191.5 - EOI Intact.
	1912 2	1914 7		07	41A	RUBBLE.
		519 7				Black, carbonaceous, locally py + sph ribbon banded, qtz/tz rubble. Largest piece 2 cm long. Local pyrite bands are porous. Core condition is extremely poor making visual grade estimation difficult. Est Pb+Zn 2-5%. Content in higher 4E appears to be // to Sa.
						Core is rubble - 1.3' spread out rec'd. Core highly broken due to extreme fracturing.
	1914 7	2012 0		08	41A4	
		616 6				Highly fractured + broken, in hand, CSa ribbon banded, black, carbonaceous qtz/tz. Banding generally < 1 cm thick defined by Py in Sph. Banding is approx 20-25% of unit volume. Sph + Py also remobilized into local thin fractures. Sa surfaces are carbon black + strongly mock fingers.
						Est % Py 10-12%. Est Pb+Zn 10-12%. Sph >> Gal.
						TOI - 196.7 in broken 2.1' rec'd
						196.7 - 199.0 rubble due to fracturing, 1.6' rec'd.
						199.0 - 202.0 in broken, 2.8' rec'd.
	2012 0	2019 0		09	4K	GOUGE + BxA (5A6 GOUGE + BxA)
		613 7				TOI - 207.0 In mixed creamy-white and black carbonaceous flakey phyllite gouge. Margins of gouge lost

DDH 88G-02
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 21/88 Logged By: CWR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						in rubble
						207.0 - 207.8 - more competent mixed creamy white sericite phyllite, and mod⁻ soft black carbonaceous ↑ noncalcareous musc phyllite rubble. One fragment shows 5t/42 contact sharp, parallel to S_1? Later S_2 X-cuts contact
						207.8- EOT is soft, noncalcareous, creamy white, flaky, sericite phyllite gouge/rubble Contacts lost in rubble.
						Core is gouge + rubble, 2.4' recd
	12019 0	12112 1		110	15A16	I/
		1646				Mod⁻ soft, locally hard, black, noncalcareous, locally CS_2 foliated, carbonaceous phyllite. S_2 surfaces are dull carbon black + strongly mark fingers. Contains local minor qtz silstone laminae which define kinks. Core ū broken along S_2 fabric. Recov O.K
	12112 /	12113 7		111	14610	+ GOUGE
		1615 1				ū soft, creamy white, noncalcareous, altered musc + sericitic phyllite. S_2 surfaces are dull creamy white talc powder "talcose" readings. Top contact lost in rubble, bottom contact defined by X-cutting S_2. 2 cm thick flakey gouge interval. Gouge is 000/26°, S_2 dips 64° to core axis.
						Core is rubble + gouge, 1.2' recd

DDH 88G-02
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 21/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	121137	121175		112	151D14	* (5A6) 60:40.
		1616 3				Mixed unit of alternating thin bands of black 5A &
						pale light olive green 5D. Margins of bands are ll to S_2.
						Bands are about 4" thick. 5D4* is mod soft, CS_2
						foliated, carbonate laminated, pale olive green chl. phyllite.
						Dol and/or Anhydrite? occur in thin tan laminations which
						define lithons. Black 5A bands are also mod soft
						CS_2 foliated. 5A is noncalcareous, carbonaceous & contain thin
						qtz laminations which locally define lithons.
						TOT - 214.2 ū broken, recvy O.K.
						214.2 - EOT rubble 0.9' rec'd.
	121175	121190		113	151B16	2 GOUGE + RUBBLE (5A6) GOUGE + RUBBLE
		1616 8				TOT - 218.6 Mixed medium grey & black, flakey carbonaceous
						phyllite gouge. Margins lost in rubble.
						218.6 - EOT Highly broken & flakey, medium grey,
						ū soft, slightly carbonaceous, noncalcareous phyllite rubble.
						1.8' "spread out" rubble + gouge rec'd.
	121190	121470		114	151B12	(1000 + 9 mins) 75:25
		1618 3				TOT - 219.9, ū hard, mod fractured, prismatic white qtz
						vein. Thin local fractures infilled ū dol ū local traces of
						P_o & P_y.
						Remaining interval is ū soft, fissile, slightly carbonaceous,
						noncalcareous, muscovite phyllite. Unit is CS_2 foliated. S_2
						surfaces are dull medium grey and contain patchy white

DDH 88GF02 (2 — 8)

CURRAGH RESOURCES INC.
Lithologic Log

Page 08 c.

Date: Sept 21/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
						- grey alteration clay coatings. Contains local minor intervals of incipient flaky gouge developing along thin X-cutting Sz fractures.
						Core v broken, 3.4' rec'd.
L	212140	212320		115	10Q10	
		7107				v hard, white pegmatitic qtz vein. Vein is locally highly fractured & broken. Broken surfaces locally show thin tan-green coatings. Phyllite selvages of qtz vein are highly broken & slightly brecciated
						TOI - 229.0 v broken, recy good
						229.0 - EOI rubble, 1.5' rec'd.
L	213120	213162		116	15B16	2 weak
		7120				Mod soft to locally v soft, dominately P Sz foliated, noncalcareous, slightly carbonaceous, medium grey massive phyllite. Contains local minor pale green chl laminations developed along Sz foliation. Top 8" selvage to quartz vein is incipiently gouged // to Sz. Bottom 8" against another 10Q vein is also locally fractured & gouged.
						Core v broken, recy is O.K.
	213162	214110		117	10Q10	
		7135				- Highly fractured & broken, white narrow pegmatitic qtz vein
						Core is qtz rubble. 3.8' spread out rec'd.

DDH 88G-02 (2 8) CURRAGH RESOURCES INC. Page ____ of ____

Logged by CVR

ASSAY LOG (SAMPLER'S COPY) Date SEPT 21/88 Sampled by CVR

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	55.5 1 18 12 0	56.7 1 18 15 9	1161871 9	13 9	11 9	1 1 14E	(4E4) (1090) FRAGMENTS
	1 18 15 9	57.8 1 18 19 5	1161881 0	13 6	13 4	1 14E 11	Porous + Weathered BxA.
	1 18 19 5	58.6 1 19 12 2	1161882 1	12 7	13 6	1 14E 11	Porous + Weathered BxA.
	1 19 12 2	59.3 1 19 14 7	1161881 2	12 5	12 3	1 1 14A	Rubble
	1 19 14 7	60.5 1 19 18 5	1161881 3	13 8	13 5	1 14A 14	
	1 19 18 5	61.6 1 20 12 0	1161881 4	13 5	13 4	1 14A 14	
			EOH				

DDH 88-G-02

CURRAGH RESOURCES INC.
Lithologic Log

Page 09

Date: SEPT 21/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
	121411 0	121419 9		118	15B16	GOUGE
	17162					~ soft, medium grey, noncalcareous, flakes, muse phyllite gouge
						Gouge appears to be incipiently developed // to S2.
						3.1' gouge recd.
	121419 9	121515 0		119	15B16	
	17177					Medium grey, mod soft, PS2 foliated, slightly carbonaceous,
						muse phyllite. Contains local minor development of pale green
						chl. Foln // to S2. Local ~ thin qtz silstone laminations
						define microlithons. S2 surfaces range from shiny medium to
						dark grey. Unit is noncalcareous. Contains local minor thin
						intervals of incipient gouge developing // to S2.
						Core ~ broken along S2. Recov is good.
						EOH

C.R.I. 1987 F-3A

DDH 88G-02 (2 of 8)

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: SEPT 21/88 Logged By: CUR

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
		57.3 1 1 18 18 0	P I S R				2 8	Banding in 4E
		58.5 1 1 9 12 0	P I S R				4 10	" " "
		60.0 1 1 9 17 0	P I S R				4 9	Carb folia in 4A4
		61.0 1 2 10 10 0	C I S R			3 11 0 10 10	6 10	" " " "
		65.5 1 2 11 15 0	C I S R			2 8 0 10 10	7 10	Litions in 5D4 *
		67.8 1 2 12 12 5	C I S R			1 8 0 10 10	3 11	" " 5B2
		71.0 1 2 13 13 0	C I S R			3 10 3 4 10	7 13	Lithons in 5B6
		71.6 1 2 13 15 0	C I S R			3 11 3 4 10	6 15	" " "
		76.6 1 2 15 11 2	C I S R			5 10 0 10 10	5 15	" " "
								EOH

PROJECT 88G-02 DRILLHOLE NO. _____ COORDINATES: N _____ DATE _____

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGED _____ INCLINATION _____ ELEVATION _____

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (ft)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
117		.8															
122		4.9															
162		no sec.															
166		1.8								PcM		Kec	RQD				
166½		.5								236		4.4					
172		1.2								238		2.0					
174		.9								240		1.3					
179		.8								240½		.8					
182		1.2								246		2.5					
182½		1.1								251		2.7					
186		.9								255		4.0					
189½		3.1		.9													
192		3.3		1.4													
194½		2.2															
199		4.3		1.0													
202		2.8															
207		1.8															
209		1.9															
212		3.1															
213½		1.0															
218		5.4															
220		2.6															
222		1.6															
224		1.4															
229		5.6		1.2													
232		1.8															

Fig. 1. Typical rock mechanics core log.

DDH 88G-02 (2 8) metres

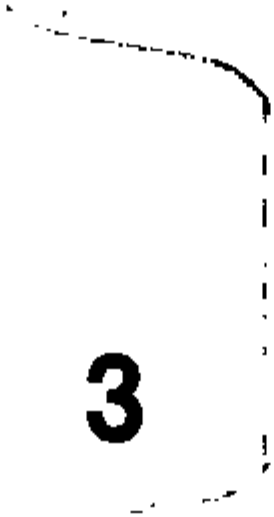
CURRAGH RESOURCES INC.

Fault Log

Page _____ of _____

Date: 16 Jan/91 Logged By: LCP

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 38	40 44	
	10	13.54	NIPI					Tricone2 — no recovery
	13.72	14.94	NIPI					Tricone2 — no recovery
	15.55	15.67	XIRI	1				
	15.67	15.73	X13IB	4				
	15.73	15.78	XIRI	1				
	15.78	15.81	2IBI					
	15.81	15.84	RI					
	15.86	15.93	J3IR	4				
	15.93	16.00	3IBI					
	16.00	16.07	JIRI	8				
	16.07	16.11	3IBI					
	16.11	16.37	GIRIX	4				
	16.37	16.46	3IBI					
	16.46	16.51	RIG	7		21.6	0.10	
	16.51	16.53	3IBI					
	16.53	16.63	RI	2				
	16.63	16.68	RIG					
	16.68	16.70	Q13IB	6				
	16.70	16.83	3IBI	6				
	16.83	16.98	3IBI					
	16.98	17.07	RI	5				
	17.07	17.20	3IBI					
	17.20	17.35	Q3IB	7				
	17.35	17.62	G	3				
	17.62	17.77	3IBI					
								EOH = 77.7


3

CURRAGH RESOURCES INC.

Page 1 of ____

DIAMOND DRILL CORE LOG

Date: SEPT 28 / 88

Hole Number: BBG-03

Reference Fabric Orientation Diagram:

Project: Grum 1988 Drilling

Location: Grum Deposit

Claim: _____

Terr.Plane Co-ords.: 6904 811.94 N

592 385.44 E

Grid Co-ords: 68 W 1.5 N

Elevation: 1269.00 m.

All symmetry determinations looking

Total Depth: 432 ft. 131.7m

NW with S2 dipping

Inclination: -90° Vertical

SW with dip azimuth _____.

Purpose: Reserve Definition Drilling

Reason hole Terminated: Drilled to targeted depth in to footwall.

Logged by: C.V. Read.

Date(s) Logged: Sept 28, Sept 29 / 88

Drilling Contractor: Arctic Diamond Drilling

Size	CORE From	To
NW	0	124.0
NQ	124.0	432.0

Collar Cased and Capped: N

Hole Cemented: N

Steel down Hole: N

Assay Lab: Mine B-C Au + S.G

Certificate No's: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 88G-03 (2 — 8)

Date: Sept 28/88 Logged By: CVR.

