018126

CURRAGH RESOURCES INC.

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DIAMOND DRILL CORE LOG

Date:

Hole Number: 90DY-05

Reference Fabric Orientation Diagram:

Project: DY DECLINE

Location:

Claim:

Terr.Plane Co-ords.: 6901121.3 N

597801.5 E

Grid Co-ords:

Elevation: 1017.0 m dev.

All symmetry determinations looking

Total Depth: 657.8m

____ with ____ dipping

Inclination: -90 @ Collar

____ with dip azimuth ____.

Purpose: TEST base of ramp rock quality

Reason hole Terminated: COMPLETED TO REQUIRED DEPTH

Logged by: F. Zscheile

Date(s) Logged:

Drilling Contractor: E CAIRON DD

	Size	CORE From	To
	CASING	0.0	9.1
	NQ	9.1	657.8m

Hole Cemented: ____ Steel down Hole: No

Collar Cased and Capped: ✓

Assay Lab: NAL

Certificate No's:

Started: ____ Completed: ____

DDH CGDY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov '90 Logged By: J. Zuccotti

Code	From (m)	To (m)	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	0.0	9.			11A	CASING (CASING LEFT IN HOLE)
						PACKER TESTS CONDUCTED IN HOLE. REPORT EXISTS
	9.	12.			5F60	(5CO) 75:25
						Medium grayish green, very weakly calcareous phyllite is PS_2 foliated with dark to medium greenish gray S_2 surfaces. 5CO is dark to medium green, ± calcareous and contains a moderately well preserved igneous texture. 5CO occurs at 9.1 - 9.6. Interval is strongly broken often crushed with moderate gouge. S_2 surfaces and fractures are moderately oxidized. Rock is soft, core is strongly broken, recovery is poor. Upper contact has not been recovered, lower contact is sharp and parallel S_2
	12.0	16.2			5B60	(5BO) 60:40
						Medium gray very weakly calcareous locally moderately calcareous phyllite is $CS_2 \Rightarrow PS_1$ foliated with medium to dark gray S_2 surfaces. Sporadic sections of moderate calcareous rock type are more common in lower ½ of interval. Unit hosts 0 - 2% cm - dm scale quartz veins subparallel S_2. Rock is rarely oxidized along S_2 surfaces and best oxidation is weak. Interval is strong to

DDH C90DX-05

CURRAGH RESOURCES INC.

Lithologic Log

Date: Nov 90 Logged By: J. Sedgwick

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Modriddy broken, recovery is good. Unit is salt. Upper and lower contacts are sharp and parallel S_2. Py is sporadic
	162	185			5F9	
						Medium greenish gray moderately calcareous phyllite is CS_2 foliated with S_2 surfaces medium green to greenish gray. Interval contains weak oxidation of S_2 surfaces throughout, rare bands (cm scale) of moderate to strong oxidation. Py is sporadic. Rock is slightly hard, core is moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2
	185	281			5B9	
						Medium gray weakly locally moderately calcareous phyllite is CS_2 foliated, locally PS_2 foliated. S_2 surfaces are medium to medium dark gray. Unit hosts 0-1% cm scale quartz-calcite veins (1-1.5 cm) oriented parallel S_2 and 0-1% pyrite. Rock is slightly soft, core is moderately broken with good recovery. Unit hosts sporadic crushed and gouge zones which never exceed 2 cm in width. Upper and lower contacts are sharp and parallel S_2

DDH C90DY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

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Date: Nov '90 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
	28.1	29.1			5FQ	
						Medium to light green, moderately calcareous phyllite is CS_2 foliated with light to medium gray S_2 surfaces. Oxidation of S_2 surfaces are rare and are moderate to weak in intensity. Rock is moderately hard, core is moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2
	29.1	30.6			5BG	
						Medium gray non-calcareous to very weakly calcareous phyllite is PS_2 foliated with dark to medium dark gray S_2 surfaces. Unit is well laminated with 3-5 mm darker gray bands with 2 mm bands of lighter gray phyllite. Rock is soft, core is moderately to strongly broken with good recovery. Upper contact is sharp and parallel S_2. Lower contact is with gouge and is oriented parallel S_2.
	30.6	32.9			5BGD	(5FGD : 10Q) 60 : 20 : 20
						All units are very weakly to non-calcareous moderately to very strongly broken, strongly to locally moderately oxidized. Sporadic sections are crushed. Gouge is sporadic.
						5BGD occurs at 30.6 - 31.8 with a gradational

DDH C-GUDY-05

CURRAGH RESOURCES INC.
Lithologic Log

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Date: Nov '90 Logged By: J. Zbertnuk

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						lower contact with 5F10. Unit is crushed and gouged from 30.6-31.2 (FAULT). Rock is CS, foliated with medium to dark gray S surfaces, oxidation is common.
						5F60 occurs at 31.8-32.4, lower contact with 10Q is sharp and parallel S. Unit is strongly oxidized, broken, & PS foliated and.
						10Q occurs at 32.4-32.9: unit is moderately broken and moderately oxidized along fractures.
						Phyllite units are soft, strongly broken, locally crushed.
						** Interval suspect to be water bearing - contributing to artesian flow in hole!
	32.9	33.4			5B02	FAULT
						Crushed, gouged, oxidized phyllite is strongly calcareous. Protolith has similar texture and color to lower 5B62 unit.
	33.4	37.0			5B62	=> 5B602
						Medium dark gray phyllite is non-calcareous, sporadically very weakly calcareous, PS foliated with dark to

DDH C 90DY-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov 90 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						Medium dark gray S_2 surfaces S_2 surfaces do not tarnish fingers. Moderate oxidation along S_2 surfaces is very common. Rock is soft, core is moderately broken, rarely strongly broken over 10-20cm widths, recovery is good. Upper and lower contacts are parallel S_2.
						Degree of oxidation markedly decreases down hole.
	37.0	46.7			5802	
						Medium dark gray, moderately calcareous phyllite is BS_2 foliated locally CS_2. S_2 surfaces are dark gray and only slightly tarnish fingers medium to medium light gray. Moderate oxidation of S_2 surfaces is common, oxidation is moderate to strong within and 40cm below a gouge zone at 40.3 - 40.6. Py is common. Unit has sporadic gouge and broken zones which do not exceed 5cm in width - commonly no increase in oxidation nor loss in calcareous nature is noted. Rock is moderately to slightly soft. Core is generally moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2

DDH C90 DY-05

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov 90 Logged By: J. Beckett

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	46.7	50.2			5B62	
						Medium dark gray phyllite is non-calcareous, $CS_2 \Rightarrow PS_2$ foliated with dark gray S_2 surfaces. S_2 surfaces slightly tarnish fingers. Unit hosts 1-2%, 1-5 cm quartz-calcite veins oriented parallel S_2. Oxidation along S_2 planes is rare and weak. Py is sporadic. Rock is slightly hard, core is slightly to moderately broken, recovery is good. Upper and lower contacts are sharp and parallel S_2
	50.2	50.9			5B01	
						Medium gray, moderately locally strongly calcareous phyllite is $CS_2 \Rightarrow PS_2$ foliated with medium to medium dark gray S_2 surfaces. Rock is moderately hard core is slightly broken with good recovery. Upper contact is sharp and parallel S_2 lower contact is gradational over 25 cm.
	50.9	57.1			5B02	
						Medium - dark gray, moderately calcareous phyllite is PS_2 rarely CS_2 foliated, with medium dark gray S_2 surfaces. S_2 surfaces slightly tarnish

DDH CQ0DY-05 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Nov 90 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						fingers medium gray. Oxidation of S_2 surfaces are weak and rare. Pyrite is common. Unit hosts 0-5% quartz calcite veins - most abundant over lower 30cm of interval. Rock is slightly soft, core is moderately, locally slightly broken. Recovery is good. Upper contact is gradational over 25cm, lower contact is sharp and parallel S_2.
	57.1	62.4			5862	(10Q : 50O) 84 : 15 : 01. Medium dark, non-calcareous to very weakly calcareous phyllite is PS_2 foliated with medium dark gray S_2 surfaces. Interval hosts 10-15% dm scale quartz-calcite veins oriented generally subparallel S_2. 50O bands are rare, sporadic and are commonly 0.5-1.5 cm wide, and do not exceed 5cm. Oxidation along fractures and S_2 surfaces are weak and rare. Rock is moderately soft core is strongly locally moderately broken. Recovery is good. Upper and lower contacts are sharp and parallel S_2.

DDH C90DY-05 (2 — 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov '90 Logged By: B. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
	62.4	65.4			5BQ	
						Medium gray, moderately to strongly calcareous phyllite is $CS_2 \Rightarrow BS_2$ foliated with medium gray S_2 surfaces. Oxidation along S_2 surface is very rare but when occurs is moderately strong within bands which do not exceed 15cm. Rock is slightly hard, core is slightly broken locally moderately broken with very rare 1cm gouge bands (gouge is weakly calcareous). Upper and lower contacts are sharp and parallel S_2
	65.4	69.2			5BOH	Oxidized
						Medium gray, moderately calcareous phyllite is BS_2 foliated, rarely CS_2 foliated. S_2 surfaces are medium gray. Oxidation is very common and is generally moderate in intensity. Rock is slightly soft, core is moderately broken, sporadically strongly broken. Recovery is good. Upper and lower contacts are sharp and parallel S_2.
	69.2	73.9			5B4	2 (500 : 10Q) 60 : 30 : 10
						Medium to medium-dark gray phyllite is non-calcareous to very weakly calcareous, CS_2 foliated. Unit hosts 30% 500 and 10% cm and dm scale Quartz-

DDH C-90DY-05 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov '90 Logged By: J. Zbedyk

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Calcite veins. 500 units are strongly calcareous massive and range from 20cm - 0.5cm in width. Interval contains 10% veins generally oriented subparalled S_2. Rock is slightly hard to slightly soft, moderately - locally - strongly broken. Strongly broken intervals are moderately oxidized. Recovery is good. Upper and lower contacts of interval are sharp and parallel S_2.
	73.9	76.6			509	
						Olive green, strongly calcareous massive rock is PS_2 foliated with medium olive green S_2 surfaces. Unit hosts 2-3% calcite veinlets and 5% wispy dark green crystals (?) highly stretched parallel S_2. Oxidation is rare and weak. Rock is slightly hard. Core is slightly broken, rarely moderately broken with good recovery throughout. Upper contact is sharp and parallel S_2. Lower contact is also sharp, parallel S_2, and is marked by a 2cm weakly calcareous gouge band.
	76.6	82.0			510	
						Light to medium gray, moderately to strongly calcareous phyllite is $CS_2 \Rightarrow PS_2$ foliated with medium gray S_2 surfaces. Oxidation is sporadic, weak to moderate

DDH 90DY-05

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov '90 Logged By: J. Beckett

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						and occurs at 76.6 - 77.3, 80.3 - 80.6, and 81.6 - 82.0. Rock is slight soft to slightly hard, core is strongly broken, weakly crushed over the two lower oxidized zones at 80.3 - 80.6 and 81.6 - 82.0. Recovery is good. Upper and lower contacts are sharp, parallel S_2 and marked by gouge zones (2.0 - 4.0 cm). Unit is generally laminated with 1-2mm darker bands within 2 - 10mm lighter bands.
	82.0	85.7			5602	
						Medium to medium dark gray phyllite is generally PS_2 foliated, rarely CS_2 foliated. S_2 surfaces are medium dark to dark gray and slight to moderately tarnish fingers medium to medium dark gray. Unit is moderately calcareous, coarsely laminated with 0.2 - 1.5 cm darker bands within 0.1 - 0.5 cm bands of lighter phyllite. Interval contains 1-2% cm & dm quartz-calcite veins oriented parallel S_2. Oxidation is extremely rare and very weak. Rock is slightly hard, Py is common. Core is moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2
	85.7	87.5			5603	
						Olive green, strongly calcareous rock is massive PS_2 foliated and hosts 0 - 5% calcite and quartz

DDH C90DY-05

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov '90 Logged By: F. Sectarff

Code	From	To	Recov.	No.	Unit	Description
						calcite veinlets. Rock is moderately hard, core is slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_0.
	87.5	89.8			5100	2 (500:100) 80:10:10 Medium to medium dark gray phyllite is moderately calcareous, $CS_2 \Rightarrow PS_2$ foliated with medium-dark S_2 surfaces S_2 surfaces slightly tarnish fingers medium to light gray. Interval contains 7-10% 500 bands which are variably calcareous and 1.0 - 3.0 cm wide. Interval also hosts 5-7% quartz-calcite veins Rock is moderately to slightly soft, moderately to moderately-strongly broken. Recovery is good. Upper and lower contacts are sharp and parallel S_0.
	89.8	90.8			500	2 Medium to medium dark gray phyllite is moderately calcareous. As above unit but lacks 500 bands. Unit hosts 1% quartz-calcite veins. Upper and lower contacts are sharp and parallel S_2

DDH C90DY-05

CURRAGH RESOURCES INC.