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 — 8	10 — 16	17 — 24	25 — 32	34 — 39	41 42	
T	88G-03	1269.00	9048111.9	591238 5.4		52	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 — 8	10 — 14	22 — 26	28 — 32	34 — 56
R	88G-93	100	180.0	0.0	AT COLLAR
R	88G-03	1040	178.9	019.0	SPERRY SUN SINGLE SHOT
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
	2 — 8	10 — 56

DDH 88G-03
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 28/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	0 0	12345		11	#	TRICONED - NO RECOVERY
		379				
	12145	12155		12	#	O/B Pebbles
		1383				Small subrounded to rounded O/B pebbles. Largest pebble 1" ϕ.
						Minor traces of O/B mud/clay recvd.
						1.0' of small variably sized O/B pebbles recvd.
	12155	12172		13	4L	v weathered
		1388				v soft & fissile, noncalcareous, white-grey, altered musc phyllite
						S2 surfaces are dull white-grey w abundant white "talcose"
						powder coatings.
						Core v broken w local platy pebble near EOZ Recvy is
						good.
	12172	11416		14	5188	(5DO) 70:30
		1446				Very mixed unit of: light grey-green, PS2 laminated, calcareous
						musc + chl phyllite, light grey green CS2 laminated w calcareous
						chloritic phyllite - and pale green grey PS2 banded calcareous
						chloritic phyllite - Sometimes referred to as "Green eggs & ham".
						70I - 133.4 is mod soft, CS2 foliated, light grey-green
						musc + chl phyllite. (588) S2 surfaces are shiny medium
						grey w local pale green chl clots. Contains abundant thin
						qtz + calcite laminae which commonly define lithons.
						133.4 - 139.3 same unit as above except PS2 laminated
						and less calcareous. Qtz + cc laminations are thin, aligned //
						to S2 + are often discontinuous.

DDH 88G-03
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 28/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						129.3 - 142.0 - same as highest SBB band except qtz - calcite lithons better developed + more abundant. It is mod soft pale grey-green, CS2 laminated musc+chl phyllite. 140.5 - 140.6 is incipiently gouged along thin foliation concordant fracture.
						142.0 - EOI is pale green-grey, chl > musc, PS2 bandded + laminated, moderately calcareous phyllite. Local thin bands defined by white-grey qtz + calcite. S2 surfaces are dull pale green-grey. (SDO)
						Contacts within this interval are gradational over a couple of inches. Contact w the uncerlying grey musc chl is sharp.
						Core is mod broken, recy is good
						141.8 - 142.0 foliation concordant incipient gouge interval.
	1 14 16 4	1 15 0 8		15	1 5 1 3 0	1 2 minor
		14 16 9				light grey, PS2 laminated, mod soft, mod calcareous, musc. phyllite S2 surfaces are shiny light steely-grey. Contains local thin white-grey, qtz + calcite laminae aligned // to S2. Contact w higher SD is sharp // to S2. Bottom 1.5' is medium to dark grey due to more abundant carbon on S2. Bottom contact is gradational.
						TOI - 151.7 w broken recy good
						151.7 - EOI v broken along S2 recy good.

DDH 88G-03
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 29/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	115.13	115.18 2		16	5B6	2
		418.2				Noncalcareous, PS2 laminated, medium - dark grey, mod soft, mod carbonaceous muss phyllite. S2 surfaces are shiny medium grey. Contains local thin white/grey qtz siltstone laminae aligned // to S2.
						Core is broken, recy good - no faults.
	115.18.2	116.17		17	5D6	
		419.3				V pale light green, PS2 laminated, noncalcareous, chl> muss phyllite S2 surfaces are dull pale olive green. Contacts is higher & lower SB are sharp // to S2. Contains local thin grey V qtz laminations aligned // to S2. S2 surfaces show local patchy tan-orange rust coatings.
						TOI - 159.9 is V broken, recy good.
						159.9 - EOI V broken due to local fractures. Recy is good.
	116.17	116.35		8	5B6	±2 minor.
		419.8				PS2 laminated, light grey to locally dark grey, noncalcareous muss phyllite. S2 surfaces range from light shiny silvery grey to medium shiny grey. Contains abundant thin white-grey qtz laminations // to S2. Calcite infills local thin fractures. Local minor rust on fracture surfaces.
						Core is broken, recy good. Top contact is against 2" thick foliaform pegmatitic qtz vein.

DDH 88G-03
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 29/88 Logged By: CWR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	116135	116163		19	15B164	[4LO] (10Q0) 70:30
		15107				Pale cream-grey to locally dull light green-grey, PS2 laminated, noncalcareous, altered musc>> chl phyllite. S2 surface is light dull grey - local white powdery "talcose" coatings. Bottom 5" against sulphides contain abundant thin pale green chl laminations developed // to S2. Bottom contact is sharp, // to S2. 165.4 to 166.0 is white foliaform pegmatitic qtz vein.
						Core in broken, rocky is gravel
	116163	117120		110	14L214	(4E8 ± 1 minor ± 8 trace) 65:45
		15124				TOI - 169.0 is thinly PS2 banded, noncalcareous, magnetic, massive pyritic soft. Unit is moderately banded. Banding is generally < 1 cm thick defined by local variations in interstitial grey qtz, + locally by thinner black magnetite bands. Dol occurs locally in small subrounded tan-orange rusted "clasts". Core is locally slightly porous due to weathering of dol? Est % Qtz 10-15% contains traces of sph in local ū thin bands aligned // to S2. Est Pb+Zn 2-3%. At 168.1 thin 4" band contains abundant paper thin microscrous folia developed // to S2. 169.0 - EOI is mod soft, sulphide rich, noncalcareous altered musc phyllite. Contains locally abundant thin to locally thick bands of dominate py, traces of Sph + Gal + local traces of magnetite. S2 surfaces are creamy light grey.
						Top contact ū 4E is brecciated + highly broken

DDH BBG-03

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 29/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Bottom contact in massive 4E is also brecciated. Est 7%
						$S^{=}$ 20-30% dominately Py. Est Pb+Zn 3-4%.
						70I - 169.2 in broken, recy good
						169.2 - 170.2 rubble, recy good
						170.2 - EOI in broken, recy good.
	11712 0	11718 2		111	14E 10	±4 ± 6 trace BxA.
		5143				Homogeneous, noncalcareous, massive, fine grained py breccia top 1.0' is large intact clast of thinly banded, high grade massive $S^{=}$. Banding generally < 1cm thick - defined by local concentrations of Sph + Gal + local minor dess^{n} barite. Banding defines Sa.
						Remaining interval is dominately a heavy, highly broken massive Py breccia. Individual clasts are generally < 1 cm ϕ, angular - in a matrix of fine, recrystalized py. At 175.2, rubble contains local fragments of high grade massive Py sulphides. Lower contact is brecciated + incipiently gouged.
						Est Pb+Zn ranges from 2 to 10%.
						TOI - 173.0 intact
						173.0 - 174.0 rubble + Py sand, recy good.
						174.0 - 175.0 in broken, recy good.
						175.0 - 176.5 rubble - recy o.k.
						176.5 - EOI in broken, recy good.

DDH 88GT-03 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 29/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	11718 2	11916 0		112	14LO	
		1519 7				Cream-grey, mod soft to locally v soft, pencalcareous, PS2 laminated altered musc>> chl phyllite. S2 surfaces range from creamy dull white here in local fractures + gouge intervals to dull light grey. Contains local minor development of thin pale green chl in thin PS2 laminations.
						TOI - 179.5 mod broken - incipiently brecciated + gouged
						179.5 - 180.2 Fraky - cream white gouge + brA. 3" core loss.
						180.2 - 185.1 m broken, recy good.
						185.1 - 186.6 v broken due to steep fracture - recy O.K
						186.6 - 193.2 s broken, recy good.
						193.2 - 195.1 v broken - incipiently gouged + brecciated recy O.K.
						195.1 - EOT s broken, recy good.
	11916 0	12010 7		113	5D14B	(4LO) 95:5
		1611 2				Dominate unit is featureless, thinly PS2 laminated, v soft, cream-tan, very altered, fine grained v massive dolomite phyllite. S2 surfaces are dull cream-tan. Contains local traces of fine py+qtz infilling local thin fractures.
						198 - 198.3 is altered v soft + gouged, white grey altered musc phyllite. Contacts with 5D4 are sharp, // to S2.
						Bottom contact w lower 5B4 is also sharp, // to S2. Core m broken, recy good. Parent likely a metabasite however not bright green "fuchsite" is visible.

DDH 88G-03

CURRAGH RESOURCES INC.

Lithologic Log

Date: SEPT 29/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	1210 P 7	1211.5		14	5B6	± 4
		1614 8				Light grey to locally white-grey, moderately soft to locally v soft, noncalcareous, locally altered muscovite phyllite. Unit is PS2 laminated - contains locally abundant thin g/z siltstone laminae defining S2. Unit is locally gouged & brecciated, unit is locally altered "bleached" near these local faults. S2 ranges from light shiny grey to dull white-grey near faults.
						TOI - 202.3 v broken, very good
						202.3 - 202.7 incipiently gouged & brecciated, very good. v broken
						202.7 204.9 v broken, very O.K.
						204.9 - 205.8 v broken, incipiently gouged & brecciated. very good
						205.8 - 209.5 m broken, very good
						209.5 - 210.3 incipiently gouged & brecciated
						210.3 - 211.5 m broken, very good.
						211.5 - FOI incipiently gouged & brecciated - gouge zone is foliation concordant. v broken, very good
	2112 5	2116 0		15	5B6	
		1615 8				Medium grey, v moderately soft, dominantly PS2 laminated, noncalcareous, muscovite phyllite. Contains local thin lithons defined by g/z siltstone laminae. S2 surfaces are shiny medium grey. Calcite infills local minor thin fractures.
						TOI - 213.0 rubble 0.2' core loss.
						213.0 - 213.2 foliation concordant gouge
						213.2 - FOI m broken, very good

DDH BBG-03

CURRAGH RESOURCES INC.

Lithologic Log

Date: SEPT 29/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	121/16 0	12131 1		116	15D10	
		1617 4				Medium grey, v calcareous, dominately PSz laminated, mixed soft mysc phyllite. Appears similar to #15 except contains abundant thin qtz + calcite siltstone laminations aligned // to Sz. Locally these laminations define lithons. Sz surfaces are shiny medium-grey.
						TOI - 216.6 m broken along Sz, very good
						216.6 - 217.2 v broken, with local incipient foliation concordant gouge, very good.
						217.2 - 218.7 m broken, very good.
						218.7 - EOI v broken along Sz foliation, very good.
	12121 1	12151 0 2		117	15D10	(588) 90:10
		716 3				A mixed unit of dominate PSz banded, v calcareous, pale green-grey chloritic phyllite w thin bands of CSz laminated light green-grey chl slightly ? mysc, moderately calcareous phyllite
						SD contains abundant qtz + calcite siltstone bands ranging up to 1 cm thick & define Sz locally, these bands define Sz. Sz surfaces are dull pale light olive green.
						Interbanded w SD at 237.2 - 237.8; 239.3 to 239.9 + 241.5 - 241.8 are thin intervals of pelitic origins? Bands have margins which are sharp, // to Sz, are CSz foliated pale green-grey chl + mysc phyllite. Lithons are defined by thin qtz > calcite laminae.

DDH 88G-03
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 29/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						TOI - 232.2 v broken, local incipient folia - concordant gouge
						221.6 - 221.7, 0.5' core loss.
						221.7 - 234.3 m broken, very good
						234.3 - 236.5 v broken due to steep fracture, very good
						236.5 - 237.2 incipient gouge + bxA v broken, very O.K.
						237.2 - EOI m broken, very good.
	21510 2	21517 2		118	41L	GOUGE + BxA
		718 4				TOI - 251.7 crumy, white phyllite mud gouge, margin lost
						in rubble 1.1' spread out recovered
						251.7 - EOI v soft, altered, white - grey, musc + sericite,
						highly broken, phyllite breccia + incipient gouge. Major
						fracture 12° to core axis.
						251.7 - 252.3 rubble, 0.6' rec'd
						252.3 - 253.3 v broken phyllite bxA + incipient gouge.
						0.7' rec'd.
						253.3 - EOI phyllite rubble 1.1' rec'd.
						Part of a major fault
	21517 2	21613 5		119	5A	GOUGE + BxA.
		810 3				Highly broken, v soft, black carbonaceous phyllite
						gouge + breccia.
						TOI - 258.2 is highly broken + fissile, incipiently gouged
						5A breccia. Contains local thin remnant qtz + cc siltstone
						laminae. recvy is good
						258.2 - 261.0 - highly broken, v soft, black 5A flaky gouge.

DDH 88G-03
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 29/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Recy is good considering core condition
						Remaining interval is highly broken incipiently gouged, black, carbonaceous phyllite BxA 1.3' core rec'd.
	12163 5	12172 9		1210	151A16	BxA (5A61) BxA 98:2
		18 12 2				Mod soft, highly broken, noncalcareous, black carbonaceous phyllite breccia + minor incipient gouge. Bottom contact with massive S= is sharp 10° to core axis
						TOI - 266.0 ū broken, local incipient BxA 2.5' rec'd.
						266.0 - 269.0 rubble - BxA + gouge 2.1' rec'd
						269.0 - 271.4 ū broken - incipient BxA recy O.K
						271.4 - EOI rubble - BxA + GOUGE. last 4" of unit is ū hard, siliceous, carbonaceous, noncalcareous, black, qtz-ite breccia fragment within 5A phyllitic breccia. 1.8' sawed out rec'd.
	12178 9	12179 5		1211	141G10	± BxA.
		18 15 2				Thinly banded, noncalcareous, moderately barritic, massive pyritic S= Banding defined by local concentrations of sph + gal + lesser Ba. Banding, generally < 1 cm thick defines Sz. Top and bottom 1 1/2" are incipiently brecciated. Breccia comprised of small non rotated angular clasts of massive fine py in matrix of recrystallized fine py <<< barite.
						TOI - 274.5 ū broken, recy good. incipiently brecciated.
						274.5 - 276.6 m broken, recy good.