Lithologic Log

Date: Nov 90 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
	92.8	94.6			5B2	
						Dark to very dark gray, non-calcareous phyllite is $CS_y \Rightarrow PS_y$ foliated with S_y surfaces tarnishing fingers dark gray to very dark gray. Py is common and often occurs as disseminated grains, rarely as clots. Rock is slightly hard, moderately locally strongly broken. Quartz-calcite veins are rare and commonly 1 - 1.5 cm wide and parallel S_y. Recovery is good. Upper and lower contacts are sharp.
	94.6	131.8			5B9	
						Medium to light gray, strongly calcareous phyllite is commonly $CS_y \Rightarrow PS_y$ with medium gray S_y surfaces. Unit hosts 2-3% dm scale quartz-calcite veins, parallel S_2. Py is common throughout, Po is sporadic, locally abundant (~2%). Rock is slightly soft to slightly hard, generally moderately broken; rarely strongly broken in intervals which do not exceed 10-15cm. Gouge is very rare and exists in bands 2-3cm in width. Recovery is good throughout. Upper and lower contacts are sharp and parallel S_y.
	131.8	135.8			5B602	
						Medium-dark gray, very weakly calcareous to non-calcareous phyllite is PS_y foliated with medium dark gray S_y surfaces

DDH CQDV-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov 90 Logged By: J. Zuccotti

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						that very slightly tarnish fingers medium-light gray. Interval hosts 7-10% calcite-quartz veins that often host brecciated calcite fragments. Unit hosts 1-2% clotty Py and 0-trace Po. Rock is slightly hard core is moderately broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2
	135.8	148.1			5B02	
						Medium-dark gray, weakly to moderately calcareous phyllite is $PS_2 \Rightarrow CS_2$ foliated with medium dark gray S_2 surfaces which very slightly tarnish fingers medium to light gray. Unit hosts 1-2% quartz-calcite veins (cm scale) oriented parallel S_2, 2-3% clotty Py and 0-trace Po. Rock is slightly hard, core is moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	148.1	152.3			5B02	
						Medium-dark gray strongly to moderately calcareous phyllite is PS_2 foliated with dark to medium dark gray S_2 surfaces which moderately tarnish fingers medium gray. Unit hosts 1% cm scale quartz-calcite

DDH 90DY-05

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov'90 Logged By: F. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Veins oriented parallel S_2. 1-2% clotty P_y and visible Po. Rock is slightly soft core is moderately to slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	152.3	155.2			58602	strongly broken
						Medium dark gray very weakly to non-calcareous phyllites is strongly broken with no gouge. Unit is PS_2 rarely $\Rightarrow CS_2$ foliated. S_2 surfaces are dark to medium dark gray and very slightly tarnish fingers medium to medium light gray. Intrud hosts 2-3% euhedral pyrite, 5-7% ankerite (?) veinlets and dots, and 1-2% cm scale quartz veins. Rock is moderately soft, strongly broken with poor recovery; 0.9m lost - ground core blocks at base of intrusive. Upper and lower contacts are broken.
	155.2	166.0			5862	(5DO) 99:01
						Medium dark gray phyllite is non calcareous, generally PS_2 foliated, locally CS_2. S_2 surfaces are medium dark gray and slightly to moderately tarnish fingers medium gray. Unit hosts 1-2% calcite stringers, 3-5% quartz-dolomite veins with common chloritic alteration - oriented subparallel

DDH CODY-05

CURRAGH RESOURCES INC.

Lithologic Log

Date: Nov'90 Logged By: J. Zbetnuff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						S_2, 5-7% quartz calcite veins lacking in chloritic alteration with highly variable orientations. Also common qvs ankerite(?) dolomite(?) stringers and clots (2-3%). Pyrite is clotty and sporadic (1-2%). Rock is slightly soft, moderately, locally strongly broken with rare gouge (2-3cm). Upper contact is broken, lower contact is sharp and parallel S_2. Interval hosts rare 1cm bands of 500 oriented parallel S_2.
	166.0	166.9			10E#	[500(?)] 60:40
						Light gray to buff massive, highly strained intrusive rock is very weakly dolomitic. Feldspars are moderately to weakly elongated parallel S_2 and are 1-2mm in size. Matic minerals are very highly strained and consist of wisps parallel S_2. 10E is hard.
						500(?) 5FO(?) is medium to medium olive green, highly strained parallel S_2. 500 unit hosts 10-12% quartz-dolomite veins and 1-2% quartz-calcite veins. Vein systems are subparallel S_2. 500 is limited to consistently the upper 40% of interval. Unit is slightly soft.
						All contacts are sharp and parallel S_2.

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CURRAGH RESOURCES INC.
Lithologic Log

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Date: Nov '90 Logged By: J Beckett

Code	From	To	Recov.	No.	Unit	Description
	166.	171.1			586	* FAULT *
						Medium gray non-calcareous phyllite is S_2 foliated with medium gray S_2 surfaces. Interval is strongly broken throughout with gouge bands at 167.2 - 167.9, 168.6 - 169 and 170.0 - 171.1. Strongly broken intervals host 10-12% dolomite stringers occuring as a caotic network and rarely as clots. Gouge is generally weakly to moderately calcareous at loose displays as weak to moderate reaction to 10% HCl. Strongly broken phyllite is moderately soft, recovery is good throughout. Upper contact is sharp and oriented @ 078/42 relative to S_2, lower contact is also sharp oriented at 055/30.
	171.1	185.3			580	
						Medium gray, moderately to strongly calcareous phyllite is generally CS_2 foliated with medium gray S_2 surfaces. Interval contains 5% dm scale quartz-calcite veins generally oriented parallel S_2 with a rare association with clotty chloritic alteration of wall rock fragments. Pyrite is sporadic and rare (<1%). Rock is slightly hard to slightly soft. Upper contact consist of gouge from upper fault zone oriented 055/30 to S_2. Lower contact is sharp and parallel S_2.

C.R.I. 1987 E-3A

DDH C-90DY-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov 90 Logged By: J. Sedtn-Ht

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	185.	189.			SDO	(SDO:SCO) 70:25:05
						Medium gray locally slightly green phyllite is moderately to strongly calcareous and $CS_2 \Rightarrow PS_2$ foliated. S_2 surfaces are medium gray and light to medium green. SDO and SCO units are sporadic, from 2 - 40cm thick and are often very similar and difficult to distinguish apart. Green color varies from medium to slightly olive green. Units are moderately calcareous and rarely display a moderately well preserved crenulation texture (SCO). Interval hosts 10-15% quartz-calcite veins, 5-30cm thick and generally subparallel S_2. Pyrite is rare, euhedral and 2-5 mm in size. All gr contacts are subparallel to parallel S_2. Rocks are slightly hard slightly broken with good recovery throughout. Upper and lower contacts of interval are sharp and parallel S_2
	189.5	198.3			SDO	Medium gray phyllite is moderately to strongly calcareous, CS_2 foliated with medium gray S_2 surfaces. Interval contains 3-5% cm scale quartz-calcite veins oriented parallel S_2. Rock is slightly hard core is slightly broken, recovery is good. Upper and lower contacts are sharp and parallel S_2

DDH C90X-05 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

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Date: Nov '90 Logged By: J. Beckett

Code	From	To	Recov.	No.	Unit	Description
	198.	202.			SDD	(SDD) 90:10
						Medium gray moderately to strongly calcareous phyllite is CS_2 locally PS_2 foliated with medium gray S_2 surfaces. Unit hosts 10% 1-15 cm quartz-calcite veins with only larger veins ± containing chloritic alteration. Veins are generally oriented parallel to subparallel S_2.
						SDD units are sporadic, from 2-10 cm thick and variably calcareous. All contacts are sharp and parallel S_2.
						Rocks are slightly soft, slightly broken with good recovery. Upper and lower contacts of interval are sharp and parallel S_2.
	202.	226.			SDD	(SDD) 99:01
						Medium gray moderately to strongly calcareous phyllite is generally CS_2 foliated, rarely PS_2. Interval host 10-15% quartz calcite veins oriented parallel rarely subparallel S_2.
						SDD occurs as wispy bands .1-10 mm parallel S_2 and contorted into forming a fold nose at 204.7. Associated with this structure is a high proportion of quartz-calcite veining also defining fold structure. Pyrite is rare <1%, throughout interval. Rock is slightly hard and slightly broken. Recovery is good. Upper and lower contacts are sharp and parallel S_2.

CRI 1987 5-7A

DDH C90DX-05 (2 8)

CURRAGH RESOURCES INC.

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Date: Nov 90 Logged By: J. Sexton

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	226.0	228.5			5B9	(500) 85:15
						Medium gray moderately to strongly calcareous phyllite is CS_2 foliated locally BS_2. Interval hosts trace-1% quartz calcite stringers and 15% 500 bands and wisps from 2-25cm wide. All contacts are parallel S_0. Pyrite is very rare, Po is rare. Rock is moderately hard and slightly broken. Upper and lower contacts of interval are sharp and parallel S_2
	228.5	233.0			5B9	(± => 5F0)
						Medium gray moderately to strongly calcareous phyllite is CS_2 to CS_2 => BS_2 foliated. A very faint green color is very weakly visible - sporadically? Unit hosts 1% quartz calcite veins 1-3 cm in width often displaying brecciated quartz within calcite matrix. Rock is slightly hard slightly broken and recovery is good. Upper and lower contacts are sharp and parallel S_2. Py is sporadic and rare, Po is very rare.
	233.0	237.5			5B9	(500) 80:20
						Medium gray moderately to strongly calcareous phyllite is CS_2 foliated. Unit hosts 3-5% quartz calcite veins 2-15cm oriented parallel S_2.
						500 units are commonly 2-3 cm thick, rarely upto 20cm and weakly to moderately calcareous. 500 bands are interbedded

DDH C-90DX-05

CURRAGH RESOURCES INC.
Lithologic Log

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Date: Nov 90 Logged By: J. Scott-Hogg

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						1 - 1.5 cm thick strongly to very strongly calcareous phyllite(?) Rock vary from slightly hard to slightly soft and is moderately to slightly broken. Upper and lower contacts are sharp and parallel S_2
	237.	241.			5BQ	
						Medium gray moderately to strongly calcareous phyllite is PS_2, sporadically CS_2 foliated. Interval contains 3-5% quartz-calcite veins 0-10cm oriented subparallel to variably parallel S_2, P_2 and P_0 are not common. Rock is moderately to slightly soft, moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	241.	243.5			5BQ*	
						Light gray, strongly calcareous phyllite is CS_2 foliated and hosts 2-3% calcite clots and stringers. Rock is slightly soft, core is slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2

DDH C-90DX-05

CURRAGH RESOURCES INC.
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Date: Nov '90 Logged By: J Beckwith

Code	From	To	Recov.	No.	Unit	Description
	243.	245.			5B92	
						Medium to medium dark gray, moderately to strongly calcareous phyllite is CS_2 foliated on S_2 surfaces are medium dark gray and slightly tarnish fingers medium to medium light gray. Interval hosts 2% calcite stringers and 0-trace Bb. Rock is slightly hard, core is moderately broken and recovery is good. Upper and lower contacts are sharp.
	245.	246.			5B92	(500) 80:20
						Medium to medium dark gray moderately to strongly calcareous phyllite is PS_2 foliated with S_2 surfaces that rarely tarnish fingers medium to light gray. Interval hosts 20% cm scale bands of 500(?) bands often occur in clusters in widths upto 15 cm. Bb is moderately common. Rock is slightly hard and moderately broken. Recovery is good. Upper and lower contacts are sharp and parallel S_2
	246.4	252.0			5B92	
						Medium to medium dark gray phyllite is moderately to strongly calcareous, $CS_2 \geq PS_2$ foliated. Unit hosts trace dm scale quartz-calcite veins, 1-2% P_y clots partially or completely replaced by Bb, and 2-3% calcite stringers. Rock is slightly hard moderately broken with good recovery throughout. Upper and lower

DDH CAUDY-05

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov '90 Logged By: J. Scott-Hogg

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Contacts are sharp and parallel S_2
	252.0	252.8			500	→ 500 (5B02) 70:30
						Medium grayish green to medium olive green unit is moderately to strongly, rarely weakly calcareous. Unit is PS_2 foliated with sporadic occurance of possible igneous texture, poorly preserved. Phyllite bands are medium to medium dark grayish green. Po is common (2-3%). Rock is hard moderately broken ~~with~~ good recovery. Upper and lower contacts are sharp and parallel S_2
	252.8	256.9			5B01	2
						Medium gray to medium dark gray phyllite is $PS_2 \Rightarrow CS_2$ foliated with S_2 surfaces medium dark gray. Unit is moderately to strongly calcareous and hosts 1-2% Po and 0-1% 2-3cm quartz calcite veins. Rock is slightly hard, generally slightly broken with good recovery. Upper contact is sharp and parallel S_2 lower contact is fault bound, sharp and oriented parallel a low angle S_2. S_2 angle to core axis is 35° and is a deviation from upper and lower orientations for S_2.