DDH 88-G-03
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 29/88 Logged By: CWR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						276.6 - EOT V broken, locally incipiently brecciated, recvy good.
						Est Pb+Zn 8-10%
	21719 5	21810 5		212	14A10	Incipiently Brecciated
		8155				Mod V, hard, noncalcareous, black, ribbon banded, barren, carbonaceous
						qtz-rich. Ribbon banding defined by py + interstitial white-grey
						qtz. Banding highly disrupted due to abundant fracturing.
						Unit is very broken. S2 surfaces carbon black.
						Est % Py 8-10% Est Pb-Zn < 2%
						TOT - 280.0 rubble recvy good.
						280 - EOT V broken due to fracturing, recvy good.
	31810 5	21916 1		213	15A16	
		910 3				Mod soft to locally very soft, black, dominantly PSz
						foliated, noncalcareous carbonaceous phyllite. S2 surfaces
						range from dark grey to black. Carbon content increases
						gradually towards down the hole contains local amber
						lithons defined by thin qtz laminations S2 surfaces
						slightly mark fingers near TOT - strongly mark fingers at
						EOT
						TOT - 282.5 m broken, recvy good. 282.3 - 282.5 contains
						3 1/2 cm pale green, thinly laminated tuffaceous bands
						aligned // to S2.
						282.5 - 286.2 V broken, contains local gouge + incipient brA. 2.1' rec'd,
						286.2 - 288.5 rubble due to steep fracture. Recvy Good
						288.5 - 292.3 m broken, recvy good.

DDH 88GT-03
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 29/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						292.3 - 292.5 Incipient gouge rubble recov 0.K.
						292.5 - 293.5 ~ broken, recov good.
						293.5 - EOT incipient BxA + local minor gouge. Core is rubble, recov good.
	121916 1	131016 2		1214	141E10	BxA ± Porous ± Sand
		1913 3				TOT - 300 massive, barren py sand + rubble. 0.6' rec'd.
						300 - EOT is highly broken, locally porous, barren, brass-yellow, massive py breccia. Individual clasts are angular, range up to 5cm ϕ + locally rotated - clasts supported in fine grained recrystallized massive py. Ratio of clasts: matrix ~ 70:30. Core locally porous due to weathering of carbonate in fractures. Unit is noncalcareous.
						Est ΣS+Σn < 2%
						TOT - 300 sand + rubble, 0.6' rec'd.
						300 - 304.0 ~ broken, local rubble, recov 0.K.
						304.0 - 305.0 rubble, recov 0.K
						305.0 - EOT ~ broken, local rubble, recov 0.K
	131016 2	131115		1215	151D14	(4EO ± BxA) 70:30
		1915 0				Dominant unit is a moderately soft pale-buff-tan green, PSz laminated, aphanitic?, altered chloritic phyllite. Near TOT, local minor small height green "fuchsite" spots visible. When pulverized, effervesces slightly in 20% HCl.
						Interbanded ~ this unit at 307.0 to 308.0

DDH 88G-03
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 29/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						and 308.5 to 309.9 is fine grained, incipiently brecciated, barren, noncalcareous massive pyrite $S^{=}$. Margins $\bar{v}$ 504 highly fractured + brecciated.
						TOI - 308.0 rubble, very 0.5
						308.0 - EOI m broken, very 0.5
	131 11 8	131 12 7		1216	14 E 14	± 1 minor ± 7 minor
		1 4 8 4				yellow - brown, mod hard, poorly banded, noncalcareous, massive pyrite $S^{=}$. Banding defined by local concentrations of red brown sph + gal and local interstitial grey qtz Banding ranges on a scale up to 5cm thick, is diffuse, + locally defines at least 2 V phase 2 Fold noses.
						Near EOI, unit is incipiently brecciated. Last 5" is highly fractured massive bronze Po. Po has been remobilized into local fractures in higher massive py sulphides.
						Est Pb + Zn 6-8%?? Core slightly broken, very good. No visible oxidation. Core locally waxy, due to weathering out of carbonate in local fractures.
						Est % Qtz $\bar{v}$ 10-12%
	131 21 2 7	131 31 3 6		1217	15 B 14 6	BxA + GOUGE (SAB GOUGE) 80:20
		1 1 0 1 1 7				Dominately $\bar{v}$ broken + fractured, light white-grey, mod soft to very soft, altered musc phyllite breccia + flakey gouge. Unit is noncalcareous. Contains local Po infilling fractures near top contact $\bar{w}$ higher massive $S^{=}$.
						TOI - 325.5 $\bar{m}$ broken, incipiently brecciated SB 46

DDH 88G-02 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 29/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						325.5 - 327.0 Flaky, black, noncalcareous, carbonaceous phyllite gouge + breccia. Core is rubble + gouge. 1.5' spread out rec'd.
						327.0 - 329.0 light white grey, incipiently gouged + brecciated altered mass phyllite. Core is v broken, soft & fissile very good.
						329.0 - EOI - highly broken, incipiently + gouged brecciated, STBG rubble. 2.3' spread out rec'd
	13 13 3 6	13 16 18 6		12 18	15 18 16	±4 [360 ±4] (4L GOUGE)
		1 1 1 12 3				Dominate unit is a light grey, moderately carbonaceous, PS2 laminated, noncalcareous mass phyllite. S2 surfaces are light silvery grey. Locally near upper + lower contacts w major faults, unit is "bleached" to a light white-grey. S2 surfaces also lighter dull grey. Unit contains abundant thin fractures containing minor incipient gouge.
						342.2 - 342.8 is cream-white phyllite mud gouge. Margins of gouge zone lost in rubble
						EOI - 337.2 v broken, very O.K.
						337.2 - 342.8 rubble + local gouge 3.8' rec'd.
						342.8 - 348.4 m broken, recov good.
						348.4 - 350.1 v broken, minor incipient gouge 1.8' rec'd.
						350.1 - 354.5 m broken, very good.
						354.5 - 355.5 rubble - end run - very good.
						355.5 - 360.9 m broken very good

DDH 88-03

CURRAGH RESOURCES INC.

Lithologic Log

Date: SEPT 29/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						360.9 - 364.0 - ū broken, recipient gouge + BxA. 2.1' rec'd
						364.0 - 367.5 ū broken, very OK.
						367.5 - EOI rubble 0.7' rec'd
	316.6	317.1	5	219	41G	GOUGE + BxA
		1113	2			Cream-white, highly altered, ū soft + friable, flaky, muse + sericite gouge + breccia. Remnant PSz foliation trends nearly // to core axis. Foliation surfaces X cut by numerous, sooped fractures trending @ 50° to core axis. Margins of 4L gouge + BxA zone lost in rubble.
						Core recovery is good.
	317.1	410.9	0	130	13G10	± 9 [5B6 ± 2] (5D4 *) Trace (10Q0) minor
		1214	7			Dominate unit is medium to locally dark grey, moderately carbonaceous, dominately PSz laminated, noncalcareous, muse + <<< chl phyllite. Contains local thin pale green chl laminations developed at margins of local fg bedforms thin qtz veins Sz surfaces are light to medium shiny grey Unit slightly altered near local thin fractures + local thin recipient gouges intervals. Unit is black in local thin intervals.
						404.0 - 405.2 is pale green altered chloritic phyllite interval. Within this band is 3" thick fracture infilled with massive Po > Py > Sz surfaces of 5D4 band are dull cream-green. Effervesces slightly when powdered + mixed in 20% HCl.
						374 - 375.1 is highly fractured and broken pegmatitic qtz vein.

DDH BBG-03 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 29/88 Logged By: CWR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						TOI - 372.7 m broken, very good
						372.7 - 376.0 rubble, 3.3' rec'd. unit incipiently sheared + brecciated at margins of qtz vein
						376.0 - 386.6 m broken, very good.
						386.6 - 401.0 rubble m local minor incipient gouge + bx'n. 9.7' rec'd. spread out.
						401.0 - EOI v broken, very good.
	4101 9 0	4111 5 0		131	131G19	[5362]
		1216 5				Dark grey, moderately carbonaceous, noncalcareous, PS2 laminated muscovitic phyllite (contains local, minor thin qtz siltstone laminae aligned // to S2. S2 surfaces dull - dark grey to black Core v broken, very good.
	4115 0	4121 2 2		132	141E11	±7 (4LO) 60:40
		1218 7				4L unit is a v soft, PS2 laminated, pale light grey-green altered muscovitic phyllite S2 surfaces are dull light grey w slight green aspect. Phyllite is noncalcareous.
						Within 4L from 417.3 - 421.0 is highly fractured + broken, moderately weathered, v hard semi-massive pyritic S=. Banding is poorly developed + highly disrupted due to abundant thin fractures. Banding is defined by v fine dark grey interstitial qtz + local diss Py. No visible sph or gal. Fracture surfaces show local patchy rust. Margins w 4L lost in rubble. Est 2 qtz 15-20%

DDH BBG-03
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 29/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						401 - 417.2 V soft - fissile 4L 0.6' rec'd.
						417.2 - 421.0 rubble - 2.8' rec'd.
						421.0 - EOT V broken, recy O.K
	41312 2	41315 0		1313	41L	GOUGE
		11219 5				Soft, monticaneous, flaky, cream-grey mud gouge. Margins not rec'd. Recovery is V poor - Only 0.3' rec'd.
	41315 0	41312 0		1314	31G19	[SA62] (1000)
		11311 7				Highly broken & locally fractured, mod soft, dark grey to black noncalcareous carbonaceous phyllite. Appears similar to #31. Unit is DSa foliated, contains local minor thin g/z siltstone laminae // to Sa. Sa surfaces are dull dark grey to black & weakly mark fingers. 425.3 - 426.0 is white pcg. g/z vein. Margins of vein are slightly brecciated. 427.0 - 427.5 is sandy O/B cave. Cave V broken recy good. Minor incipient gouge + brx from 431.7 - EOH. Unit slightly "bleached" near fltd zone.
						EOH

DDH BBG-03 (2 8) CURRAGH RESOURCES INC. Page ____ of ____

Logged by GUR

ASSAY LOG (SAMPLER'S COPY) Date SEPT 29/88 Sampled by CH

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	50.7 1161 63	51.5 1161 90	1161915 16	12 7	11 4	1 14 E 18	± 1 minor ± 8 trace
	1161 90	52.4 1171 20	1161915 17	13 0	14 4	14 L 12 14	
	1171 20	53.5 1171 55	1161915 18	13 5	14 3	1 14 E 10	± 4 ± 6
	1171 55	54.3 1171 82	1161915 19	12 7	13 9	1 14 E 10	± 4 ± 6
	83.2 1217 29	84.2 1217 61	1161916 10	13 2	13 9	1 14 G 10	± B x A
	1317 61	85.2 1217 95	1161916 11	13 4	14 2	1 14 G D	± B x A
	1217 95	85.5 1218 05	1161916 12	11 0	12 5	1 14 A 10	
	90.3 1291 61	91.7 1310 08	1161916 13	14 7	11 7	1 14 E 10	Sand ; B x A rubble
	1310 08	93.3 1310 16	1161916 14	15 4	16 4	1 14 E 10	B x A.
	1310 16	94.4 1310 97	1161916 15	13 5	13 8	1 14 E 10	(SD 4) 80:20
	1310 97	95.0 1311 18	1161916 16	12 1	12 5	1 15 D H	*
	1311 18	96.3 1311 60	1161916 17	14 2	14 5	1 14 E 14	± 1
	1311 60	97.6 1312 02	1161916 18	14 2	15 6	1 14 E 14	± 1
	1312 02	99.0 1312 47	1161916 19	14 5	14 8	1 14 E 14	± 1 ± 7
	127.2 1411 72	128.3 1412 10	1161917 10	13 8	12 9	14 E 11	± 7

Page _____ of _____

DDH 88-03 (2 / 8)