DDH 90DY-05 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Nov '90 Logged By: J. Beckett

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	256.2	262.0			5C0	± 5 (5B0 : 5D0) 40:40:20
						5C0 is medium grayish green, moderately calcareous, massive with a moderate PS_2 fabric. A weak igneous texture is very poorly preserved. Unit is most common over lower half of interval
						5B0 is medium gray, moderately to strongly calcareous, PS_2 foliated and intermixed with 5D0. P_0 is common, and 5D0 occurs in 1-20cm bands.
						All units are slightly soft to very slightly hard moderately to slightly broken with good recovery. Upper contact is marked by a 1cm gouge band oriented 35° to core axis. 30cm below fault unit appears 5D0 but is weakly dolomitic and strongly bleached both in color. Lower contact is sharp and parallel S_2
	262.0	268.0			5B2	(5D0) 95:05
						Medium dark to dark gray moderately calcareous phyllite is PS_2 rarely $\Rightarrow CS_2$. S_2 surfaces moderately tarnish fingers medium gray. Interval contains trace quartz-calcite stringers 1-2% P_0 and sporadic occurances of 5D0. 5D0 occurs in 0.5-1.5 cm bands often in clusters over 10-30cm widths. Rock is moderately hard, core is slightly broken with good recovery.
						AT 267.1 - 267.5 interval consists of 5B2

C.R.I. 1987 E-3A

DDH C90DX-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov'92 Logged By: S. Zsectnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						which hosts a very well healed breccia with 1-5 mm fragments of vein quartz and 5DO. Fragments are supported by a dark to very dark gray host with a moderately strong shear fabric oriented at a high angl. to core axis. [5A*(?)]. Upper and lower contacts of this breccia band are somewhat gradational.
						Interval contains sharp upper and lower contacts oriented parallel S_1
	268.0	270.0			5DO	(5BO2 => 5FO : 5B2) 45:35: 20
						Highly mixed unit is commonly noted as having gradational contacts making it difficult to distinguish between units.
						5DO is light olive green to medium olive green, moderately calcareous and PS_2 foliated.
						5BO2 => 5FO is generally medium gray locally approaching greenish gray. Rock is moderately calcareous PS_2 foliated with greenish color along contacts with 5DO.
						5B2 is in sharp contact with 5DO units, dark gray and PS_2 foliated.
						All units are slightly hard, moderately broken, with good recovery. Upper and lower contacts of interval are marked by quartz veins, sharp and parallel S_2.

DDH C-90DY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

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Date: Nov '90 Logged By: J. Scott

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	270.	284.			580	
						Medium gray moderately to strongly calcareous phyllite is CS_2 foliated. Unit hosts trace - 1% quartz-calcite veins oriented parallel S_2, commonly 2-5 cm wide rarely 25cm. 2% clotty Po occurs throughout. Rock is slightly hard, moderately broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2.
	284.3	300.7			5B0	(582 : 500) 90 : 09 : 01
						Medium gray, moderately to strongly calcareous phyllite is generally CS_2 foliated, locally PS_2. Unit host trace - 1% clotty Po, and minor inter beds of 582 and bands of 500. All contacts between sub units are parallel S_2 and generally sharp.
						582 beds are from 10 - 30cm thick, dark gray moderately tarnish fingers medium to dark gray, $PS_2 \Rightarrow CS_2$ foliated and are moderately calcareous. 582 rock types commonly display weak to moderate brecciated texture.
						500 bands are rare and occur in widths from 2 - 10cm.
						Intrusive host 5-7% quartz-calcite veins in widths commonly 10-15cm, rarely upto 35cm. Veins are parallel to subparallel S_2.
						All rock types are slightly hard to slightly soft

C.R.I. 1987 E-3A

DDH 90DY-05

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov '90 Logged By: J. Scott

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Moderately broken with good recovery throughout. Upper and lower contacts of interval are sharp and parallel S_2.
	300.7	305.3			5B10	(5DO) 65 : 35
						Medium gray, strongly calcareous phyllite is CS_2 foliated and hosts 35-40% 1-2cm wide 5DO bands. 5DO bands are chocolate brown (:), massive, strongly calcareous and PS_2 foliated. Contacts between units are sharp and parallel S_2 to faint and gradational. Interval contains 3-5% cm scale quartz calcite veins oriented parallel S_2. Rock types are hard, slightly broken, rarely strongly broken (< 10cm wide) with good recovery throughout. Upper and lower contacts of interval are sharp and parallel S_2.
	305.3	307.2			5B20	(5DO) 90:10
						Medium dark gray, strongly calcareous phyllite is CS_2 foliated with S_2 surfaces dark gray which slightly tarnish fingers medium gray. Interval has 10% 5DO bands (0.5 - 2.0 cm) scattered throughout with contacts sharp and parallel S_2. Rock is slightly soft, moderately broken, strongly broken over last 30cm. Recovery is good throughout. Upper contact is sharp and parallel S_2. Lower

DDH 90DX-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov-'90 Logged By: [illegible] Sketchley

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						contact is broken but appears sharp and parallel S_2
	307.2	308.7			5B0	(500) 80:20
						Medium gray, strongly calcareous phyllite is CS_2 foliated and hosts 15-20% 0.5-2.0cm bands of 5B0. All internal contacts are sharp and parallel S_2. Rock is slightly soft, moderately to strongly broken with good recovery throughout. Upper contact is broken but appears sharp and parallel S_2. Lower contact is sharp and parallel S_2.
	308.7	323.			5B0	± => 5B02 - (5B2) 95:05
						Medium gray, locally medium gray; strongly calcareous phyllite is commonly CS_2 foliated, locally PS_2 foliated. Carbonaceous content varies slightly throughout grading to 5B02 sporadically. 5B2 bands are commonly 2.0-50cm wide with moderately sharp contacts - always parallel S_2. Interval hosts 1% quartz calcite veins 2-3cm wide and oriented parallel S_2. Rock varies from slightly soft to slightly hard. Core is generally moderately to strongly broken locally very strongly broken at: 312.4-312.6 314.5-315.3, 316.7±316.9 (2cm gouge), 320.6-321.5. Recovery is good throughout. Upper and lower contacts are sharp and parallel S_2

DDH C-90DX-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov '90 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	323.	326.			5B9	± FAULT (5B6) 75:25
						Medium gray, generally moderately to strongly calcareous, very weakly to non calcareous at 325.8 - 326.7 (5B6). 5B6 unit is moderately porous and hosts two 3cm strongly calcareous quartz carbonate veins oriented parallel S_2. Interval contains two strongly broken, crushed and gouge-bearing zones at: 323.4 - 323.9 and 324.6 - 326.7. Interval between these two zones is moderately broken. Gouge bands do not exceed 20% of broken intervals, are less than 10cm thick, and are moderately calcareous. Rock is moderately soft, generally strongly broken, with good recovery. Upper and lower contacts are sharp and noted as an increase in fractures parallel S_2.
	326.	351.			5D9	(5D0) 99:01
						Medium gray, strongly calcareous phyllite is cs_2 foliated and hosts a narrow section containing sporadic 5D0 bands (0.5 - 1.5cm) at 340.8 - 342.5. Interval hosts 5-7% 1.5 - 3.0 cm quartz - calcite veins generally oriented parallel to rarely subparallel S_2. Po consitutes trace - 1% of rock mass. cs_2 fabric is disrupted and overprinted by a weak well healed breccia texture at 346.3 - 347.3. Rock is slightly hard throughout, moderately broken, rarely strongly broken. Recovery is good throughout. Upper and lower contacts are sharp and parallel S_2.

DDH C 90 DV-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov '90 Logged By: J Zbretnaff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
	351.	354.			SBQ	Healed shear (SQQ) 90:10
						Medium gray, strongly calcareous phyllite contains a moderate CS_2 fabric with is moderately overprinted by a well healed shear fabric. Shear fabric is oriented 45°-60° to core axis and is best displayed by 1-3mm breccia trains of quartz vein material. Interval hosts 10% SQQ (most abundant over upper 70cm) occuring in 0.5-1.5 cm bands parallel shear fabric. Interval also contains 10-12% quartz calcite veins which are intact, 1.0-15cm and oriented parallel to and also crosscut shear fabric. Shear fabric may be coincident with S_2. Rock is moderately broken, slightly hard, recovery is good. Upper and lower contacts are sharp. Upper contact is paralel S_2, lower contact is parallel shear fabric $\Rightarrow S_2$(?).
	354.3	357.7			SBQ	Medium gray, strongly calcareous phyllite is CS_2 foliated. Interval contains 2% quartz calcite veins 1-1.5 cm wide oriented parallel S_2 and are limited to upper 0.8meter of interval. Calcite stringers 1-2mm wide X 10-15cm are oriented subparallel core axis and constitute 2-3% of interval. Rock is moderately hard slightly to moderately broken with good recovery. Upper contact is sharp and parallel S_2. Lower

DDH Caddy-05

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov'90 Logged By: J. Sectnik

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						contact is marked by a 2-3cm gouge band.
	357.	358.			5B01	*$FAULT
						Medium gray, sporadically calcareous, sporadically dolomitic phyllite is CS_2 foliated and faulted. Interval consists of 3 slip planes with or without gouge but do consistently contain crushed rock. Slip planes vary from 2-3cm to 1-3mm. Rock is generally soft with moderately broken rock between slip planes. 15-20 cm of core is missing. Upper contact is sharp and oriented at 000/35° to S_2. S_2 is oriented 77° to core axis. Lower contact is also sharp, oriented 010/40° to S_2.
	358.	367.			5B0	(5D0:5B2)97:02:01
						Medium to light gray strongly calcareous phyllite is CS_2 foliated, rarely BS_2. Unit hosts 2-3% 2-5mm wispy bands of 5D0 which define S_2 locally. 5D0 wisps are best noted when core is wet. Interval supports <1% grey calcite veins ≤1.5cm wide and parallel S_2. P_3 is sporadic and rare. 5B2 occurs sporadically and occurs as .5-1.0cm bands. All interval contacts are sharp and parallel S_2. Rock is slightly hard, slightly broken and recovery is good. Upper and lower contacts of interval are sharp.

DDH 90DV-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Dec '92 Logged By: J. Zsetan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						Upper contact is fault bound, lower contact is parallel S_2
	367.	368.			582	(580) 60:40
						Very dark gray to black non-calcareous to locally very weakly calcareous carbonaceous phyllite is PS_2 foliated with S_2 surfaces moderately tarnishing fingers medium dark to dark gray. Interval hosts 40% 580 commonly occurring in 10cm bands, less commonly interbedded with 582 on the 2-5mm scale. Interval contains trace - 1% Po as clotts (2-3mm) and rarely as disseminated stringers parallel S_2. Rock is moderately hard, slightly broken, recovery is good. Upper and lower contacts are sharp and parallel S_2.
	368.	370.			580	
						Light gray, very strongly calcareous phyllite is CS_2 foliated. Unit contains trace Po, no veining nor veinlets => Barren! Rock is moderately hard, slightly broken with good recovery. Not a damn thing is unique concerning this unit! Upper and lower contacts are sharp and parallel S_2

DDH CODY-05

CURRAGH RESOURCES INC.
Lithologic Log

Date: Dec '92 Logged By: S. Zbeetn-K

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	370.	375.			5B20	(5B0 : 5B2) 50:35:15
						Highly mixed unit, carbonaceous content varies with both sharp and less commonly gradational contacts over a few cms.
						Interval is also variable in calcareous nature, consistently the amount of carbonate is inversely proportional to carbonaceous content. 5B0 is strongly calcareous, 5B2 is non-to-very weakly calcareous. All units are generally CS_2 foliated, rarely 5B2 is PS_2.
						Gradational contacts occur between 5B0 and 5B20 each subunit is commonly 1-15 cm wide, 5B2 bands are commonly 0.5-1.5 cm wide.
						All contacts are parallel S_2, rock is moderately to slightly hard. Core is slightly broken.
	375.	388.			5B9	[5E0(?)] 99:01
						Medium to medium light gray strongly calcareous phyllite is CS_2 foliated with fine lamina common (1-3mm). Unit hosts sporadic light gray strongly calcareous, massive bands 1-8cm in width (5E0(?)). Bands are parallel S_2 with very sharp contacts. Rock is generally slightly hard rarely moderately soft. Upper and lower contacts are sharp & parallel S_2.

DDH C-90DY-05

CURRAGH RESOURCES INC.

Lithologic Log

Date: Dec '90 Logged By: J. Zsolnai

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
	388.	388.			SCO	
						Medium greenish-gray, strongly calcareous rock is strongly FS_2 foliated with a very poorly preserved igneous texture. Unit contains 15-20% fine grained leucoxene(?) elongated parallel S_2. Rock is moderately hard, very slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	388.	391.			SBO	→ SFO (SCO : SDO) 45:40:05
						SBO is medium gray, slightly greenish moderately calcareous and displays a faint CS_2 fabric, with sporadic FS_2 development. FS_2 is common near SCO bands. Contacts between SBO → SFO and SCO are difficult to pick although highly stretched leucoxene(?) defines SCO bands from 3-20cm. SDO bands occur sporadically and in 1-2cm widths - and are difficult to pick at times. Both SDO and SCO units are FS_2 foliated and moderately calcareous. Rock is moderately hard, slightly to moderately broken. Recovery is good. Upper and lower contacts are sharp and parallel S_2.

DDH C-90DX-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Dec '90 Logged By: T. Bretzlaff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	391.	397.			5BO	71 → 5FO
						Medium to light gray, slightly greenish, strongly calcareous phyllite is CS_2 foliated. Lamina are distinctly ghosty, biotite is sporadic and limited to darker bands and wisps. Unit hosts 0-1% quartz-calcite veins parallel S_2 and 1.0cm in width. Rock is slightly to moderately hard possibly slightly siliceous. Core is slightly to moderately broken. Upper contact is sharp and parallel S_2 lower contact is gradative with sporadic occurances of very slight increase in carbonaceous matter down hole.
	397.	398.			5B26	(5BO → 5FO) 65:35
						Dark grey and medium grayish green interval is PS_2 foliated where carbonaceous and CS_2 foliated where non carbonaceous. 5B26 is non-calcareous to very weakly calcareous, 5BO → 5FO is strongly calcareous
						5BO → 5FO is slightly greenish and occurs in 1.0-5.0cm bands with sharp contacts with 5B26.
						Rock is slightly hard, slightly broken with good recovery. Upper contact is gradational over a few cm, lower contact is sharp and parallel S_2. Lower contact is with 5EO(?) 15cm band.

DDH C-90DY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date Dec '90 Logged By J. Zsetnak

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	398.	A01.6			SBO	(SFO) 98:02
						Medium to light gray, strongly calcareous phyllite is CS_2 foliated. Unit hosts a single 0.5 cm quartz calcite vein oriented parallel S_2. Rock is slightly to moderately soft slightly broken, recovery is good. Upper and lower contacts are sharp and parallel S_2.
						Upper contact is marked a 15cm massive light gray very strongly calcareous band SFO(?). SFO contains sharp contacts parallel S_2.
	A01.	A03.6			SBO	→ SFO (SBO:SDO) / 65:25:10
						Medium gray to slightly greenish phyllite is $CS_2 \Rightarrow PS_2$ foliated and hosts 10% SDO, and sporadic gradational loss of chloritic alteration giving 25% SBO. SDO beds are from 1.0 - 20.0 cm wide and have sharp contacts with SBO → SFO. SDO units are moderately calcareous, phyllite units are moderately to strongly calcareous. Rock is slightly hard moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	A03.6	A04.5			SBO2	(SDO) 98:02
						Medium dark gray phyllite moderately to weakly calcareous slightly carbonaceous and CS_2 foliated. Unit contains

DDH C90DY-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Dec '90 Logged By: T. Zbitnuff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						2% 0.2-0.5cm bands of 500 with sharp contacts parallel S_2 Rock varies from slightly hard to slightly soft, is moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2
	404.5	406.0			5B0	→ 5F0 (500) 90:10
						Medium-light gray, slightly greenish phyllite is strongly calcareous, CS_2 foliated and hosts a 15cm band at 500 at the upper contact. Rock is slightly hard, moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	406.0	409.0			5B20	
						Medium - dark gray phyllite is moderately calcareous CS_2 foliated with S_2 surfaces that slightly to moderately tarnish fingers medium gray. Unit host trace wisps and stringers of quartz-calcite veinlets of variable orientation. Rock is slightly hard moderately broken, rarely strongly broken. Recovery is good throughout. Upper contact is sharp and parallel S_2. Lower contact is gradational over 10cm.

DDH C90DX-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: DEC '90 Logged By: S. Scathard

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	409.8	412.			SFQ	→ SBO (SBO) 70:30
						Medium gray with moderate green tint, strongly calcareous phyllite is CS_2 foliated. Interval grades locally into 10-15 cm bands of SBO. Green tint progressively strengthens down hole over last 40-50 cm. Interval is strongly broken with gouge rare - <2.0cm wide. Rock is slightly to moderately soft. 10cm of core is missing. Upper contact is gradational over 10cm, noted as progressive loss in carbonaceous material from upper unit. Lower contact is sharp and parallel S_2
	412.6	414.1			SDO	(SFQ) 90:10
						Medium greenish-gray - slightly olive green, moderately to strongly calcareous unit is massive with a strongly to moderately developed PS_2 fabric. 10% of unit is CS_2 foliated, greenish and moderately to strongly calcareous. Contacts between SDO & SFQ are indistinct. Rock is generally strongly broken, locally moderately broken. Unit is crushed at gauged at 413.0-413.1. 10cm of core is missing. Upper and lower contacts are sharp and parallel S_2

DDH C-90DY-05

CURRAGH RESOURCES INC.
Lithologic Log

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Date: Dec '90 Logged By: D. Seebruch

Code	From	To	Recov.	No.	Unit	Description
	414.	423.			500	(580-) 55:45
						Medium to olive green, weakly to moderately calcareous unit is PS, foliated and massive. Interval contains moderately calcareous phyllite in bands rarely upto 1.5m commonly 20-30cm thick. Internal contacts are sharp and parallel S_2. Quartz-calcite veins are sporadic, generally 1-2.0 cm wide, rarely upto 4cm and constitute 3-5% of interval. Vein contacts are parallel S_2. Rock is moderately soft, slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2
	423.	434.			5B02	± (500) 99:01
						Medium-dark gray, moderately to strongly calcareous phyllite is CS_2 foliated and slightly carbonaceous. 500 bands are very rare 1.0-1.5 cm wide and occur with sharp contacts parallel S_2. Unit hosts 1-2% 2-3cm quartz-calcite veins oriented parallel S_2. Rock is slightly hard, moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	434.	437.9			5B2#	(500:5A0) 60:30:10
						Highly mixed unit is generally bedded on the dm scale with very sharp contacts. All units are moderately to strongly calcareous. 5B2# is CS_2 foliated, moderately carbonaceous and contain sharp contacts parallel S_2 with

DDH C-90DY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Dec '90 Logged By: J Zbrednak

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	38
						500 units greater than 5cm. Occasional thin bands (1-1.5cm) are parallel S_1. Stringers of disseminated Py is common within 5Bolt and 5NO. "Interval is highly distinct with dm-scale banding of beds with very sharp contacts" Rocks are moderately hard slightly to strongly broken. Recovery is good throughout. Upper and lower contacts are sharp and parallel S_2.
	437.7	442.2			10D#	
						Medium grayish-slightly green dyke is weakly calcareous and massive. Unit has a ghosty texture to matrix but displays distinct rounded quartz eyes (15-17%) and euhedral biotite clots (2-3%). Rock is very hard, slightly broken with good recovery. Upper contact is very sharp and parallel S_2 lower contact is gradational over 1.5m. Gradation in loss of ghosty texture of matrix and loss of gray-greenish color is noted.
	442.2	454.7			10A	#
						Light gray to buff, medium grained dyke is very weakly calcareous to non-calcareous. Igneous texture is very well preserved. Unit consists of 10-15% quartz eyes (2-4mm) 15-17% hornblende (?) (.1-3mm) and 1-2% anhedral rarely

DDH C-90DY-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Dec '90 Logged By: E 2Sedlak

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						euhedral feldspar phenocrysts (5-7mm). Rock is very hard and very slightly broken. Upper contact is gradational over 1.5m, lower contact is gradational over 1.0c
	454.7	461.2			10D	#
						As 437.9 - 442.2; but is weakly to non-calcareous. Upper contact is gradational over 1.0 cm and a progressive increase in ghosty texture and gray-greenish color is noted down hole over the upper 2.5 metres. Lower contact is sharp and parallel S_2
	461.2	476.7			5AQ	→ S_2 (500) 55:60
						Very dark gray to nearly black, strongly calcareous phyllite is often PS_2 foliated very rarely cs_2 foliated. S_2 surfaces tarnish fingers very dark gray to near black quite easily. Phyllite is strongly interbedded with medium to slightly olive green 500. 500 is moderately to strongly calcareous. Common scale for interbedded units is dm-scale, less commonly on the cm scale, very rarely with bands of 500 upto 70cm. All internal contacts are sharp. Cm-scale beds of 5AQ and 500 are commonly parallel S_1, thicker beds are parallel

DDH 90DV-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN'91 Logged By: D. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						S_2. Pyrite and Po are common in each rock type. Interval consists of units which are slightly hard, strongly broken, except beds of 500 > 50cm which are slightly broken. Recovery is good throughout. Upper and lower contacts of interval are sharp and parallel S_2.
	476.7	485.2			580	2 (500 : 580) 60 : 30 : 10
						Medium gray, strongly to moderately calcareous phyllite is typically PS_2 foliated, rarely CS_2. Phyllite is very slightly carbonaceous and tarnishes finger, medium to light gray. Phyllit hosts 30% 500 and 10% 580. Subsidiary units occour with sharp contacts parallel S_2 and in bands 10-30cm wide. Rarely are 500 units 1-2cm wide, but when they occur are often parallel S_2. 500 and 580 units are strongly to moderately calcareous. Rocks are strongly broken parallel S_2 and are typically slightly soft rarely moderately soft. Recovery is good. Upper and lower contacts of interval are sharp and parallel S_2.

DDH 90DY-25

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 91 Logged By: F Zbedacki

Code	From	To	Recov.	No.	Unit	Description
	485.2	492.0			586	±2 (506) 80:20
						Medium to slightly dark gray non-calcareous phyllite is generally PS_2 foliation, rarely CS_2. Phyllite is interbedded with a medium to slightly olive green non-calcareous 500 rock type. 500 bands are commonly 5-20cm wide with sharp contacts parallel S_2. Rarely are 500 units on the cm-scale, but when they occur are parallel S_2. Phyllite appears to contain a slight to moderate carbonaceous content but S_2 surfaces - rarely tarnish fingers v. dark gray. Rock are slightly soft strongly broken, locally moderately broken. Recovery is good throughout. Upper and lower contacts are sharp and parallel S_2.
	492.0	495.9			560	(500) 65:35
						Medium to slightly dark gray phyllite is strongly calcareous CS_2 foliated and hosts 35% dm scale 500 bands. 500 is medium to slightly olive greenish gray, Moderately to strongly calcareous PS_2 foliated and commonly occur in 20-50cm band, rarely 2-3cm. All internal contacts are sharp and parallel S_2. Rock is generally slightly to moderately broken; strongly broken and locally crushed below 492.6. Rock is slightly hard. Upper and lower contacts are sharp and parallel S_2

DDH 90DY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 91 Logged By: E. Zuckwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
	495.9	501.5			5A0	(5D0 : 5B0) 65:25:10
						Very dark gray to black, strongly calcareous phyllite is PS_2 foliated with S_2 surfaces easily tarnishing fingers black.
						Interval supports 25% 5D0 bands 5-40cm wide, rarely 2-5cm. 5D0 is medium olive green PS_2 foliated and strongly calcareous. Interval also contains 10-15%
						5B0 bands which are upto 20cm wide, strongly calcareous, and PS_2 foliated. Rock is slightly, rarely moderately soft, strongly broken throughout and has good retouch. All contacts are sharp and parallel S_2
	501.5	505.5			5B6	±1 ± →5F6 (5D06 : 5B0 : 5C0 (?)) 51 : 45 : 02 : 02
						Medium gray non-calcareous phyllite is PS_2 foliated and hosts 45% wisps and narrow bands of 5D06.
						5D06 is weakly to non calcareous olive green and is interbanded with an olive green unit (of similar scale)
						which hosts a very weakly preserved texture which appears igneous (5C0 (?)). 5B0 bands are rare <8cm
						wide and constitute 2% of interval. 5B6 unit is
						locally strongly silicified in ≤15cm bands. Silicified
						intervals constitute <10% of interval. 5D06 displays a
						weak CS_2 fabric when interbanded with 5B6 on a
						fine scale. Rocks are generally slightly soft to
						slightly hard, very slightly to moderately broken with

DDH GUDY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN'91 Logged By:

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						good recovery. Upper and lower contacts are sharp and parallel S_2.
						± → 4LO
	505.5	515.1			586	±1±C (5086±1) 75:25
						Medium grey, non-calcareous phyllite is generally foliated and hosts a band of moderately to strongly chloritized green package @ 509.2-510.5. Chloritized package contains a 5D6 signature and is rarely silicified in a 5-10cm band at the base of the subinterval. 5B6 is also rarely silicified and is limited to 5-10cm bands constituting 2-3% of interval. Interval contains 3-5%, 2-15cm, chalky, quartz-ankerite veins. Texture of 5B6 adjacent veins slightly approaches that of 4LO. Rock is generally slightly soft to slightly hard. Core is moderately broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2