CURRAGH RESOURCES INC.
Structural Log

Date: SEPT 30/88 Logged By: CWR

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
		39.3 11 12 19 0	PIS 12				6 8	Micaceous Foliation
		43.6 11 14 13 0	PIS 12				6 11	" "
		47.4 11 15 15 5	PIS 12				6 13	" "
		50.1 11 16 14 5	PIS 12				6 19	" "
		55.2 11 18 11 0	PIS 12				6 12	" "
		58.4 11 19 11 5	PIS 12				5 10	" "
		61.0 12 10 10 0	PIS 12				5 16	" "
		65.4 12 11 14 5	PIS 12				4 18	" "
		69.5 12 12 18 0	CIS 12			2 18 0 10 10	6 9	Lithons in SDB
		73.5 12 14 11 0	CIS 12			3 13 0 10 10	6 10	Lithons in SDB
		75.9 12 14 19 0	PIS 12				6 12	Micaceous Foliation
		77.1 12 15 13 0	PIS 12				1 8	Foliation in micaceous incipient gneiss
		80.6 12 16 14 5	PIS 12				5 12	Carbonaceous Foliation
		84.0 12 17 15 5	PIS 12				6 12	Banding in 46
		85.7 12 18 11 2	PIS 12				6 12	Carbonaceous foliation
		88.5 12 19 10 3	PIS 12				7 9	" "
		94.8 13 11 11 0	PIS 12				4 4	Foliation in SD
		101.3 13 13 12 2	PIS 12				7 11	Micaceous foliation
		105.8 13 14 17 2	PIS 12				6 10	" "
		107.0 13 15 11	PIS 12				5 16	" "
		111.6 13 16 16	PIS 12				8 10	" "
		114.8 13 17 16 5	PIS 12				6 6	" "
		117.0 13 18 14 0	PIS 12				8 12	" "
		121.0 13 19 17 0	PIS 12				8 10	" "
		124.1 14 10 17 0	PIS 12				7 10	" "
		125.9 14 11 13 0	PIS 12				7 8	" "
		131.4 14 13 11 5	PIS 12				7 11	" "

TOC

PROJECT 88G-03 DRILLHOLE NO. _____ COORDINATES: N _____ DATE _____

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGED _____ INCLINATION _____ ELEVATION _____

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
129		4.7						*	→	Rock		Rec	RQD			*	→ Rock Rec RQD
132		2.4								236		4.3	.9				330 3.1 1.1
137		5.6		3.0						239		3.2					335 4.1
142		5.2		2.2						242		4.2	.9				342 4.0
147		6.0		1.8						247		5.3	3.1				346 3.7 .6
152		5.3		2.4						252		5.4	1.0				350 4.0
155½		3.3								257		2.7					355 4.8 .5
161		5.8		.5						261		4.0					360 5.5 1.0
164½		4.0								263½		1.8					364 3.6
170		6.2		3.0						267		3.1					369 4.6 .5
175		5.3		1.9						269		2.1					375 6.5
176½		2.1								272		4.1					378½ 3.7
180½		4.2		1.5						274½		4.8					382 4.1
184		3.2								279½		5.9	.8				387 5.7 .5
189		5.7		.9						282		5.0					391 2.7
194		5.6		1.8						287		2.7					396 3.0
199		5.7		1.0						290		5.1					401 3.7
202		1.8		.8						295		4.9	.8				405 4.0 .4
205		3.9								300		2.1					410 .5
209		3.3								305		4.8	1.5				415 4.9 .4
212½		3.7		.9						307		3.3					419 2.7
214		1.3								309		1.2					421 .8
219		5.8		.4						312		4.2	1.9				425 1.6
222		2.6								317		5.5	4.9				427 1.9
227		5.8		1.9						322		5.4	4.0				430½ 2.9
232		5.0		3.0						327		6.4	3.4				432 2.2
																	EOH

Fig. 1. Typical rock mechanics core log.

DDH 88G-03 (2 … 8) metres

CURRAGH RESOURCES INC.
Fault Log

Page _____ of _____

Date: 16 Jan/91 Logged By: LCP

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 38	40 44	
	10.0	13.79	NPI					Triconed - no recovery
	13.83	13.88	3BI					
	13.88	14.62	2BI					
	14.62	14.69	3BI					
	14.69	14.82	2BI					
	14.82	14.87	1BI					
	14.87	14.93	J3B					
	14.93	15.07	2BI					
	15.07	15.16	1BI					
	15.16	15.19	RI					
	15.19	15.24	2BI					
	15.24	15.43	X1RB					
	15.43	15.47	G2B					
	15.47	15.49	GX1					
	15.49	15.64	2BI					
	15.64	15.69	J3B					
	15.69	15.89	3BI					
	15.89	15.95	G3B					
	15.95	15.97	1BI					
	15.97	16.12	2BI					
	16.12	16.17	3BI					
	16.17	16.18	GXB					
	16.18	16.25	3BI					
	16.25	16.27	GXB					
	16.27	16.39	2BI					
	16.39	16.41	1XG					
	16.41	16.45	2BI					
	16.45	16.48	1X6					
	16.48	16.49	RI	6				
	16.49	16.50	GI					
	16.50	16.60	2BI					
	16.60	16.62	3BI					
	16.62	16.67	2BI					
	16.67	16.77	3BI					
	16.77	17.14	2BI					

DDH 886-03 (2 8) CURRAGH RESOURCES INC.

Page _____ of _____

Fault Log

Date: 16 Jan/91 Logged By: LCP

metres

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 38	40 44	
	1171 4	1172 1	J13B					
	1172 1	1172 3	G1X1B					
	1172 3	1176 3	21B1					
	1176 3	1176 7	G1 1	6				
	1176 7	1178 4	X13B					
	1178 4	1178 7	X13B					
	1178 7	1179 6	G13B					
	1179 6	1180 3	X13B					
	1180 3	1181 3	X1G1B					
	1181 3	1183 7	X13B					
	1183 7	1184 3	21B1					
	1184 3	1185 2	X13B					
	1185 2	1185 5	X1B1R					
	1185 5	1186 1	21B1					
	1186 1	1187 2	X1G1B	5				
	1187 2	1187 9	J1R1					
	1187 9	1189 1	21B1					
	1189 1	1189 2	1G1R					
	1189 2	1189 5	21B1					
	1189 5	1190 3	1X1G					
	1190 3	1191 4	X1R1	1				
	1191 4	1192 7	X13B					
	1192 7	1193 0	X1R1					
	1193 0	1193 3	X13B					
	1193 3	1193 9	X1R1					
	1193 9	1195 0	X12B					
	1195 0	1198 4	11B1					
	1198 4	1199 2	21B1					
	1199 2	1199 7	X1G1R					
	1199 7	11010 3	31B1					
	11010 3	11011 7	X1G1R					
	11011 7	11012 8	31B1					
	11012 8	11014 5	G1R1	8				
	11014 5	11016 2	21B1					
	11016 2	11016 7	31B1					
	11016 7	11018 1	21B1					

DDH BBG-03 (2 / 8)

CURRAGH RESOURCES INC.
Fault Log

Page _____ of _____

Date: _____ Logged By: _____

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 38	40 44	
	1108 1	1108 4	R					
	1084	1110 0	2B					
	1110 0	1109	G13B					
	1109	1120	3B1					
	1120	1123	R					
	1123	1132	G1XR			510	0010	
	1132	1136	2B1					
	1136	1146	R					
	1146	1178	2B1					
	1178	1222	R					
	1222	1265	3B1					
	1265	1272	T13B	2				
	1272	1283	R					
	1283	1287	3B1					
	1287	1295	G	1				
	1295	1317	3B1					
								EOH = 131.7


4

CURRAGH RESOURCES INC.

Page 1 of ____

DIAMOND DRILL CORE LOG

Date: SEPT 22/88

Hole Number: 88G-04

Reference Fabric Orientation Diagram:

Project: Grum 1988 Drilling

Location: Grum Deposit

Claim: ____

Terr.Plane Co-ords.: 6904 753.11 N

592 495.02 E

Grid Co-ords: 64W. 2.5 N

Elevation: 1268.32

All symmetry determinations looking

Total Depth: 334.0 ft. (101.8m)

NW with S2 dipping

Inclination: -90° Vertical

SW with dip azimuth ____.

Purpose: Reserve Definition Drilling

Reason hole Terminated: Drilled to targeted depth - Drilled into vicinity of underground holes.

Logged by: C.V. Revel

Date(s) Logged: Sept 22, Sept. 23

Drilling Contractor: Arctic Diamond Drilling

Size	CORE From	To
NW	0	121.6'
NQ	121.6'	334.0'

Collar Cased and Capped: N

Hole Cemented: N

Steel down Hole: N

Assay Lab: Mine B-C for Au S.G

Certificate No's: ____

Started: ____ Completed: ____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 88G-04 (2 8)

Date: SEPT 22/88 Logged By: CUR.

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 8	10 16	17 24	25 32	34 39	41 42	
T	88G-04	1268-32	9047531.1	5182795.10		52	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	88G-04	100	180.0	0.0	AT COLLAR
R	88G-04	2190	177.5	350.0	SPERRY SUN SINGLE SHOT
R	88G-04	3190	177.0	348.0	SPERRY SUN SINGLE SHOT
R			.	.	
R			.	.	
R			.	.

DDH 88G-04
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 22 1988 Logged By: CKR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	10 0	11211 6		1	TI	TRICONED - NO RECOVERY
L	11211 6	11318 0		2	01	O/B FILL + BOULDER FRAGMENTS.
		1412 1				Dominantly small re-drilled 10AB Anvil Rock, O/B boulder fragments. Largest fragment recv'd is 6" long. Also recv'd are small subrounded O/B pebbles, generally < 2cm ϕ
						TOI - 123.0 1.6' O/B pebbles + granitic boulders recv'd.
						123.0 - 138.0 1.9' " " " " " " . Near
						Bedrock interface is 1 3" long piece light grey, slightly rusted, fine grained qtzite.
L	11318 0	11410 0		3	14L	Extremely Weathered + Rusted
		1412 7				Rust - orange, extremely friable, extremely weathered + iron oxidized micaceous phyllite. Unit is noncalcareous PS2 foliated
						1.8' of flaky rubble recv'd
L	11410 0	11414 6		4	15B	64 GOUGE
		1414 1				v soft, medium grey to locally creamy white, greasy, flaky, gouge. Bottom 4" selvage against pyritic quartzite is bleached to whitish-cream colour. Margins of gouge not recovered.
						1.2' gouge recovered.
	11414 6	11417 0		5	14C	13 " Micaceous "
		1414 8				Mod hard, noncalcareous, pyritic banded quartzite.
						Contains abundant thin micaceous foliations developed // to S2

DDH 88G-04
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 22/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Core tends to break along this foliation. Py bands range
						From 1 to 5 cm thick + define Sa. No visible base metal
						content. No visible weathering. Est % Py 30-40%.
						Core ī broken, recy O.K.
	1147 0	1514 5		16	5814	6
		417 1				Medium grey, locally ✓ slightly "bleached", ī soft, noncalcareous, musc
						phyllite. Sa surfaces are dull medium grey, locally are dull
						light grey. Local patchy rust on Sa surfaces
						TOI - 150.0 Rubble 0.8' rec'd.
						150.0 - 151.0 ī broken, recy O.K.
						151.0 - EOI Rubble, 2.3' rec'd.
	1514 5	1713 9		17	4140	±2 minor.
		1513 0				Creamy white, bleached, mod soft, noncalcareous, altered
						musc + sericite phyllite. Sa surfaces are dull to locally
						shiny creamy-white. Sa surfaces have abundant patchy white
						powdery "talcose" coatings. Local development of pale green
						chl in thick laminations ⊥ to Sa. Contains thin minor local
						stringers + bands of fine py + qtz. Est % S= ∠2%.
						TOI - 163.0 ī broken w local minor incipient gouge
						7.8' rec'd
						163.0 - 167.0 ī broken, recy good.
						167.0 - 172.5 rubble, 5.1' rec'd.
						172.5 - EOI ī broken, recy O.K.

DDH BBG-04 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 22/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
	117.13	117.19		18	15B16	
		151.46				Medium grey, mod soft, noncalcareous, PS2 foliated muse phyllite. S2 surfaces medium shiny grey. Contains local thin pale green chl laminations developed // to S2 foliation. Core in broken, No faults. Recov Good.
	117.19	118.13		19	41L10	(5B6) (5C4) 60:30:10
		118.55				TOI - 181.1 is mod soft, light, pale, grey-green, noncalcareous, altered muse>chl phyllite. S2 surfaces are light shiny grey. W local pale green chl clots. S2 locally disrupted by late fine fractures. Locally, these fractures are infilled W fine py.
						181.1 - 182.0 V soft + fissile, locally rusted, pale lem-green metabasite. Local patchy bright green "fuchsite" on S2 surfaces. Margins of 5C band // to S2.
						182.0 - EOI - medium grey, PS2 foliated, slightly carbonaceous, noncalcareous muse + chl phyllite. S2 surfaces are medium shiny grey. S2 + fracture surfaces show local minor patchy rust. Lower contact W massive S= not recovered.
						TOI - 190 W broken, recov good
						190 - EOT V broken, recov good.
	118.13	118.18		10	41A14	(4E4 +/ minor) 60:40
		118.57.3				TOI - 185.1 is locally thickly banded, sph rich, noncalcareous, massive pyritic S=. Bandings defined by abundant red-brown sph W dess fine py. Bands generally < 2 cm thick &

DDH 88G-04
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 06 c.