DDH C 90DY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov '90 Logged By: D Sheehan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	515.	515.			SAD	(SH) 51:49
						Black, noncalcareous phyllite is P_{S_2} foliated with S_2 surfaces olive black and moderately tarnish fingers black. Unit SAD is interbanded with medium dark gray non-calcareous phyllite. SAD laminae are commonly on the mm scale, rarely upto 1.5cm. Interval containing 2-3% very irregular - randomly oriented quartz stringers (3-5mm) which host 1% pyrite clots. Py is very rare in phyllite. Rock is hard, moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2. Lower contact is marked by 1.5-2.0cm band of massive Po. Po band is broken but generally appears oriented parallel S_2. Po band and quartz stringers are very weakly dolomitic
	515.	516.			ALG	
						Light gray, weak hint of green, non calcareous phyllite is P_{S_2} foliated. Phyllite hosts 0-2% 1mm stringers of dolomite. S_2 surfaces are very micaceous (muscovite). Rock is strongly broken over upper 30cm, slightly broken below. Recovery is good. Rock is slightly soft. Upper contact is sharp, parallel S_2 and is oriented 70 to core axis. Upper contact is marked by a 1.5-2.0cm weakly dolomitic band of massive Po. Lower contact is sharp, parallel S_2(?) S_1(?) and is oriented at 24° to core axis

DDH C90X-05

CURRAGH RESOURCES INC.
Lithologic Log

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Date: Nov '90 Logged By: R Beckett

Code	From	To	Recov.	No.	Unit	Description
	516.	516.			4KO	
						Buff to very light gray, dolomitic rock displays a brecciated texture and hosts 10-15% sulphides, Po Sph Ga & Pyr, all common and roughly of equal proportion. Sulphides do not display brecciated texture and exist in stringers and clots disseminated within matrix. Sulphides are most common in upper third of unit and constitute 20-25% of rock over this portion. Rock is hard and unbroken. Upper and lower contacts are very sharp. Upper contact is oriented @ 84° to core axis, lower is oriented 75° to core axis. Estimated grade is 5-7% Pb+Zn.
	516.7	517.5			4GO	(4EO) 75:25
						light gray, very weakly calcareous - rock is strongly baritic, moderately mineralized and hard moderately well banded. Interval hosts 4EO at 516.7 - 517.0. Banding in all rock types is variable but generally trends 45° to 55° relative core axis. Rock is slightly soft, streaks black and is slightly broken. Upper contact is sharp and oriented 75° to core axis. Lower contact is also sharp, parallel banding and is oriented 41° to core axis. ESTIMATED grade is 10-12% Pb+Zn

DDH Caddy-05

CURRAGH RESOURCES INC.

Lithologic Log

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Date: Nov '90 Logged By: J. Beckett

Code	From	To	Recov.	No.	Unit	Description
	517.	519.			4EO	
						Brassy yellow, weakly to moderately calcareous, rarely displays banding and is moderately baritic. Units hosts 50-60% Py. Baritic occurs as clots (1-3mm) and disseminated within Py mass. Banding where noted is generally oriented 35° to 40° relative core axis. Rock is hard, streaks black and is moderately to slightly broken. Upper and lower contacts are sharp - Upper contact is oriented 41° to core axis and lower contact is 65° to C.A. ESTIMATED grade is 10% Pb+Zn
	519.	519.			4KO	(4EO:4LO) - 50:45:05
						Buff to very light gray, hard rock reacts moderately to weakly with 10% HCl when scratched. 4EO units occurs as slightly contorted bands disrupted by 4KO clots and bands. 4LO bands display similar nature as 4EO being slightly contorted but also discontinuous. 4LO generally lacks in mineralization. Interval is unbroken, generally hard - solid where 4LO occurs. Upper and lower contacts are sharp; upper oriented 65° to CA, lower at 62° to CA. ESTIMATED grade is 3% Pb+Zn
	519.7	520.4			4KO	(?) FAULT
						Buff, very hard slightly brecciated rock is well healed at 519.7 - 520.0 and crushed at 520.0 - 520.4 Interval is very weakly mineralized. Mineralization occurs

DDH CADY-05

CURRAGH RESOURCES INC.
Lithologic Log

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Date: Nov 90 Logged By: [illegible] Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						in stringers and clots => remobilized. Rock is very hard, crushed below 520.0. Upper contact is sharp, oriented 60° to core axis. Lower contact is crushed. ESTIMATED grade is <1%
						Crushed zone correlated with increase in return flow during drilling => probable artesian zone.
	520.4	525.2			AGO	
						Light gray, weakly calcareous rock is strongly baritic, moderately mineralized and well banded. Banding is commonly oriented at low angles to core axis (20° or less). Banding is subparallel core axis at 521.3 to 524.3. Interval contains 10-12% disseminated Py. Rock is soft generally, moderately broken, rarely strongly broken. Upper contact is crushed lower contact is irregular, sharp and oriented approximately 50° to core axis. Estimated grade is 8-10% Pb+Zn
	525.2	528.6			AG4	(AEO) 94:06
						Slightly purple brown - locally buff weakly calcareous unit is moderately to strongly mineralized. Interval is well banded throughout, banding varies from rarely as low as 30° to upto 60° to core axis. Common angles for band are 45° to 60° Interval is strongly baritic, most barite is disseminated among

DDH C 90DY-05 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Nov '90 Logged By: S Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						sulphides. Interval contains a single band of 4EO at 426.1 to 426.3. 4EO contacts are oriented at 38° to core axis. Interval is moderately hard, streaks black, and is moderately to slightly broken. Upper contact is irregular, sharp, and oriented ~ 50° to core axis. Lower contact is sharp parallel banding and oriented 68° to core axis.
	528.2	529.1			4K4	
						Purplish brown, slightly brassy, moderately calcareous rock is strongly mineralized and hosts 10% 2-3cm clotts of carbonate with ± quartz. Carbonate clots are moderately reactive with 10% HCl when stretched. Unit hosts 10-15% Py. Upper and lower contacts are sharp, parallel banding and oriented at 65-70° to core axis. Interval banding is only slightly disrupted by clotts. Estimated grade is 15% Py+Sp
	529.1	531.9			4G4	
						Purplish brown, locally slightly brassy, locally buff moderately calcareous rock is strongly, rarely moderately mineralized. Unit is well banded with banding consistantly oriented 65-80° to core axis. Interval is strongly baritic with barite occuring as a disseminated

DDH CQUY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

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Date: Nov '90 Logged By: J. Bedard

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						matrix and as 3-4mm clasts (5-7%). Rock is moderately hard & slightly to moderately broken. Upper and lower contacts are sharp, parallel banding and oriented at 65-70° to core axis. ESTIMATED grade is 15% Pb+Zn.
	531.9	532.			AEQ	(=> 460)
						Brassy yellow to slightly purple brassy, moderately calcareous unit is well banded and moderately to strongly mineralized. Unit contains 40-50% by 2% barite clasts 1-2% calcite clasts and possible minor barite within matrix(?). Banding is generally oriented at 45° to core axis. Upper and lower contacts are sharp and parallel banding. Rock is hard, streaks black and is slightly broken. ESTIMATED grade is 12-15% Pb+Zn
	532.6	533.6			460A	
						Purplish to purple brown very weakly calcareous rock is very strongly mineralized, generally massive, locally weakly banded. Unit is barite with disseminated barite and 1-2% 2mm barite clasts. Rock is hard, streaks black and is slightly broken - Upper contact is sharp

DDH C-90DY-05

CURRAGH RESOURCES INC.
Lithologic Log

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Date: Nov 90 Logged By: S Zbretnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						parallel banding and oriented 45° to core axis - Lower contact is sharp, very irregular and part of a fold nose, with axial plane subperpendicular core axis.
						Estimated grade is >20% Pb+Zn.
	533.	533.			4L0	(4G44) 55:45
						light gray very weakly calcareous phyllite is locally interbanded with 5F0 on the 2-3mm scale. Generally 4L0 is crudely PS, foliated. 4G44 occurs sporadically in 2.0 - 4.0 cm bands and clots with often crosscut PS, fabric of 4L0 and 4L0/5F0. 4L0 and 5F0 are barren of mineralization and are in very sharp contact with mineralized 4G44. All units are moderately hard (4L0??). Upper contact is sharp, contorted and part of a fold nose with axial plane oriented subperpendicular core axis. Lower contact is sharp and very irregular => generally subperpendicular core axis.
						Estimated grade is 7% Pb+Zn
	533.6	534.6			4G44	(5A0) 99:01
						Purplish brown and light gray, very weakly to weakly calcareous rock is moderately, locally very strongly

DDH C90DY-05
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Nov '90 Logged By: [illegible] Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	36
						mineralized. Unit is well banded, baritic and contains 5-20% Py. Banding is generally oriented @ 65° to core axis. Rock is hard, streaks black and is very slightly broken. Upper contact is sharp, very irregular and oriented generally sub perpendicular core axis. Lower contact is sharp, parallel banding and oriented 65° to core axis. Lower contact consists of 2cm of SAO mylonite. SAO unit is well healed black and strongly varnished finger black. SAO is in lower contact with Dyke: also oriented @ 65° to core axis.
						ESTIMATED grade is 15-17% Pb+Zn
	534.	535.			10E	
						Grayish brown noncalcareous unit hosts a fine grained massive non-foliated texture with gradation colour changes to light buff green at upper and lower contacts. Good igneous texture with 1-2% euhedral feldspars and altered remants of amphibole crystals (?) scattered throughout. Unit is moderately altered and slightly silt. Upper and lower contacts are sharp and oriented @ . Lower contact is also marked by 1.0cm of remobilized (?) Pb+Zn mineralization parallel dyke contact and with a very strong P_2 fabric.

DDH 90DY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: J. Zbednalk

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	535.0	549.0			5C80	(5D80) 75:25
						Medium-light gray unit is moderately to strongly calcareous, strongly PS_2 foliated and moderately to strongly chloritized. A relict igneous texture is obscured by alteration and strong PS_2 fabric. Unit hosts 25% 5D0 occuring in a 60-70 cm band at 538.5 - 539.2. 5D0 is calcareous PS_2 foliated and is in sharp contact with 5C80, and is chloritized. All units are soft, moderately broken and display good recovery. Upper and lower contacts are sharp and parallel.
	549.0	542.3			5B6	±0
						Medium to light gray non-calcareous to locally very weakly calcareous PS_2 foliated. Rock is slightly soft - possibly weakly chloritized, moderately broken with good recovery. Upper and lower contacts are sharp and parallel.
	542.3	544.4			5CB0	(5B6: 5D0) 75:15:10
						Medium grayish green moderately to strongly calcareous, strongly chloritized and strongly PS_2 foliated. A very poorly preserved igneous texture is identifiable. Unit supports 5B6 at 543.6 - 544.1

DDH 91DY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: J. Beckett

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						5B6 is non calcareous medium gray, slightly greenish, PS_2 foliated and contains sharp upper and lower contacts parallel S_2. 5D0 units are sporadic and are limited to bands within 5C0, and are typically 1-5 cm wide. Rocks are soft to slightly soft, moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2
	544.4	548.3			5B06	
						Medium gray, very weakly calcareous phyllite is PS_2 foliated and hosts 0-5% quartz calcite veins < 1cm wide. Rock is moderately soft, moderately to slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	548.3	551.4			5C0B	± minor fault
						Medium to light green, slightly soft strongly calcareous unit is PS_2 foliated and weakly chloritized. Unit displays a well preserved igneous texture and contains 2-3% quartz calcite veins 0.5-2cm wide and oriented parallel S_2. A weak fault consisting of crushed rock and gouge occurs at 548.5-548.8. Unit

DDH 90DY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: J. Zecevik

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						is soft moderately broken and has good recovery Upper and lower contacts are sharp and parallel S_2
	551.4	564.7			506	± → 5F6 (5F6 : 5C0 : 5B0) 40:30:20:10
						Medium gray noncalcareous locally very weakly calcareous is generally CS, foliated and is interbedded with several other rock types. Unit grades into and out of 5F6 which differs only by slight green color. Contacts are gradational. 5C0 is fine grained PS, foliated, moderately to strongly calcareous and rarely thin sharp contacts parallel S_2. 5B0 is rare and does not exceed 10cm in width. Contacts are sharp and parallel S_2. Rock varies from slightly hard to slightly soft. Interval is moderately rarely strongly broken. Core recovery is good. Upper and lower contacts are sharp and parallel S_2.
	564.7	574.2			5F0	(5F0) 85:15
						Medium green interval is moderately to strongly calcareous, generally PS, foliated, locally CS and designated 5F0. 5F0 also lacks igneous texture. Igneous texture is generally fairly well preserved, fine grained and hosts 0-20% very fine grained leucoxene. Rarely igneous texture is medium

DDH 90DX-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN'91 Logged By: F. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						grained with 15-20% matic crystals stretched and chloritized into S_2. Locally contacts between 5FO and 5CO are difficult to pick. Rock is slightly soft, moderately to slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	574.2	574.7			5B60	(5FO6) 75:25
						Medium gray very weakly to non-calcareous unit is PS_2 foliated and is interbedded with 5FO6 which is medium greenish gray, very weakly calcareous and also PS_2 foliated. Interbedded nature is on the cm-scale. All contacts are sharp. Rock is slightly soft, moderately broken and has good recovery. Upper and lower contacts are sharp and parallel S_2.
	574.7	583.1			5CO	6 (5FO6) 75:25
						All units are medium green, weakly to rarely moderately calcareous with 5CO units PS_2 foliated and 5FO units CS_2 foliated, textured contains 5FO6 at 574.7-575.7, 578.3-579.2 and 582.9-583.1. 5CO units are fine grained with a well preserved igneous texture. Rock is slightly soft moderately to slightly broken and hosts 2-3% quartz calcite stringers and veins (< 2cm). Recovery is good. Upper and lower contacts are sharp and parallel S_2.