Date: SEPT 22 1988 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						define S_2 Aneur TOI, one 2 cm subrounded block "close" of 40. Contains local minor, ½ thin PS2 bands containing interstitial fine grained grey qtz. Slight patchy rust on broken fracture surfaces. Est Pb+Zn 18-19% Sph > Gal.
						Remaining interval is PS2 banded, moderately carbonaceous, pyritic quartzite. Top 1.2' contact w 4E4 is extreme Sph rich. Sph content decreases rapidly. Last 1.6' of interval is barren. S_2 surfaces are dull medium grey-black. Est 0% Py 20% Est % Pb+Zn 6-8% Sph > Gal.
						TOI - 186.0 m broken, recy good.
						186.0 - 187.0 ½ broken due to steep fracture - recy good
						187.0 - EOT m broken, recy good.
	1818 0	1920		11	4K2	Moderately Weathered
		58 5				Highly broken & fractured, mod soft, noncalcareous, PS2 foliated, altered musc + chl phyllite. Overall colour is dull light grey-green. Contains local thin stringers & bands of qtz + fine py. Est % Py 3-5%. Fracture surfaces have abundant patchy orange rust coatings. Local minor thin bands of incipient gouge developing along thin fractures.
						Core is ½ broken, recy O.K
	1912 0	2127	1	12	4A10	
		69 2				Barren, V. hard, CS2 foliated, noncalcareous, ribbon banded, carbonaceous qtzite. Ribbon banding ranges from ½ cm

DDH 88G-04
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 22/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						to 6 cm thick + defines S_2 + locally S_1. Banding is defined by fine py + interstitial fine grey-white qtz. Unit is locally highly fractured. Fractures have been locally weathered out to give rise a locally vuggy texture. $S^=$ Banding, 25-30% of unit volume. Est % Py 15-20% Est % Pb+Zn <2% No visible weathering.
						TOT - 197.2 Rubble due to fracturing. Recy good.
						197.2 - 216.8 $\bar{3}$ broken, recy good.
						216.8 - 222.4 $\bar{3}$ broken due to fracturing. Recy O.K.
						222.4 - EOI rubble + brecciated 4A CONCOE 0.9' rec'd.
	212.7 1	214.6 0 75 0		113	41E14	± 6 Porous Weathered.
						Hard banded, recrystallized, locally porous + friable, thinly banded, massive pyritic $S^=$. Banding trends nearly parallel to core axis + defined by local concentrations of sph + gal + lesser ba. Top 3' of unit is slightly brecciated. Local minor white powder oxidation coatings on fracture surfaces.
						Est Pb+Zn 8-10%
						TOT - 231.1 $\bar{3}$ broken, recy good.
						231.1 - 232.4 rubble - end run - recy good.
						232.4 - 235.6 $\bar{3}$ broken, recy good.
						235.6 - 237.0 rubble - end run - recy good.
						237.0 - EOI $\bar{3}$ broken, recy good.

DDH 88G-04

CURRAGH RESOURCES INC.

Lithologic Log

Date: Sept 23/88 Logged By: CVR

From	To	Recov.	No.	Unit	Description
121416 0	121613 1		1114	141610	Porous - Moderately Weathered.
	90 2				Grey-white + brassy, yellow banded, locally highly baritic,
					narcalcareous massive barite/pyritic sulphate/sulphide.
					Banding is generally thin, < 1cm thick, & defined by
					alternating bands of grey-white fine barite + lesser sph + gal
					and fine grained pyrite. Banding defines Sz steep fractures
					are locally weathered out giving core a "pocked" appearance
					Fracture surfaces have local white powdery oxidation coatings.
					Est Zn Pb ranges from 10 to 40%, Est Pb+Zn
					6-8% - May be an underestimate!!
					TOI - 247.0 Rubble Recy O.K - Fair Run
					247.0 - EOI m broken Recy O.K.
					No obvious faults
121613 1	121710 5		1115	141E14	Porous, mod hard, brassy, yellow-brown, thinly banded
	B2 4				massive pyritic S=. Banding defined by red-brown sph +
					lesser gal. Banding defines Sz TOI - 267 - porous due
					To weathering of carbonate? local white powdery coating on
					broken surfaces. No obvious faults.
					Est % Pb+Zn 6-8%.
					TOI - 267.0 m broken Recy GOOD.
					267.0 - EOI intact.
121710 5	121715 0		1116	141E141	→ [4D344]
	B3 8				Sph rich, thin to locally thick, banded, siliceous, massive
					pyritic S=. Banding ranges on a scale up to 5cm thick

DDH 88G-04

CURRAGH RESOURCES INC.

Lithologic Log

Date: SEPT23/88 Logged By: CJR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						and defined by abundant med-brown sph + disc fine Py. Banding also locally defined by medium grey, fine grained qtz. Texturally - the unit appears to be a sulphide flooded qtzite, Sulphide content is in the ~75% range. Est Pb + Zn 14-16%. Unit locally slightly porous due to weathering of carbonate
						Core intact - recov good - No faults.
	12 17 15 0	12 17 17 2		11 7	14 A 13 14	4
		84 5				V high grade, sulphide rich, ribbon banded carbonaceous qtzite. Unit is locally Cs2 foliated, s= banding generally defines Sz. Banding defined by dominate Sph, lesser Py & minor Gal. Banding is generally thin, < 1 cm, 1 local py band 5 cm thick. Banding is 30% to 35% of unit volume. Sz surfaces dark - grey to black. Margins of 4A band // to compositional banding.
						Est Pb + Zn 12-14% Sph >> Gal
						Core intact recovery good
	12 17 17 2	13 13 14 0		11 8	14 A 10	(5C4*) trace.
		101 8				V hard, locally Cs2 banded, barren, ribbon banded carbonaceous qtzite. Bands range from 1 to 15 cm thick & define Sz - locally define S1. Bands consist of dominate fine py + lesser, interstitial fine grey qtz. Py content decreases moving down the hole. Unit is locally highly fractured. Fractures are infilled w/ calcite.

DDH BBG-04
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 23/88 Logged By: CWR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Locally, calcite has been weathered out to form deep vugs.
						277.8 - 279.0 is brecciated & slightly porous. Brkt likely a result of light local F_2? nose.
						Est % P_y 15-20% Est % Blebs < 2%
						TOT - 285.0 m broken, recy GOOD / 285.0 - 289.0 m broken, recy
						O.K / 289.0 - 291.5 rubble due to steep fracturing, recy O.K
						291.5 - 293.7 m broken, recy O.K
						293.7 - 296.0 v broken due to local steep fractures - recy O.K
						296.0 - 311.9 m broken, recy good.
						311.9 - 315.2 pale white-green, v soft, highly altered dolomitic?, chl - sericite phyllite. Thin, wavy wh.te-tan bands define S_1 & S_2. Unit is locally highly broken & friable.
						311.9 - 312.4 is mod broken, recy O.K
						312.4 - 315.2 is rubble, 2.4' spread out recd
						Top contact of SC band is // to S_2, bottom contact lost in rubble
						315.2 - 318.1 rubble, recy O.K. rubble due to steep fracture
						318.1 - 322.0 m broken, recy O.K.
						322.0 - 324.2 v broken due to steep fracture, recy O.K
						324.2 - EOH m broken, recy O.K.
						No obvious faults.
						EOH

DDH BBG-04 (2 8)

CURRAGH RESOURCES INC.

Page _____ of _____

Logged by CUR

ASSAY LOG (SAMPLER'S COPY)

Date SEPT 23/88 Sampled by CH

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
	44.1 1 1 4 1 7 6	44.8 1 1 4 1 7 7	1 1 6 1 8 1 8 1 5	1 2 4	1 2 5	1 1 4 1 C 1 3	"Micaceous"
	1 1 1 1	1 1 1 1	1 1 1 1 1	1	1	1 1 1 1	
	55.9 1 1 8 1 3 5	56.8 1 1 8 1 6 3	1 1 6 1 8 1 8 1 6	1 2 8	1 2 8	1 1 4 1 E 1 4	± 1 m. nor
	1 1 8 1 6 3	57.3 1 1 8 1 8 0	1 1 6 1 8 1 8 1 7	1 1 7	1 2 7	1 1 4 1 A 1 4	
	1 1 8 1 8 0	58.5 1 1 9 1 2 0	1 1 6 1 8 1 8 1 8	1 4 0	1 3 6	1 1 4 1 C 1 2	
	1 1 9 1 3 0	59.7 1 1 9 1 6 0	1 1 6 1 8 1 8 1 9	1 4 0	1 4 6	1 1 4 1 A 1 0	
	1 1 9 1 6 0	61.3 1 2 1 0 1 1 2	1 1 6 1 8 1 9 1 0	1 3 2	1 5 7	1 1 4 1 A 1 0	
	1 2 1 0 1 1 2	62.8 1 2 1 0 1 6 2	1 1 6 1 8 1 9 1 1	1 5 0	1 5 2	1 1 4 1 A 1 0	
	1 2 1 0 1 6 2	64.3 1 2 1 1 0 8	1 1 6 1 8 1 9 1 2	1 4 6	1 5 0	1 1 4 1 A 1 0	
	1 2 1 1 0 8	65.7 1 2 1 1 5 7	1 1 6 1 8 1 9 1 3	1 4 9	1 6 0	1 1 4 1 A 1 0	
	1 2 1 1 5 7	67.4 1 2 1 2 1 0	1 1 6 1 8 1 9 1 4	1 5 3	1 5 8	1 1 4 1 A 1 0	
	1 2 1 2 1 0	69.2 1 2 1 2 1 7 1	1 1 6 1 8 1 9 1 5	1 6 1	1 2 3	1 1 4 1 A 1 0	
	1 2 1 2 1 7 1	70.7 1 2 1 3 1 2 0	1 1 6 1 8 1 9 1 6	1 4 9	1 4 7	1 1 4 1 E 1 4	± 6 Porous
	1 2 1 3 1 2 0	72.2 1 2 1 3 1 7 0	1 1 6 1 8 1 9 1 7	1 5 0	1 4 9	1 1 4 1 E 1 4	± 6 "
	1 2 1 3 1 7 0	73.5 1 2 1 4 1 3	1 1 6 1 8 1 9 1 8	1 4 3	1 4 1	1 1 4 1 E 1 4	± 6 "
	1 2 1 4 1 3	75.0 1 2 1 4 1 6 0	1 1 6 1 8 1 9 1 9	1 4 7	1 4 8	1 1 4 1 E 1 4	± 6 "
	1 2 1 4 1 6 0	76.2 1 2 1 5 1 0 3	1 1 6 1 9 1 0 1 0	1 4 3	1 4 5	1 1 4 1 G 1 0	Porous
	1 2 1 5 1 0 3	77.6 1 2 1 5 1 4 7	1 1 6 1 9 1 0 1 1	1 4 1	1 4 6	1 1 4 1 G 1 0	Porous
	1 2 1 5 1 4 7	78.9 1 2 1 5 1 8 9	1 1 6 1 9 1 0 1 2	1 4 2	1 5 2	1 1 4 1 G 1 0	Porous
	1 2 1 5 1 8 9	80.2 1 2 1 6 1 3 1	1 1 6 1 9 1 0 1 3	1 4 2	1 4 4	1 1 4 1 G 1 0	Porous.
	1 2 1 6 1 3 1	81.4 1 2 1 6 1 7 0	1 1 6 1 9 1 0 1 4	1 3 9	1 4 3	1 1 4 1 E 1 4	Porous
	1 2 1 6 1 7 0	82.4 1 2 1 7 1 0 5	1 1 6 1 9 1 0 1 5	1 3 5	1 3 9	1 1 4 1 E 1 4	Porous
	1 2 1 7 1 0 5	83.8 1 2 1 7 1 5 0	1 1 6 1 9 1 0 1 6	1 4 5	1 4 7	1 4 1 E 1 4 1 1	
	1 2 1 7 1 5 0	84.5 1 2 1 7 1 7 2	1 1 6 1 9 1 0 1 7	1 2 2	1 2 6	1 4 1 A 1 D 1 4	4
	1 2 1 7 1 7 2	86.0 1 2 1 8 1 2 0	1 1 6 1 9 1 0 1 8	1 4 8	1 5 0	1 1 4 1 A 1 0	
	1 2 1 8 1 2 0	87.5 1 2 1 8 1 7 0	1 1 6 1 9 1 0 1 9	1 5 0	1 5 0	1 1 4 1 A 1 0	
	1 2 1 8 1 7 0	89.0 1 2 1 9 1 2 0	1 1 6 1 9 1 1 1 0	1 5 0	1 7 2	1 1 4 1 A 1 0	
	1 2 1 9 1 2 0	90.5 1 2 1 9 1 7 0	1 1 6 1 9 1 1 1 1	1 5 0	1 6 0	1 1 4 1 A 1 0	
	1 2 1 9 1 7 0	92.0 1 3 1 0 1 2 0	1 1 6 1 9 1 1 2	1 5 0	1 5 9	1 1 4 1 A 1 0	
	1 3 1 0 1 2 0	93.6 1 3 1 0 1 7 0	1 1 6 1 9 1 1 3	1 5 0	1 6 3	1 1 4 1 A 1 0	
	1 3 1 0 1 7 0	95.1 1 3 1 1 1 9	1 1 6 1 9 1 1 4	1 4 9	1 5 6	1 1 4 1 A 1 0	
	1 3 1 1 1 9	96.1 1 3 1 1 1 5 2	1 1 6 1 9 1 1 5	1 3 3	1 3 5	1 1 5 1 C 1 4	*
	1 3 1 1 5 2	97.2 1 3 1 1 1 9 0	1 1 6 1 9 1 1 6	1 3 8	1 4 7	1 1 4 1 A 1 0	
	1 3 1 1 9 0	98.8 1 3 1 2 1 4 0	1 1 6 1 9 1 1 7	1 5 0	1 6 5	1 1 4 1 A 1 0	
	1 3 1 2 1 4 0	100.3 1 3 1 2 1 9 0	1 1 6 1 9 1 1 8	1 5 0	1 7 4	1 1 4 1 A 1 0	
	1 3 1 2 1 9 0	101.8 1 3 1 3 1 4 0	1 1 6 9 1 1 9	1 5 0	1 5 5	1 1 4 1 A 1 0	

TRY TO SAW!

EOH

DDH 88G-04 (2 8)

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: SEPT 23/88 Logged By: CWR

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
		44.5 1 1 4 16 6	P S 1 2				2 18	Banding in 4C3
		49.4 1 1 6 12 0	P S 1 R				3 11	Miaceous Foliation
		53.3 1 1 7 15 0	P S 1 2				4 14	" "
		56.5 1 1 8 15 5	P S 1 2				6 15	Banding in 4D.
		60.5 1 1 9 18 5	P S 1 R				7 10	Carbonaceous foliation
		65.5 1 2 1 15 0	P S 1 2				6 15	" "
		70.4 1 2 3 1 0	P S 1 2				2 15	Banding in 4E
		73.8 1 2 4 12 0	P S 1 2				0 19	Banding in 4E
		76.5 1 2 5 1 5	P S 1 2				4 10	" " 4G
		80.8 1 2 6 15 0	P S R				4 10	" " "
		86.3 1 2 8 13 0	C S 1 2			10	8 5	S_2 fold hinge defined
								by S_1 β_2 band.
		89.9 1 2 9 15 0	P S 1 1				4 11	Carbonaceous Fol. a
		90.5 1 2 9 17 0	C S 1 2			4 15 0 10 10	7 18	Carbonaceous Fol. a
		93.6 1 3 1 0 17 0	C S 1 2			2 18 / 1 8 10	6 16	" "
		96.6 1 3 1 7 0	C S 1 2			4 12 / 1 8 10	5 15	" "
		98.0 1 3 2 1 5	C S 1 2			2 13 / 1 8 10	4 10	" "
		99.1 1 3 2 15 0	C S 1 2			6 10 / 1 8 10	7 10	" "
		100.4 1 3 R 19 5	C S 1 2			2 B / 1 8 10	6 15	" "
		101.6 1 3 3 13 4	C S 1 R			3 R / 1 8 10	6 0	" "

EOH

PROJECT 88G-04 DRILLHOLE NO. _____ COORDINATES: N _____ DATE _____

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGED _____ INCLINATION _____ ELEVATION _____

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (ft)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		EXTENT	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
123		1.6								[illegible]		Roc	[illegible]				
138		1.9								232		4.9	2.6				
140		2.2								237		4.8	1.1				
145		1.8								242		4.8	1.2				
150		3.0								247		5.0	4.0				
151		1.4								252		5.5	4.1				
155		3.0								262		11.2	6.9				
158½		2.8								267		5.3	.4				
161		3.1								272		5.3	3.4				
163		2.2								277		5.5	3.5				
167		4.0		1.3						282		5.4	3.1				
169		2.1								287		4.8	2.7				
171½		2.0								291½		6.3	1.0				
173½		2.0								296		5.6	2.5				
177		4.3		1.3						301		5.7	4.1				
179		2.2		.4						306		6.2	3.1				
182		2.7		1.0						311½		6.2	1.9				
187		6.2		1.8						316		4.8	.4				
192		4.8								318		2.5					
195		2.1								322		4.9	1.4				
200		6.3								326		5.4	.8				
205		5.3		1.0						329		4.2	.5				
210		5.2		2.6						334		5.2	1.4				
215		5.2		1.9													
218½		2.8		1.1													
221		3.2															
226½		1.8															

Fig. 1. Typical rock mechanics core log.

DDH 88G-04 (2 8 metres)

CURRAGH RESOURCES INC.
Fault Log

Page _____ of _____

Date: 16 Jan/91 Logged By: LCP

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 38	40 44	
	100	1317	NIP					Tricored - no recovery
	1412	1427	R	9				
	1427	1441	G	2				
	1441	1448	3B					
	1448	1457	R	2				
	1457	1460	3B					
	1460	1471	R	6				
	1471	1497	3B	9				
	1497	1509	2B					
	1509	1526	R					
	1526	1530	3B					
	1530	1567	2B					
	1567	1570	J3B					
	1570	1573	2B					
	1573	1585	3B					
	1585	1601	J R					
	1601	1616	2B					
	1616	1678	J3B					
	1678	1692	GXR	1				
	1692	1704	1B					
	1704	1708	R					
	1708	1718	2B					
	1718	1722	R					
	1722	1750	1B					
	1750	1752	R					
	1752	1814	2B					
	1845	1869	1B					
	1869	1881	2B					
	1881	1888	J R					
	1888	1895	2B					
	1895	1902	J3B					
	1902	1952	2B					
	1952	1961	R					

DDH BBG-04 (2 8 metres)

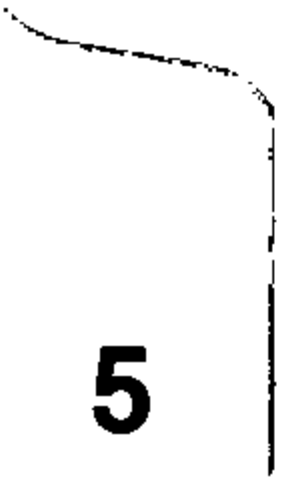
CURRAGH RESOURCES INC.

Fault Log

Page _____ of _____

Date: 16 Jan/91 Logged By: LOP

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 38	40 44	
	1916 1	1917 0	J1R1					
	1917 0	1918 1	2B1					
	1918 1	1918 8	J3B					
	1918 8	1011 8	2B1					
								EOH = 101.8


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CURRAGH RESOURCES INC.

Page 1 of ____

DIAMOND DRILL CORE LOG

Date: SEPT 27/88

Hole Number: BBG-05

Reference Fabric Orientation Diagram:

Project: Grum Summer 1988

Location: Grum Deposit.

Claim: _____

Terr.Plane Co-ords.: 6904 680.04 N

592 591.00 E

Grid Co-ords: 60.0 W 3.0 N

Elevation: 1275.45

All symmetry determinations looking

Total Depth: 442.0 ft 134.7m

NW with S2 dipping

Inclination: -90° (Vertical)

SW with dip azimuth ____.

Purpose: Reserve Definition

Reason hole Terminated: Drilled to targeted depth into footwall

Logged by: C.V. Reed

Date(s) Logged: Sept 27, Sept 28

Drilling Contractor: Arctic Diamond Drilling

Size	CORE From	To
NW	0	201
NQ	201	442.0

Collar Cased and Capped: N

Hole Cemented: N

Steel down Hole: N

Assay Lab: Mine B-C Au + S.G.

Certificate No's: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH BBG-05 (2 … 8)

Date: SEPT 27/88 Logged By: CWR.

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 … 8	10 … 16	17 … 24	25 … 32	34 … 39	41 42	
T	BBG-05	1275.45	10468010.0	5925910.0		SR	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 … 8	10 … 14	22 … 26	28 … 32	34 … 56
R	BBG-05	100	180.0	0.0	AT COLLAR
R	BBG-05	4290	176.8	346.0	SPERRY SUN SINGLE SHOT
R			.	.	
R			.	.	
R			.	.

DDH 88G-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 03 of

Date: Sept 27/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	10	171.05		1	#1	TRICONED - NO RECOVERY
		520				
	171.05	210.11		2	#1	O/B TILL + O/B granitic boulder fragments.
		613				Dominantly small re-drilled 10AB Anvil Bath. O/B boulder
						fragments in short local intervals of soft brown-grey mud-
						clay rec'd. 171.0 + 171.5? (5" of sand recovered. Largest
						boulder fragment is 3" long. Local small white qtz
						pebbles also recovered.
						* TOI - 171.0 0.6' small rounded pebbles rec'd.
						171.0 - 177.0 1.2' O/B sand + small O/B boulder fragments
						rec'd.
						177.0 - 182.0 - small redrilled O/B granitic fragments +
						minor O/B sandy till sludge rec'd.
						182.0 - 183.0 0.8' of O/B mud/clay rec'd.
						183.0 - 184.0 " " " " "
						184.0 - 188.0 1.5' O/B mud/till + 2" granitic O/B boulder
						fragment rec'd.
						188.0 - 192.0 0.4' redrilled O/B boulder fragments + minor
						O/B sandy/till rec'd.
						192.0 - 196.0 0.5' mud/till rec'd.
						196.0 - EOT 1 2" redrilled 10AB O/B granit boulder
						fragment rec'd.
						* All recovery measurements are between tag numbers in
						core box.

DDH 88G-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 04

Date: SEPT 27/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	12101 1	12110 2 64 1		13	414	Extremely weathered. Extremely soft, flaky tan-orange to locally iron-oxide, noncalcareous, phyllite mud. Locally, phyllite flakes have pale green aspect on S_2. Mud contains local small angular white "qtz clasts", - presumably originally qtz veins. Bottom contact of phyllite lost in rubble. 201 - 203.0' Extremely weathered phyllite mud recovered. 203 - 206.0 1.4' " " " " " 206.0 - EOI 1.4' " " " " "
	12110 2	12113 9 65 2		14	41D414	5 Slightly weathered. TOI - 210.5 - O/B pebbles - CAVE Largest pebble 1" ø. Highly broken, v hard, slightly carbonaceous, sab rich, noncalcareous qtzite. Abundant vph + dss fine py occurs in PS2 bands up to 5" thick. Sulphide bands are 60-65% of unit volume (often local thin black carbonaceous folia aligned // to S_2. Core is locally slightly vuggy due to weathered out carbonate in local fractures. Fracture surfaces show local, patchy tan-orange rust. Est Pb+Zn 18% Sph => Gal. Est % Py 18-20% TOI-213.0 v broken, recy OK. 213.0 - EOI rubble, recy OK.
	12113 9	12210 0 67 1		15	41C10	v hard, locally incipiently brecciated, noncalcareous, barren, pyritic qtzite. Locally vuggy due to weathering of carbonate in fractures. Banding highly disrupted due to fractures. Banding defined by fine py + interstitial grey qtz.

C.R.I. 1987 E-3A

DDH 88G-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 05 c.

Date: SEPT 27/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Banding contains local traces of sph. No visible oxidation.
						Est % Py 20-25% Est Pb+Zn <2%.
						TOI -214.6 Rubble, recy o.k.
						214.6 - 219.2 ▽ broken, recy o.k.
						219.2 - EOI Rubble 0.6' spread out rec'd.
	12 12 10 0	12 13 12 4		6	1 4 1 D 1 4	
		70 8				▽ hard, thinly bedded, carbonaceous, pyritic qtzite. Banding
						is defined by dominate py, lesser sph + local minor interstitial
						white-grey qtz. Banding defines S_2 + is 30-40% of
						unit volume. Bands range up to 6 cm thick. Banding locally
						defines phase 2 fold nose at 223.5.
						Est Pb+Zn 10-12% Est % Py 25-30%.
						TOI - 220.5 Rubble 0.2' rec'd.
						220.5 - 228.8 ▽ broken due to steep fractures, recy o.k.
						228.8 - 231.1 Rubble due to steep fractures, recy o.k.
						231.1 - EOI ▽ broken, recy good.
	12 13 12 4	12 13 19 0		7	1 4 1 D 1 4 1 4	5
		72 8				Sph rich, ▽ hard, thinly P_{S_2} bedded, locally slightly carbonaceous,
						pyritic qtzite. Banding is up to 4" thick + defined
						by abundant red-brown sph + lesser disc py. Contains
						local thin carbonaceous folia developed ⊥ to S_2.
						Banding is 60% of unit volume.
						Est % Pb+Zn 20-22% Est % Py 20-25%.
						Core ▽ broken, recy good. No visible weathering.

DDH 88-05

CURRAGH RESOURCES INC.