DDH 90DY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: F. Beetin

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	583.1	588.2			5C46	$ (5F60) Buff with green wisps weakly dolomitic unit is strongly bleached and hosts 15-20% stretched chlorite-rich mafic minerals oriented parallel S_2. Igneous texture is crudely preserved within a strong PS_2 fabric. Unit hosts 5F60 at 584.3 - 586.0. Subsidiary unit is very weakly to non-calcareous, CS_2 locally PS_2 foliated and contains sharp contact parallel S_2. 5C46 $ unit is soft to very soft, 5F60 is moderately soft. 5C46 is rarely crushed. Interval contains 5-7% dm- and cm-scale quartz calcite veins of variable orientation. Recovery is good. Upper and lower contacts are sharp and parallel S_2.
	588.2	590.8			5F61	(?) (5B60 → 5F60) 60:40 Medium green, textureless, PS_2 foliated is non-calcareous and rarely displays 2-3mm bands interpreted as S_1 beds parallel S_2. Rock is slight hard to slightly soft. Interval host a medium gray-slightly green unit at 589.6 - 590.8. Unit is very weakly calcareous and displays a well developed CS_2 fabric. Unit is slightly soft to slightly hard. Recovery is good throughout. Upper contact is sharp and parallel S_2. Lower contact is strongly broken with minor gouge.

DDH 90DY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 91 Logged By: I Blednikoff

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
	590.8	592.5			5C14	$ Bleached greenish buff weakly dolomitic unit displays a strong PS_2 fabric which faintly preserved an igneous texture defined by 5-10% matic wisps altered to chlorite. Rock is soft moderately broken and locally crushed in bands .2-15cm wide. Recovery is good. Upper and lower contacts are sharp and parallel S_2. Contacts are also marked by quartz calcite veins 10-2cm wide.
	592.5	593.8			5B61	±8 ± -> 5F6 Medium gray - locally slightly to moderate greenish in color, non calcareous to locally very weakly calcareous CS_2 locally PS_2 foliated phyllite is sporadically weakly chloritized and tends to a 5F6 appearance. Rock is slightly soft, moderately broken and has good recovery. Upper and lower contacts are sharp and parallel S_2
	593.8	601.3			5F69	(5B0 : 5C6) 90 : 05 : 05 Medium green, non-calcareous to very weakly calcareous, generally CS_2 foliated locally PS_2 foliated rock hosts bands of 5B0 and 5C6. 5B0 units are 20-30 cm wide, medium gray, moderately calcareous and are in sharp contact with 5F60. 5C0 bands are

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						fine grained, PS, foliated, non-calcareous to very weakly calcareous. SCB bands are often difficult to isolated from PS, foliated SF60. Rocks are slightly soft moderately broken and have good recovery. Upper and lower contacts are sharp and parallel S_2
	601.3	696.9			SB94	±0 ±8 (10E) 99:01
						Protolith is medium gray, moderately calcareous, CS_2 foliated and has commonly been altered to a light to midium yellowish green to light green color. Altered intervals are very weakly calcareous. Alteration commonly displays gradational contacts. Unit supports a 25cm dyke 10E. Upper contact of dyke is oriented 045/32 relative S_2. Lower contact is oriented SO TCA. 10E is medium grayish brown with 0-7% 2-3mm feldspar crystals within a very fine grained massive matrix. Rock is slightly hard, moderately broken with good recovery. Upper and lower contacts are sharp. Upper contact is parallel S_2, lower contact is oriented 345°/27 relative S_2

DDH 90DY-05 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN '91 Logged By: E. Sceetnth

Code	From	To	Recov.	No.	Unit	Description
	606.9	607.4			104*	
						Medium to slightly dark brownish gray, moderately calcareous dyke is fine grained and hosts 0-1% feldspar crystals <2mm in diameter. Chilled margins with lighter coloration near contact appears at lower contact. 10-15% vessicles (?) occur within 20cm of lower contact. Rock is hard slightly to moderately broken. Upper contact is sharp and oriented at 345/27° to S_0. Lower contact is sharp and is oriented at 40° to core axis, ~~parallel~~ parallel shear fabric of lower unit
	607.4	610.2			5A*	
						Very dark gray to black very weakly calcareous unit contains a strong shear fabric. Fragments within shear fabric are dominated by quartz but also contain SFO(?) 500 wisps and bands. Fabric varies in orientation but generally trends at high angles to core axis. Unit is slightly hard, moderately broken, rarely strongly broken, even more rarely crushed (<10cm). Upper and lower contacts are sharp, Upper contact is oriented at 40° TCA, Lower contact at 33° TCA.

DDH 90DY-05

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 91 Logged By: E. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	610.2	618.1			3A1.4	Hornfelsed Interval is dark gray to black, non-calcareous, with weak brownish alteration common - hornfels(?). Unit also altered yellow brown in sporadic clots and bands - sharp contacts are common. Unit contains a strong shear fabric commonly 30° TCA. Locally unit is strongly brecciated with a matrix supported fabric. Unit is moderately silicified throughout. Rock is hard, slightly broken with good recovery. Upper and lower contacts are sharp. Upper contact is oriented 33° TCA Lower contact is is very irregular and generally trends 60° TCA.
	618.1	621.3			10E	(360 ± 1) Light brown to tan locally chocolate brown dyke is moderately to strongly calcareous, massive and hosts 20-25% <1mm feldspar crystals altered to yellowish tan. Rarely feldspar crystals are upto 0.5cm. Interval hosts 1.0 m band at 360 with sporadic silicification. 360±1 is dark gray, non-calcareous and does not tarnish fingers. Modified breccia texture is displayed in 360±1 and is clast supported. All contacts are sharp, Dyke is slightly hard, phyllite is soft where silicification is absent.

DDH 90DY-05 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 91 Logged By: J-Zbednarski

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	621.3	633.6			3150$	±1 ± hornfels ± #
						Dark gray to black phyllite is non-calcareous very rarely weakly calcareous, displays a weak to moderately well developed shear fabric generally trending 30° TCA. Locally shear fabric is overprinted by weak breccia texture. Silicification is common but weak hornfels is sporadic. Dolomitic clots and fracture fillings are common (2-5%). Py and Po are rare but does occur as networks comprising 10-15% of 5-10cm bands. Rock is generally slightly hard, locally very soft with open shear fabric consisting of gouge. Recovery is good. Upper and lower contacts are sharp.
	633.6	657.8			105	
						Medium to light gray, non-calcareous, locally weakly calcareous dyke hosts 5-7% 0.5-0.75cm feldspar phenocrysts, 5% biotite phenocrysts (.2-.3mm) and 0-15% quartz eyes. Rock is hard, locally strongly broken with good recovery throughout. Upper contact is sharp and oriented 30° TCA. Lower contact has not been cored.
		657.8				END OF HOLE

DDH 90AY-05 CURRAGH RESOURCES INC. Page 66 of 97

Logged by J. Bradley

ASSAY LOG (SAMPLER'S COPY) Date Nov '90 Sampled by J. Bradley

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
	516.						0-516.2 - WASTE
	516.	516.	65116	0.			
	516.	517.	65117	0.			
	517.	518.	65118	0.			
	518.	519.	65119	0.			
	519.	519.	65120	0.			
	519.	520.	65121	0.			
	520.	521.	65122	0.			
	521.	521.	65123	0.			
	521.	523.	65124	1.			
	523.	524.	65125	1.			
	524.	525.	65126	0.			
	525.	526.	65127	0.			
	526.	526.	65128	0.			
	526.	527.	65129	1.			
	527.	528.	65130	1.			
	528.	529.	65131	0.			
	529.	530.	65132	1.			
	530.	530.	65133	0.			
	530.	531.	65134	1.			
	531.	532.	65135	0.			
	532.	533.	65136	0.			
	533.	533.	65137	0.			
	533.	534.	65138	1.			
							534.6 - EOH WASTE

184m ✓

DDH 90AY-05 (2 8)

CURRAGH RESOURCES INC.
Fault Log

Date: Nov '90 Logged By: D. Scott

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	
		9.1						CASING
	30.1	31.						Crushed to strongly crushed, minor gouge, very weakly calcareous. Parallel to subparallel S_2. Moderate oxidation. Suspect source for artesian water
	32.1	33.1			34	3H 1H.1		Very strongly crushed, minor gouge, moderately calcareous moderately to strongly oxidized. Possible source for artesian water
	33.4	37.			20 028			Moderate to locally strong oxidation on S_2 and fractures at low angles to core axis. Fractures are common are are of variable strike, dips from 0° to 30° to core axis. (Possible source for artesian water)
	40.1	40.1			45 206		48	Weak fault - gouge bands and crushed zones 0.5 - 3.0 cm. Moderate to strong oxidation, weak to moderate calcareous nature
	80.8	82.3						Strongly broken parallel S_2, crushed and gouge at 81.8 - 82.1
	90.8	91.3						Very strongly broken, weakly crushed, rare gouge

DDH 90DY-05 (2 8) CURRAGH RESOURCES INC. Page 68 of

Fault Log Date: Nov '90 Logged By: D. Scott

Code	FROM	TO (At)	Feature	REC.	UPPER Dip Direct.	INTERNAL Dip Direct.	LOWER Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
	93.5	95.5						Strongly broken, locally very strongly broken and weakly crushed, gouge is very rare.
	152.5	155.5						75% of interval is strongly broken, S_2 breaks are very much dominant. (Possible source to artesian flow).
	167.2	171.1			42 078		30 955	FAULT ZONE: gouge at 167.2 - 168.0; strongly broken, crushed and 15-20% gouge @ 163.6 - 169.9; gouge at 169.9 - 171.1. Internal agles are variable (Probable source for artesian water)
	323.4	323.8			40 155			FAULT: 80% gouge - calcareous Phyllite also calcareous - strongly broken → crushed.
	324.6	326.9				20 040		FAULT: Strongly broken, rarely crushed, 1-2% gouge in 5-10 cm bands - calcareous Phyllite generally calcareous, non calcareous and moderately porous below 325.8.

DDH 90DY-05 (2 – 8) CURRAGH RESOURCES INC.

Fault Log

Date: Dec '90 Logged By: F. Sbeta-Ff

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 36	40 44	
	357.	358.			35 020		45 295	Wide fault: soft rock, very weakly crushed still intact, 2cm gouge band at top of interval
		383.						Drilling reports indicate strong increase of water returning to surface: artesian flow. No corresponding interval is noted in core! moderate breakage of rock occurs at 382.7 - 383.3 - interval is strongly to very strongly calcareous => NOT SOURCE FOR ARTESIAN FLOW!
	409.	414.						Broken Zone: Interval is strongly broken (S_1 dominant with rare (low angle to CA) Minor gouge 1-2cm wide, rare 8cm gouge bands.
		437.						2cm gouge near dyke contact, parallel S_2.
	461.	463.						Strongly broken // S_2 minor gouge and crushed bands 1 - 10cm

DDH 90DY-05 (2 8) CURRAGH RESOURCES INC. Page 70 of _____

Fault Log Date: JAN '91 Logged By: F. Scetnoff

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	
	484.2	484.3						very strongly broken parallel S_2 70 TCA, trace gouge
	491.0	492.1						V. strongly broken // S_2, minor gouge
	499.	499.5						V. Strongly broken & crushed // S_2
	519.	520.4						Dyomite: competent & hard from 519.75 - 519.9, crushed @ 519.9 - 520.4 poor recovery, artesian flow during drilling.
	539.	540.						rubble, strongly broken, cky on very irregular fracture surfaces
	548.	548.7						crushed with minor gouge // S_2
	590.	591.1						very soft rock, strongly broken
	623.1	621.7				17 —		crushed and gouged
	625.1	626.6						Crushed with minor gouge
	629.0	629.3						Crushed

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DDH 90DY-05 (2 8) CURRAGH RESOURCES INC.