Lithologic Log

Page 06

Date: Sept 27/88 Logged By: CWR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	1213 9 0	1214 2 9 74 0		18	1 4 D 4	± 7
						PS2 brecciated, high grade, locally magnetic, noncalcareous qtz-rich. Banding is ∇ steep, nearly ⊥ to core axis. Banding is generally ∠2" thick defined by dominate py, lesser red-brown sph, + varying amounts of fine grained interstitial grey qtz. 241.4 to EOT, banding is defined by dominate Po
						Est % Py 10-11%. Est % Py 20-25% Est % Po 8-10%.
						EOT - 240.1 core in broken, recov good
						240.1 - EOT core intact.
	1214 2	1214 5 0 74 7		19	1 5 B 4	6 [4L0]
						∇ soft, locally incipiently sawed, PS2 foliated, light grey to locally cream-grey, altered musc ? chl phyllite. Unit is highly fractured, fractures have disrupted S2. S2 surfaces are dull cream-grey. Local chlorite occurs in this laminations developed ⊥ to S2 Top margin of 5B band is brecciated + porous due to weathering of carbonate in fractures. Unit is noncalcareous.
						Core is broken, recov O.K
	1215 0	1215 10 0 76 2		110	1 5 A 6	
						Dark grey to black, PS2 foliated, noncalcareous, carbonaceous phyllite. Contains local minor incipient breccia. S2 surfaces are dull carbon black. Top margin lost in rubble - bottom contact sharp ⊥ to S2

DDH 88G-05 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Page 07 of _____

Date: SEP 27/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						TOI - 247.8 Rubble, Recvy O.K
						247.8 - EOI v broken, 2.6' rec'd
	12510 0	12513 4		1 1	15154	6 [4LO]
		772				Appears similar to # 9 v soft, pale cream-grey, noncalcareous
						altered musc + chl phyllite. Thin intervals of cream colored mud
						gouge at 250.9 - 251.0 & 252.4 - 252.6. Bottom 5" of unit
						against 4D is gouged + brecciated
						TOI - 252.0 v broken, recvy good
						252.0 - EOI rubble + gouge
	12513 4	12516 6		1 2	14D17	
		782				v hard, thinly banded, nonalcareous, pyritic, pyrrhotitic,
						qtzite. Banding is defined by dominate Py, lesser Po, +
						minor sph + Gal Banding is generally < 2" thick +
						defines Sz. Contains local development of paper thin
						micaceous folia along Sz. Top 1' of unit is highly broken
						+ brecciated. No visible weathering
						TOI - 253.6 rubble recvy O.K.
						253.6 - EOI INTRUT.
						Est Phrz 4-6%. Est % Py 30-35%
	12516 6	12519 9		1 3	14D414	(4A44) 80:20.
		792				Dominate unit is a sph rich, v hard, nonalcareous
						qtzite. Unit is PSz banded - banding defined by abundant
						red-brown sph v dess fine py. Banding is v steep: nearly

DDH 88-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 27/88 Logged By: CWR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						// to core axis. Appears to be at least 3 fold hinges defined by sulphide bands. "Winding" through 4D is thin? highly fractured, sph ribbon banded carbonaceous gtz.-ser. Locally, fractures have weathered out to form deep vugs. Actual thickness of 4A band difficult to determine because it was only intersected near fold noses. Band occurs three times in cored intervals of 4" to 6" thick. 4A bands are red-brown + black PS_2 sph banded. Banding generally <2" + contains fine dess. py. S_2 surfaces are dull carbon black.
						Est Ph+Zn 16-18% Sph > Gal. Est % Py 15-18%.
						Core is broken, 3.6' rec'd
	12159 9	12176 3		114	14D 3	
		84 2				4D hand, highly fractured + locally incipiently brecciated, thickly banded gtz-ser. Banding ranges up to 8" thick + defined by dominant py + interstitial fine grey gtz-ser. Local thin bands generally <1 cm thick contain concentrations of sph + lesser gal. Banding defines S_2. Top 1½' is brecciated + locally porous due to weathering of carbonate in fractures. 274.3 to 20' is also incipiently brecciated + porous due to weathering of carbonate in fractures. Fracture surfaces show local tan-yellow weathering coating. Cut surface is fresh.
						Est Ph+Zn 4-5%. Sph > Gal. Est % Py 30-40%
						TOL -266.5 Rubble 4.4' rec'd.

DDH 88G-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 27/88 Logged By: CWR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						266.5 - 271.5 v Broken, due to steep fractures. 4.6' rec'd.
						271.5 - 274.1 m Broken, very O.K.
						274.1 - 275.2 rubble due to steep fractures, very O.K.
						275.2 - EOT m Broken, very good.
	12716 3	12911 5		115	14L10	[5B46] (10Q0) (5A6) 85:10:5
		88 8				Highly mixed unit of laminate 4L m local thin intervals
						of 5A and local foliaform peg. qtz veins.
						TOI - 277.7 : Dark grey to black, v soft, incipiently
						gouged + brecciated, carbonaceous, noncalcareous phyllite. Sz
						surfaces range from medium dull grey to black.
						277.7 - 278.9 Light white-grey, v soft noncalcareous, altered
						musc + sericite phyllite. Sz surfaces are dull white-grey &
						have white "powdery" "talcose" coatings. Upper contact m 5A
						lost in rubble, lower contact sharp against 10Q
						278.9 - 279.2 is highly fractured, barren white, resmakin
						qtz vein.
						279.2 - 290.4 - dull light - cream grey to locally cream-
						white, v soft, noncalcareous musc + sericite + minor chl
						altered phyllite. Contains local thin intervals of incipient
						gouge + breccia. Sz surfaces range from dull light grey
						to "talcose" cream white. Unit is PSz foliated. 284.2
						to 284.7 is hvy ll qtz rubble.
						290.4 - 290.6, is highly fractured, incipiently brecciated, black
						carbonaceous phyllite. Margins of band are sharp + gouged.
						Remaining interval is medium grey 5B4 musc phyllite

DDH 88-G-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 27/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						rubble. Margin w lower pyritic qtzite is brecciated.
						TOT - 285.0 rubble, largest piece rec'd 0.2" long. 8.4' spread out rec'd
						285.0 - 286.1 w broken, recvy O.K.
						286.1 - EOT rubble, 3.9' rec'd.
	12911 5	12916 3		116	4E11	±4±7±9 trace BxA
		90 3				Unit is v hard, noncalcareous, locally magnetic, fine grained, finely "clastic", semi massive pyritic sulphide breccia. Contains
						abundant small angular qtz clasts generally < 2mm ø surrounded by a matrix of porous, fine recrystalized
						py, local minor po + local concentrations of sph + gal. Est % Qtz + 20-25%. Est Pb+Zn 4-6%.
						Top contact w 5B4 is highly brecciated + porous due to to local weathering of carbonate in fractures. Bottom contact
						w 5A also sharp + brecciated. Local traces of Cp in thin fractures.
						BxA likely part of a significant fault system.
						TOT-293.7 v broken due to steep fractures. recvy O.K.
						293.7 - EOT v broken, recvy good
	12916 3	12918 5		117	15A16	BxA.
		91 0				Highly broken + fractured, w soft, black, noncalcareous,
						carbonaceous, phyllite breccia. Sz foliation highly displaced due
						to abundant fracturing. Local thin fractures infilled w white-
						grey qtz. Sz surfaces are carbon black. Bottom contact w 4E
						lost in rubble.

DDH BBG-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 27/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						TOT - 198.1 ± broken, veiny, oil.
						198.1 - EOT rubble, 1.4' spread out rec'd.
	219B 5	310 7 5		118	141E 10	± BxA.
		93 7				Highly broken, barren, homogeneous, noncalcareous, brassy, yellow, massive fine grained Py. Largest intact piece is 5" long. Unit is locally incipiently brecciated. Upper + lower contacts of 4E lost in rubble. Fracture surfaces locally weathered to a deep dark brown. Est Pb+Zn 2-3%.
						Core is rubble, 8.7' spread out rec'd.
	310 7 5	311 9 0	316	119	141A 10	± 4
		94 8				Highly broken, dark grey to black, ribbon banded, carbonaceous qtzite. Ribbon banding defines Sz, ranges up to 3cm thick - consists of fine py + interstitial grey qtz. At TOT, 1" thick band containing abundant red-brown sph. Contains abundant paper thin carbonaceous fabric developed ⊥ to Sz.
						Core is locally vuggy due to weathering of carbonate in local strong fractures.
						Est % Py 25-30% Est Pb+Zn 3-4%
						TOT - 309.7 is rubble due to steeply fractured } 3.6' rec'd.
						309.7 - EOT is ± broken. }
	B111 0	312 4 4		120	141C 10	± 5 ± 9 minor
		98 9				Noncalcareous, barren, PSz banded, locally slightly carbonaceous, qtzite. Banding ranges up to 5" thick + is ± 30%

DDH 88G-05 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 27/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						of unit volume. 316 - 321.5 unit contains local thin black carbonaceous foliations and is locally incipiently brecciated. Fractures have disrupted Sz. 322.4 - EOT also incipiently brecciated fractures are infilled w/ py + locally w/ abundant cpy.
						Est % Py 20 - 25%.
						EOT - 315.8 w/ broken, recvy good
						315.8 - 317.4 rubble, recvy o.k
						317.4 - 319.5 v/ broken, recvy o.k
						319.5 - 321.0 rubble, 8" core loss.
						321 - EOT v/ broken, recvy o.k
						No visible oxidation lower contact w/ 4A lost in rubble.
	13214 4	13614 8		121	14A10	± BxA.
		111 2				Dark grey to black, highly broken + locally fractured, v/ hard, ribbon banded carbonaceous quartzite. No visible base metal content. Unit is Cs foliated, abundant fracturing has locally displaced compositional banding. Sz surfaces are dull carbon black. Core locally rusty due to weathering of carbonate in fractures. Banding is generally < 1" thick + locally defines both Si + Sz. Bands composed of pg > w/ black grey qtz to locally white - grey qtz > pg. Unit is locally brecciated from 250.1 to 259.5. Individual clasts are angular rotated + range in size up to 2" ϕ. Bottom contact w/ 4E is sharp // to Sz
						Est % Py 15 - 18%, Est % Pb + Zn < 2%

DDH 88G-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 27/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						TOI - 325.8 Rubble - recvy O.K.
						325.8 - 330.0 m broken, local incipient BxA 3.0' rec'd.
						330.0 - 331.1 Rubble - recvy O.K.
						331.1 - 333.2 v broken due to abundant steep fractures, recvy O.K.
						333.2 - 335.1 Rubble - recvy O.K
						335.1 - 338.0 v broken recvy O.K
						338.0 - 339.1 Rubble, recvy O.K.
						339.1 - 341.7 m broken, recvy O.K.
						341.7 - 344.0 Rubble, 2.5' rec'd
						344.0 - 345.9 m broken, recvy O.K.
						345.9 - 350.8 v broken due to abundant steep fractures recvy O.K
						350.8 - 352.2 m broken, recvy O.K. BxA
						352.2 - 353.1 rubble, recvy O.K. BxA
						353.1 - 358.7 v broken, BxA. recvy O.K.
						358.7 - 362.7 m broken, recvy O.K.
						362.7 - EOI rubble, recvy O.K.
	13 16 14 8	13 17 12 8		12 12	14 E 10	± 4 minor
		11 3 6				Barren massive, homogeneous, brassy yellow, fine grained massive pyrite. Contains local minor sph. rich bands in bottom 1' of unit. Bands define fz and are less than 1/2 cm thick. Unit is locally highly fractured & broken 369.0 - 371.0 is incipiently brecciated. Fracture surfaces have local white powdery oxidation coatings.
						TOI - 366.5 m broken, recvy good.
						366.5 - 371.1 rubble, 2.9' rec'd. Local incipient BxA

DDH 88G-05

CURRAGH RESOURCES INC.