Fault Log

Date: JAN '91 Logged By: S. Beckwith

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 36	40 44	
	630.	630.						crushed
								END OF HOLE

C.R.I. 1987 E-7

DDH 90DY-05 (2 8)

CURRAGH RESOURCES INC.
Structural Log

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Date: Nov 90 Logged By: J. Sheet. H

Code	From	To	Feature	Sym	L_3 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	
		13.	PS2		064		72	
		16.	CS2	S	157	22 336	56	
		24.	CS2	Z	160	15 157	64	
		27.	CS2	Z		10 220	77	
		35.	CS2	Z	906	17 180	67	
		39.	CS2	Z	917	16 182	85	
		47.	CS2	Z		10 154	84	
		51.	CS2	S	002	25 330	85	
		57.	PS2		952		78	
		64.	CS2	S	906	30 011	70	
		66.	CS2	S		18 020	77	
		70.	CS2	S		22 028	76	
		78.	CS2	S		24 017	78	
		85.	PS2				80	
		91.	CS2	Z	032	14 218	73	
		94.	PS2		907		69	
		102.	PS2		081		82	L_3 => 034°
		106.	CS2	S	943	12 025	76	
		117.	CS2	S	051	15 063	81	
		119.	CS2	S	107	15 047	75	
		122.	CS2	S	916	08 015	43	
		131.	CS2	S		15 032	78	
		137.	CS2	S	938	24 334	77	
		144.	CS2	S	945	13 049	81	
		150.	CS2	Z	009	13 160	82	
		153.	PS2		952		83	L_3 => 043
		161.	CS2	S	160	12 341	70	
		164.	CS2	S	170	20 326	65	
		172.	PS2				74	
		174.	CS2	Z	006	21 201	71	
→		180.	PS2	S	095	29 279	84	
		187.	PS2	S	013	22 358	86	L_3 => 173°
		192.	PS2	Z	167	20 178	82	
		198.	PS2	Z	166	13 139	84	
		206.	PS2	S	167	17 330	75	
		210.	PS2	S	991	29 075	81	

DDH 90DX-95 (2 8) CURRAGH RESOURCES INC. Page 13 of _____

Structural Log Date: Nov 90 Logged By: J. Sweetman

Code	From	To	Feature	Sym	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	
		218.	CS2	Z	011	11 283	89	Poor orientation of S_2!
		224.	CS2	Z	059	08 253	71	
		226.	CS2	S	922	10 023	81	
		233.	CS2	S	031	19 027	73	
		237.	CS2	Z	042	16 035	73	
		243.	CS2	Z	032	14 207	76	
		250.	CS2	S	008	11 015	78	
		254.	CS2	S	174	15 000	76	
		261.	PS2				78	
		265.	PS2				62	
		272.	CS2	S	024	18 039	84	
		279.	CS2	Z	022	44 219	64	
		285.	CS2	S	035	14 043	76	
		292.	CS2	Z	025	15 198	70	
		296.	CS2	S	022	13 341	63	
		302.	PS2				60	
		308.	CS2	Z	085	17 265	84	
		312.	CS2	S	903	12 342	75	
		319.	CS2	S	110	16 314	81	
		324.	PS2		126		77	
		329.	CS2	S	904	12 328	80	
		336.	CS2	S	090	17 967	72	
		342.	CS2	S	068	18 934	73	
		348.	PS2				75	
		352.	PS2				50	shear fabric - well healed
		358.	CS2	Z	088	09 145	71	
		365.	CS2	Z	085	05 175	81	
		370.	CS2	S	976	05 958	86	
		376.	CS2	S	070	17 931	83	
		383.	CS2	Z		24 175	69	
		386.	CS2	S	165	15 350	73	
		392.	CS2	Z	050	11 230	83	
		402.	CS2	S		19 910	74	
		405.	CS2	Z	018	21 211	75	
		412.	PS2		010		77	CS2 Cache
		418.	PS2		045		71	

DDH 90Y-05 (2 8)

CURRAGH RESOURCES INC.
Structural Log

Date: Dec '90 Logged By: J. Sheehy

From	To	Feature	Sym	Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
10 14	16 20	22 24	26	28 32	34 38	40 44	
	425.	CS2	S	008	08 343	81	
	429.	CS2	S	005	06 338	84	
	433.	CS2	S	937	07 020	72	
438.	461.						Dyke contacts // S_2
	463	PS2				70	
	470	CS2	Z		26 240	80	
		CS2	Z	085	30 185	81	
	488.	CS2	S	088	30 005	76	
	493.	CS2	S	043	18 935	73	
	490.	CS2	Z		22 112	84	
	498.	CS2	S	931	12 052	80	
	502.	CS2	S	910	08 350	64	
	509.	PS2				72	Contact S_2
	514.	CS2	S		27 020	57	
	518.						Fold, A.P // CA
	519.						Bundy 40° TCA
	52H.						Bundy // C.A.
	530.						Bund. 65° TCA
	532.						Bundy @ 47° TCA
	536.	PS2				82	
	543	PS2				80	
	547.	PS2		068		58	
	552.	PS2				64	
	560	CS2	S	150	12 323	77	
	563.	PS2				67	
	571.	CS2	S		20 333	65	
	574.	PS2				68	
	580	PS2				67	
	589	PS2		910		72	
	596.	CS2	S	156	12 090	72	
	597.	PS2		147		57	
	602.	CS2	S		15 305	68	
	606.		C		26 345	69	CONTACT WITH DYKE
	608	PS2				68	SAY shear f.d.
	618.						DYKE CONTACT - irregular 37
	619.						" " 44

DDH 91DY-05 (2 / 8)

CURRAGH RESOURCES INC.
Structural Log

Date: JAN'91 Logged By: F. Scott

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	
		620.						DYKE CONTACT 28°
		621.						DYKE Contact 45°
	621.3	633.						Calcite well healed shear fabric
		633.						DYKE UPPER CONTACT 45°
	633.	657.						MSSV - DYKE
								End of hole

C.R.I. 1987 E – 4

PROJECT _____ DRILLHOLE NO. 90DY05 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE NQ E _____ PAGE 76 of __

LOGGED J. Sweetman QLS. INCLINATION _____ ELEVATION _____

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY LENGTH	CORE RECOVERY %	RQD LENGTH	RQD %	HARDNESS	DEGREE OF BREAKAGE CATEGORY	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.	COMMENTS
9.1																	CASING
11.6		1.4		0				6	E							27	"
12.3		0.7		0				6	E/F							32	
14.8		2.3		0.1				7	F							49	
15.6		0.6		0				6	F							27	minor gouge <1cm
16.2		1.6		0.35				9	F							11	
18.0		1.8		1.0				10	E/F							21	
20.1		2.1		1.65				10	F							40	
21.0		0.9		0				9	F							17	
22.4		1.4		0.1				7	F							26	
23.0		0.5		0.2				6	F							10	
24.4		1.4		0.1				7	F							36	
25.0		0.5		0				6	F							22	
25.8		0.8		0				6	F							27	
27.1		1.3		0				6	F							38	Sporadic gouge <0.5cm
28.2		1.1		0.3				6	F							23	
29.6		1.4		0.2				7	F							29	
30.9		1.3		0.55				10	F							19	Crushed below 30.7
31.2		0.25		0				5	E							~15	Crushed, minor oxidation
33.2		1.9		0.35				7	D							25	locally crushed, mod oxidized
35.2		1.6		0.5				9	E							27	mod oxidation along Sa
36.3		1.1		0.2				9	F							18	Very local oxidation along Sa
38.7		2.4		0.9				9	F							34	rare wk to mod oxidation of Sa
41.8		3.1		1.3				9	E/F							43	Very rare <1cm gouge
45.0		3.2		1.95				11	F							32	
48.2		3.2		2.0				10	F							42	very rare <1cm gouge
51.4		3.1		1.85				11	F							38	
54.6		3.2		2.0				10	F							37	
57.3		2.8		1.3				10	F								

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 90DY05 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE NQ E _____ PAGE 27 of __

LOGGER J. Scantlebury INCLINATION _____ ELEVATION _____

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VANCOUVER CALGARY

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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.	
60.1		2.8		0.55				7	F							49	loadly strongly broken
101.6		1.5		0.25				11	E							25	" " "
64.8		3.2		2.0				10	F							37	
68.0		3.2		1.55				7	E							47	
71.2		3.2		2.0				11	E/F							41	
74.4		3.2		1.2				7	D							43	
77.6		3.2		1.7				10	E/F							34	
80.6		3.0		0.65				6	F							53	
82.3		1.7		0				6	F							46	crushed & gouged @ 81.8 - 82.1
85.5		3.2		2.0				10	F							39	
88.1		2.6		1.8				11	F							24	
91.1		2.5		0.8				9	F							44	strongly broken below 90.8
91.8		0.3		0				4	F							N/A	crushed and strongly broken
93.9		2.1		1.05				11	F							30	strongly broken below 93.5
97.2		2.9		1.45				10	F							38	rare gouge & strongly bkn zones
100.3		3.1		2.1				11	F							23	
103.3		3.0		2.7				12	F							18	
106.4		3.1		2.65				11	F							20	
109.4		3.0		2.3				11	F							22	
112.5		3.1		2.25				11	F							21	
115.5		3.0		1.8				10	F							30	
117.4		1.9		1.1				10	F							19	
120.6		3.2		2.2				11	F							31	
123.8		3.2		2.6				12	F							21	
127.1		3.3		1.75				10	F							37	
130.3		3.2		1.9				11	F							32	
133.5		3.2		2.3				11	F							22	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 90DY-05 COORDINATES: N _____ DATE Nov 1990

LOCATION _____ HOLE SIZE NQ E _____ PAGE 78 of _

LOGGER J. Beckett INCLINATION _____ ELEVATION _____

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VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

3

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY LENGTH	CORE RECOVERY %	RQD LENGTH	RQD %	HARDNESS	DEGREE OF BREAKAGE CATEGORY	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.	COMMENTS
136.9		3.4		1.95				10	F							35	
139.9		2.9		2.3				11	F							21	
143.0		3.1		1.65				10	F							31	
146.0		3.0		2.0				10	F							20	
149.1		3.1		2.05				11	F							24	
152.1		3.0		2.5				12	F							16	
155.1		1.9*		0.65				6	F							59	generally strongly bkn / crushed
158.2		3.1		1.2				7	F							38	
161.2		3.0		1.35				6	F							37	bimodal blocky: b of 10
164.3		3.1		2.55				11	F							17	
167.0		2.7		2.3				11	F							19	
168.3		1.3		0.1				4	F							18	Generally grouped blocky rock
169.5		1.1		0				5	F							23	strongly bkn minor gouge
170.1		0.6		0				4	F							15	gouge / strgly bkn
172.5		2.4		0.75				9	F							29	gouge above 171.65
175.9		3.4		2.4				11	F							21	
179.1		3.2		2.9				11	F							23	
182.3		3.2		2.9				13	F							16	
185.3		3.0		2.5				12	F							20	
188.5		3.2		3.0				12	F							21	
191.7		3.2		2.75				11	F							22	
194.8		3.1		2.6				11	F							23	
197.8		3.0		2.85				12	F							17	
200.9		3.1		2.6				11	F							18	
203.9		3.0		2.85				11	F							21	
207.0		3.1		2.9				11	F							19	
210.0		3.0		3.0				13	F							10	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 90DY-05 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE NQ E _____ PAGE 4 of _

LOGGER J. Zbeetnoff INCLINATION _____ ELEVATION _____

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4

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.	
213.1		3.1		3.0				13	F							14	
216.1		3.0		2.7				11								21	
219.2		3.1		2.7				14								17	
222.2		3.0		2.4				12								24	locally mod. broken
225.3		3.1		2.0				12								24	locally mod broken
228.3		3.0		2.8				12								18	
231.3		3.0		2.9				13								15	
234.4		3.1		2.7				12								22	
237.4		3.0		1.85				11								35	locally mod-strgly broken
240.5		3.1		2.0				11								33	
[illegible]5		3.0		2.5				12								23	
246.6		3.1		2.1				10								28	
249.6		3.0		1.9				10								31	
252.7		3.1		1.75				9								34	
255.7		3.0		2.05				11								31	
258.8		3.1		2.9			[illegible]									15	
261.8		3.0		2.5				11								20	locally mod broken
264.9		3.1		2.4				12								17	
267.9		3.0		2.3				11								23	
271.0		3.1		2.3				11								22	
274.0		3.0		2.4				11								24	
277.1		3.1		2.2				10								29	
280.1		3.0		2.0				10								37	
283.2		3.1		2.5				11								24	
286.2		3.0		2.4				10								24	
289.3		3.1		2.4				11								21	
292.3		3.0		2.2				10	F							27	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 90DY-05 COORDINATES: N _____ DATE Nov '90

LOCATION _____ HOLE SIZE NQ E _____ PAGE 30 of _____

LOGGER J. Sexsmith INCLINATION _____ ELEVATION _____

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VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