Lithologic Log

Date: SEPT 28/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						371.1 - EOI ṽn broken, recy good.
						Est Py+Zn 2-3%. Bottom contact ṽ phyllite band is sharp
						// to S2. Top contact ṽ 4A is also sharp, // to S2.
	13712 8	13719 0		12 13	14K 10	±2 minor (4D07) 75:25
		1155				Dominate unit is moderately soft to locally very soft cream-
						white-grey, noncalcareous, altered musc sericite phyllite. S2 surfaces
						range from dull light grey to creamy white & locally have
						"talcose" coatings. Unit is PS2 foliated. Contains bial minor
						thin stringers containing disse fine pyrite. 373.5 - 373.7 and
						375.0 to 375.9 - bands of ṽ hard, poorly banded, noncalcareous,
						dark brown-grey, pyrite / pyrrhotite qtzite. Margins are
						// to S2. Banding defined by dominate Py ∓ Po +
						interstitial grey qtz. Bands contain minor disse Sph.
						Est Pb+Zn in band 6-7%.
						Core is ṽ broken, 5.4' rec'd Bottom contact ṽ
						4A is slightly brecciated.
	13719 0	13814 9		12 14	14A 10	±4 ±3 ± BxA.
		1173				ṽ hard, locally highly broken + fractured, noncalcareous,
						dark grey to black, ribbon banded carbonaceous qtzite.
						707 - 382.2 core is highly fractured ṽ local incipient
						breccia. Ribbon banding is poorly developed - defined by
						py + lesser interstitial white-grey qtz. No visible base metal
						in this interval
						382.2 - EOI - Ribbon banding is better developed, defined by

DDH 88G-05

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 28/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						py + lesser sph. Banding is generally < 1/2 cm thick + defines S2. Local F3 fold nose at 382.5.
						Est % Dy for entire unit 30-35%. Est phizn 6-8%
						Unit is locally porous due to weathering of carbonate in fractures. Bottom 8" of unit is incipiently brecciated.
						707 - 382.3 rubble due to abundant steep fractures 8" core loss
						382.3 - EOT ~ broken, recy good.
	3814 9	3816 2		1215	41L	GOUGE + BXA
		117 7				~ soft, fissile, flakey, white-cream phyllite gouge + breccia. Top contact in 4A is brecciated, bottom contact lost in rubble.
						Core is gouge + flakey rubble 1.2' rec'd.
	3816 2	3918 9		1216	15B16	± 2
		121 6				Locally CS2 foliated, nonsalcareous medium to dark grey, mod soft, slightly carbonaceous phyllite S2 surfaces range from shiny medium grey to dark dull grey. Local lithons defined by thin qtz-siltstone laminae.
						Unit becomes slightly darker moving down the hole.
						At 394.7 is gouged thin VX- cutting fractures 120/30°.
						Core ~ broken, recy good.
	3918 9	4123 0		1217	41L 10	(SC4*) 85:15
		128 6				Mod - soft, nonsalcareous cream-grey, altered musc + chl phyllite. Contains abundant thin pale green chl laminae developed along

DDH 88G-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 28/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						S_2 foliation contain local traces of py in thin fractures. S_2 surfaces are shiny light grey w/ local pale green chl clots. Locally, S_2 have pale white talcose coatings. Unit is dominately PS2 foliated.
						Mixed w/ 4L in top 8' of unit are several bands of foliaform pale olive green + tan striped, altered chloritic phyllite. S_2 surfaces are dull olive green with local traces of "fuchsite" spots. Tan bands contain abundant dolomite. Bands range up to 8" thick + make up 50% of unit volume in top 8'
						TOI - 399.9 w/ broken, incipient gouge + bxd. major fracture 000/25° recy O.K
						399.9 - 402.0 w/ broken, recy O.K
						402.0 - 402.8 incipiently gouged + bxciated, w/ broken, recy O.K
						402.8 - 414.0 w/ broken, recy O.K
						414.0 - 421.6 w/ broken along S_2, recy O.K.
						421.6 - EOI rubble, minor incipient gouge, 8" core loss.
	14212 0	14212 0		28	15B10	6
		1347				Medium grey, noncalcareous, locally (S_2 foliated, massive phyllite S_2 surfaces are shiny steel grey. Unit is locally incipiently bxciated along immersions of thin local foliaform qtz veins. Thin qtz siltstone laminae locally define lithons.
						TOI - 436 w/ broken, recy good.

DDH 88G-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 28/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						436 - 436.5 - pegmatitic qtz rubble, very good.
						436.5 - 438.5 - ū broken, very good
						438.5 - 439.2 - pegmatitic qtz rubble very good
						439.2 - EOT ū broken abns Ss very good.
						EOH

DDH 88G-05 (2 8) CURRAGH RESOURCES INC. Page ____ of ____

ASSAY LOG (SAMPLER'S COPY) Date SEPT 28/88 Logged by CVR Sampled by CH

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
	12110 2	12112 3	116191210	121	119	141D1414	Slightly weathered
	12112 3	12113 9	116191211	116	125	141D141	" "
	12113 9	12117 1	116191212	132	140	141C101	
	12117 1	12210 0	116191213	129	138	141C101	
	12210 0	12214 0	116191214	140	154	141D141	
	12214 0	12218 4	116191215	148	151	141D141	
	12218 4	12312 4	116191216	140	152	141D141	
	12312 4	12315 4	116191217	130	137	141D1414	5
	12315 4	12319 0	116191218	136	143	141D1414	5
	12319 0	12412 9	116191219	139	152	141D141	±7
	1 1 1	1 1 1	1 1 1 1	1	1	1 1 1 1	
	12513 4	12516 6	116191310	132	143	141D171	
	12516 6	12519 9	116191311	133	138	141D1414	(4A44) 80:20
	12519 9	12615 5	116191312	156	133	141D131	
	12615 5	12619 3	116191313	138	147	141D131	
	12619 3	12713 7	116191314	144	144	141D131	
	12713 7	12716 3	116191315	126	146	141D131	
	1 1 1	1 1 1	1 1 1 1	1	1	1 1 1 1	
	12911 5	12916 3	116191316	148	142	141E11	± 4 ± 7 ± 9 from BxA.
	12916 3	12918 5	116191317	122	143	15A161	BxA.
	12918 5	13013 3	116191318	148	157	141E101	± BxA
	13013 3	13017 5	116191319	142	139	141E101	± BxA
	13017 5	13111 0	116191410	135	137	141A101	±4
	13111 0	13115 9	116191411	149	158	141C101	±5 ± 9 minor
	13115 9	13211 0	116191412	151	152	141C101	±5 ± 9 minor
	13211 0	13214 4	116191413	134	153	141C101	±5 ± 9 minor
	13214 4	13310 3	116191414	159	153	141A101	
	13310 3	13315 5	116191415	132	173	141A101	
	13315 5	13319 6	116191416	141	155	141A101	
	13319 6	13415 0	116191417	154	164	141A101	
	13415 0	13510 1	116191418	151	167	141A101	
	13510 1	13513 9	116191419	138	147	1 141A10	BxA.
	13513 9	13518 7	116191510	148	160	1 141A10	
	13518 7	13614 8	116191511	161	170	1 141A10	
	13614 8	13617 9	116191512	131	154	1 141E10	± 4 minor
	13617 9	13712 8	116191513	149	150	1 141E10	± 4 minor

DDH BBG-05 (2 8)

CURRAGH RESOURCES INC.

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Logged by CUR

ASSAY LOG (SAMPLER'S COPY)

Date SEPT 28/88 Sampled by CH

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
	13178	13190	116915T4	162	162	141L01	±2 minor (4007) 75:25
	13190	12814	1169515	159	153	141A01	±4 ±3 ± Bx A.
			FOH				

DDH BBG-05 (2 / 8)

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: SEPT 28/88 Logged By: CUR

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
		121R0	PIS12				118	Banding in 4D4
		12215 0	PIS12				418	" " "
		12B17 5	PIS12				216	" " "
		12R15 0 8	PIS12				515	Micaceous Foliation
		12158 5	PIS12				01	F_2 fold nose - banding in 4D
		12161 0	PIS12				310	Banding in 4D
		12178 0	PIS12				315	" " "
		12181 7 0	PIS12				5R	Micaceous Foliation
		12191 0 0	PIS12				613	" "
		13101 9 7	PIS12				315	Carbonaceous folia in 4A
		13117 5	PIS12				410	" " " "
		13121 7 2	PIS12				310	" " " "
		13141 0 0	CIS2			30 0181 0	615	Lithons in 4A0
		13151 5 0	PIS12				610	P_3 banding in 4A
		13151 7 0	CIS12			319 0181 2	714	Lithons in 4A0
		13K14 5	PIS12				710	P_3 banding in 4A0
		13171 3 0	PIS12				710	Banding in 4E
		13181 7 5	PIS12				711	Micaceous Foliation.
		13191 4 0	CIS12			514 3510	812	Lithons in 5B
		14101 4 0	PIS12				619	Micaceous Foliation
		14121 4 5	CIS12			718 3315	516	Lithons in 5B
		14128 5	PIS12				615	Micaceous Foliation
		14131 9 0	PIS12				618	" "

PROJECT 88G-05 DRILLHOLE NO. _____ COORDINATES: N _____ DATE _____

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGED _____ INCLINATION _____ ELEVATION _____

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (ft)	LENGTH OF RUN	CORE RECOVERY LENGTH	CORE RECOVERY %	RQD LENGTH	RQD %	HARDNESS	DEGREE OF BREAKAGE INTENSITY	DEGREE OF BREAKAGE NO.	DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP DEPTH	BEDDING DIP ANGLE	BEDDING JOINTS NO.	BEDDING JOINTS FREQ.	CROSS JOINTS NO.	CROSS JOINTS FREQ.
171		.6								Kaolin		Rec	RQD			
177		1.4								269½		2.9				
182		.5								265½		1.0				
183		.8								266½		1.5				
184		.8								271½		5.8	.8			
188		1.5								275		5.0	1.0			
192		.5								278		3.2	1.0			
196		.6								280		2.8				
203		1.6								283		1.7				
206		1.3								284½		1.6				
210		1.1								289		2.6				
211		1.6								291½		3.2				
214		4.0								297		5.0	2.9			
217½		4.0		.5						299½		4.5	.5			
219½		2.4								302		2.5				
220½		1.0								307		4.4				
225		5.8		1.0						309½		2.9				
230		6.2		1.7						312		2.2				
231		1.0								316		4.7	1.6			
236		5.9		1.4						317		1.3				
240		5.4		2.1						318		1.2				
245		4.8		2.7						321		2.4				
247		2.4								325½		6.0	.9			
251		3.8								330		3.5	.9			
254		4.0		.8						333		4.3				
259		5.7		2.5						335		2.7				

CORE RUN	Rec	RQD
338	4.0	.8
342	4.3	.4
347	6.1	.6
349	2.8	
354	6.1	.4
358½	5.4	.6
364	6.2	.8
367	5.5	.8
371	3.5	.5
375	4.8	1.0
381	5.6	1.2
386½	4.8	1.8
392	5.5	2.6
397	5.8	1.8
402	5.2	
407	5.1	
412	5.4	1.4
416½	5.0	.4
419	3.2	
422½	2.7	
427	3.9	
432	5.1	
436	4.3	
438½	2.1	
442	3.0	

EOH

Fig. 1. Typical rock mechanics core log.

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DDH 88G-05 (2 metres 8)

CURRAGH RESOURCES INC.

Fault Log

Date: 16/Jan/91 Logged By: LCP

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 38	40 44	
	10 0	152 0	NIP1					Triconed - no recovery
	161 3	164 1	P1	1				
	164 1	164 9	31B1					
	164 9	165 4	R1					
	165 4	166 8	31B1					
	166 8	167 2	R1					
	167 2	169 7	J131B					
	169 7	170 4	J1R1					
	170 4	170 8	31B1					
	170 8	173 2	21B1					
	173 2	174 7	31B1					
	174 7	175 5	R1					
	175 5	176 2	31B1					
	176 2	176 8	21B1					
	176 8	177 2	R1G1					
	177 2	177 3	R1					
	177 3	179 2	31B1					
	179 2	181 2	R1	6				
	181 2	182 8	J131B	9				
	182 8	183 5	21B1					
	183 5	183 9	J1R1					
	183 9	184 2	21B1					
	184 2	186 9	R1	8				
	186 9	187 2	21B1					
	187 2	188 8	R1	7				
	188 8	189 5	X131B					
	189 5	191 0	X11B					
	191 0	191 9	X131B					
	191 9	192 1 0	X1R1					
	191 6	193 7	X1R1	9				
	193 7	194 4	J1R1					
	194 4	194 8	31B1					
	194 8	196 3	21B1					
	196 3	196 7	R1					
	196 7	19 ?4	31B1					

DDH 88G-05 (2 8) metres

CURRAGH RESOURCES INC.

Fault Log

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Date: 16 Jan/91 Logged By: LCP

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	38	40	44	
	1917 4	1917 8	R1								
	1917 8	1918 9	3B1								
	1918 9	1/1016 9	3B1R								
	1/1016 9	1/1019 3	X1B1R								
	1/1019 3	1/1/11 2	R12B								
	1/1/11 2	1/1/17 7	2B1								
	1/1/17 7	1/1/13 1	X1R1	5							
	1/1/13 1	1/1/13 6	2B1								
	1/1/13 6	1/1/15 5	2B1	8							
	1/1/15 5	1/1/16 5	X1R1								
	1/1/16 5	1/1/17 3	1B1								
	1/1/17 3	1/1/17 7	X1G1R								
	1/1/17 7	1/1210 3	2B1								
	1/1210 3	1/1210 4	J1/G				310	1210			
	1/1210 4	1/1211 6	2B1								
	1/1211 6	1/1211 9	G31B				215	0100			
	1/1211 9	1/1212 5	3B1								
	1/1212 5	1/1212 8	G31B								
	1/1212 8	1/1216 2	2B1								
	1/1216 2	1/1218 5	3B1								
	1/1218 5	1/1218 6	R1								
	1/1218 6	1/1312 9	3B1								
	1/1312 9	1/1313 0	Q1R								
	1/1313 0	1/1313 7	3B1								
	1/1313 7	1/1313 9	Q1R								
	1/1313 9	1/1314 7	3B1								
											EOH = 134.7

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