5

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.	
295.4		3.1		2.8				12	F							19	
298.4		3.0		2.7				10								28	
301.5		3.1		2.8				12								20	
304.5		3.0		2.2				11								25	
307.5		3.0		1.65				11								37	strongly broken below 306.8
310.6		3.1		2.0				10								58	moderately broken above 308.1
313.6		3.0		1.7				9								41	
316.7		3.1		0.9				7								60	
319.7		3.0		1.4				9								47	strongly broken with gouge above 317.0
322.8		3.1		0.15				7								61	
325.8		3.0		0.5				6								43	v. stgly broken with gouge @ 323.4 - 324.8
328.9		3.1		0.9				9								51	v. strongly broken above 326.7
331.9		3.0		2.7				13								13	
335.0		3.1		2.0				12								19	
338.0		3.0		2.65				12								17	
341.1		3.1		2.8				13								15	
344.1		3.0		2.7				12								19	
347.2		3.1		2.3				11								20	locally mod-stgly broken
350.2		3.0		2.6				11								25	
353.3		3.1		1.9				11								30	
356.3		3.0		2.9				13								12	
359.4		3.1		1.5				11								34	locally strongly broken
362.4		3.0		2.1				11								26	
365.5		3.1		2.75				12								16	
368.5		3.0		2.7				13								15	
371.6		3.1		3.1				13								16	
374.6		3.0		2.9				13	↓							17	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. QDV-05 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE NQ E _____ PAGE 81 of __

LOGGER J. Beckett INCLINATION _____ ELEVATION _____

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

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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.	
377.7		3.1		2.6				11	F							21	
380.7		3.0		2.8				14								12	
383.7		3.0		2.1				11								31	strongly broken below 382.8
386.8		3.11		2.5				10								30	
389.8		3.0		2.6				12								18	locally mod broken
392.9		3.1		2.0				10								32	
396.0		3.11		2.9				13								12	
399.0		3.07		2.8				12								19	
402.0		3.0		2.6				11								22	
405.1		2.1		2.4				11								23	
408.1		3.0		2.45				11								20	
411.2		3.1		1.3				7								38	strongly broken below 409.2
413.9		2.7		0.8				6								42	strongly broken above 413.1
415.4		1.7		0.7				9								24	strongly broken above 414.4
418.6		3.2		1.55				11								25	
422.0		3.4		1.9				12								15	
425.0		3.0		2.0				12								27	
428.4		3.4		2.35				10								33	
431.6		3.2		2.55				11								30	
434.8		3.2		2.6				12								21	
438.0		3.2		1.95				10								34	2cm gouge at dyke contact
441.2		3.2		1.9				11								16	
444.4		3.2		2.9				13								13	
447.6		3.2		3.1				13								10	
450.8		3.2		3.2				14								6	
453.8		3.0		3.0				14								4	
456.9		3.1		3.1				14								4	

Fig. 1. Typical rock mechanics core log.

PROJECT O | DRILLHOLE NO. 9004-05 | COORDINATES: N | DATE 19
LOCATION | HOLE SIZE NQ | E | PAGE 82 of
LOGGER J. Steetn H | INCLINATION | ELEVATION

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PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY LENGTH	CORE RECOVERY %	RQD LENGTH	RQD %	HARDNESS	DEGREE OF BREAKAGE CATEGORY	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.	COMMENTS
459.9		3.0		3.0				14	F						9		
463.0		3.1		1.5				6							28		strongly broken below 461.2 ± 90
465.9		2.9		0.6				6							44		
469.1		3.0		0.7				6							47		strongly broken, locally crushed
472.1		3.0		1.6				10							43		locally only moderately broken
475.2		3.1		1.3				6							50		
478.2		3.0		2.1				10							24		
481.3		3.1		0.7				7							50		
484.3		3.0		0.5				6							57		crushed @ 483.9 - 484.2
487.4		3.1		0.45				6							71		
488.3		0.9		0				6							24		
491.6		3.3		0.6				6							66		locally v. strongly broken
494.8		3.2		1.65				11							46		v. strongly broken above 492.6
498.2		3.4		1.2				7							54		rarely slightly broken
500.0		1.8		0				6							42		Crushed & mixed gouge @ 499 - 499.
502.6		2.5		1.25				10							30		locally strongly broken
505.7		3.0		2.55				14							13		
508.7		3.0		2.7				13							13		
511.8		3.1		1.6				13							31		strongly broken @ 509.2 - 510.3
514.8		3.0		2.4				11							29		
517.9		3.1		2.1				11							35		
520.9		3.0		1.95				11							19		
524.0		3.1		2.0				10							31		
527.0		3.0		2.7				12							18		
530.1		3.1		2.9				11							20		
533.1		3.0		2.35				11							21		
536.1		3.0		2.75				11							21		

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 90DY-05 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE _____ E _____ PAGE 83 of _____

LOGGER S. Zhu INCLINATION _____ ELEVATION _____ 8

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY LENGTH	CORE RECOVERY %	RQD LENGTH	RQD %	HARDNESS	DEGREE OF BREAKAGE CATEGORY	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.	COMMENTS
539.2		3.1		1.7				9	F							39	
542.2		3.1		1.0				8	F							46	Clay-coated fracture at 0120° at 539.6
545.3		3.0		1.0				11	F							40	Blocky core at 543.4-543.6.
548.3		3.0		2.3				12	F							17	
550.6		2.4		0.7				9	F							55	Friable broken core at 548.5-548.8, Blocky at 549.0
551.4		0.7		0				7	F							20	Blocky core with clayey gouge at 550.8-551.
554.4		3.0		1.9				11	F							28	
557.5		3.1		1.0				8	F							42	Blocky core at 555.1-555.3, 555.7-
558.1		0.6		0				6	F							23	Blocky core throughout.
559.0		0.8		0.2				9	F							18	Blocky core at 559.0-559.2, 559.4-559
559.6		0.6		0.4				11	F							5	
560.5		1.0		0.5				10	F							9	
563.6		3.0		2.0				12	F							28	Blocky core at 563.3-563.4.
566.6		2.9		1.8				11	F							26	Blocky core at 536.7-536.8.
569.7		3.0		1.9				10	F							31	Blocky core at 567.3-567.6, 5678
572.7		3.0		2.2				11	F							23	Blocky core at 572.4-572.6.
575.8		3.1		1.5				12	F							29	Blocky core at 574.2-574.3.
578.8		2.9		2.5				12	F							19	Blocky core at 578.2-578.4.
581.9		2.9		2.8				14	F							9	
584.9		3.1		2.3				13	F							23	Blocky core at 584.7-584.8.
587.8		2.8		1.0				9	F							39	Blocky core at 585.1-585.4, 587
591.0		3.1		1.9				10	F							37	Blocky core at 590.5-591.0, at 587.5-5
594.1		2.9		0.7				11	F							56	Soft-chloritic-blocky at 591.0-591.2
597.1		2.9		2.3				11	F							18	Blocky core at 591.8-592.0.
600.2		3.0		2.2				13	F							16	
603.2		3.1		1.9				11	F							28	
606.2		3.0		2.0				10	F							22	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 90-DY-05 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGER JZ INCLINATION _____ ELEVATION _____ 84 & 84

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.	
609.3		3.0		2.1				12	F						20		
611.7		2.4		1.1				9							22		
614.9		3.2		3.1				14							5		
618.1		3.1		2.7				11							17		
621.3		3.1		2.2				13							18		minor crushed band 20cm
624.5		3.1		1.8				12							21		crushed and gouge @ 623.1-623.7
627.6		3.0		1.5				11							14		crushed and gouged @ 625.9-626
630.6		3.1		1.9				11							18		locally crushed & gouged
633.7		3.2		2.5				13							11		
636.7		3.1		2.3				11							15		
639.8		3.0		2.8				14							11		
641.0		1.1		0.85				11							5		
641.6		0.85		0.5				10							5		
642.8		1.3		0.7				9							10		
645.9		3.0		1.8				10							24		
647.4		1.5		0.6				11							11		
648.6		1.3		0.3				9							18		locally strongly fractured
651.1		2.4		1.6				10							22		cumulatively strongly fractured
654.4		2.6		1.4				11							21		
656.8		2.8		1.7				12							24		
657.8		0.8		0.3				9							10		
EOH																	

Fig. 1. Typical rock mechanics core log.

DESCRIPTION : TOP OF INTERVAL X-Y-Z CO-ORD'S FOR 1990 & 1991 DY ASSAYS

File: ASSAYYYZ.WK1

HOLE-ID	FROM	TO	INT	SAMPLE#	NORTHING	EASTING	ELEV.	Pb+Zn
90DY05	515.2	516.7	0.5	65116	901131.7	597776.6	501.68	1.4
90DY05	516.7	517.5	0.8	65117	901131.6	597776.6	501.18	11.77
90DY05	517.5	518.3	0.8	65118	901131.4	597776.6	500.38	13.68
90DY05	518.3	519.1	0.8	65119	901131.4	597776.5	499.59	12.33
90DY05	519.1	519.7	0.6	65120	901131.5	597776.4	498.79	8.76
90DY05	519.7	520.4	0.7	65121	901131.5	597776.4	498.19	2.32
90DY05	520.4	521.1	0.7	65122	901131.6	597776.4	497.5	16.42
90DY05	521.1	521.9	0.7	65123	901131.6	597776.3	496.8	13.94
90DY05	521.8	523.2	1.4	65124	901131.6	597776.3	496.1	14.37
90DY05	523.2	524.6	1.4	65125	901131.6	597776.2	494.71	9.71
90DY05	524.6	525.2	0.6	65126	901131.6	597776.1	493.31	8.36
90DY05	525.2	526.1	0.9	65127	901131.9	597776	492.71	25.5
90DY05	526.1	526.3	1.2	65128	901131.9	597775.9	491.82	12.23
90DY05	526.3	527.4	1.1	65129	901131.9	597775.9	491.62	17.43
90DY05	527.4	528.6	1.2	65130	901131.9	597775.9	490.52	21.03
90DY05	528.6	529.1	0.5	65131	901132.1	597775.8	489.33	16.87
90DY05	529.1	530.2	1.1	65132	901131.1	597775.8	488.83	19.31
90DY05	530.2	530.9	0.7	65133	901131.1	597775.7	487.73	14.39
90DY05	530.9	531.9	1	65134	901132.2	597775.6	487.04	21.97
90DY05	531.9	532.6	0.7	65135	901131.1	597775.6	486.04	27
90DY05	532.6	533	1.4	65136	901131.1	597775.6	485.34	17.5
90DY05	533	533.6	1.4	65137	901131.1	597775.5	484.94	21.07
90DY05	533.6	534.6	1	65138	901131.3	597775.5	484.33	18.24

516.7 - 534.6
17.9 m @ 15.3% Pb+Zn

72-
75
78

DDH 90AY-05 CURRAGH RESOURCES INC. Page ____ of ____

Logged by J. Sherlock

ASSAY LOG (SAMPLER'S COPY) Date Nov '90 Sampled by J. Sherlock

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
							0-516.2 - WASTE
	516.	516.7	65116	0.	1		
	516.7	517.5	117	0.	1		
	517.5	518.2	118	0.	1		
	518.2	519.	119	0.	1		
	519.	519.7	120	0.	1		
	519.7	520.4	121	0.	1		
	520.4	521.	122	0.	1		
	521.	521.7	123	0.	1		
	521.7	523.2	124	1.5	1		
	523.2	524.6	125	1.4	1		
	524.6	525.3	126	0.	1		
	525.3	526.	127	0.	1		
	526.	526.7	128	0.	1		
	526.7	527.5	129	1.	1		
	527.5	528.2	130	1.	1		
	528.2	529.	131	0.	1		
	529.	530.	132	1.	1		
	530.	530.7	133	0.	1		
	530.7	531.4	134	1.	1		
	531.4	532.	135	0.	1		
	532.6	533.0	136	0.4	1		
	533.0	533.6	137	0.	1		
	533.6	534.6	138	1.	1		
							534.6 - EOH WASTE

COMPLETED

SPERRY-SUN DRILLING SERVICES

CURRAGH RESOURCES INC.
BODY-05

1990 11 07
CX-LB-00602

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
0.00	89.43	319.50	0.00	0.00	0.00	0.00	0.00
50.00	89.63	231.80	50.00	0.09 N	0.29 W	0.29	1.33
100.00	88.73	265.97	99.99	0.05 S	0.96 W	0.76	1.97
150.00	88.46	255.15	149.98	0.26 S	2.16 W	1.61	0.75
200.00	88.05	264.34	199.96	0.51 S	3.65 W	2.68	1.00
250.00	88.00	265.57	249.93	0.67 S	5.37 W	4.00	0.13
300.00	88.21	267.27	299.90	0.77 S	7.02 W	5.28	0.45
350.00	88.00	266.37	349.87	0.86 S	8.67 W	6.57	0.44
400.00	88.00	274.52	399.84	0.85 S	10.41 W	8.00	0.57
450.00	87.83	270.64	449.81	0.77 S	12.22 W	9.52	0.44
500.00	87.66	275.75	499.77	0.66 S	14.18 W	11.19	0.52
550.00	87.50	270.83	549.72	0.54 S	16.28 W	12.97	0.53
600.00	87.50	273.89	599.68	0.45 S	18.46 W	14.80	0.27
650.00	87.31	270.94	649.63	0.36 S	20.72 W	16.69	0.45
700.00	87.21	271.94	699.57	0.30 S	23.10 W	18.67	0.22
750.00	87.20	274.97	749.51	0.15 S	25.53 W	20.74	0.30
800.00	87.20	270.00	799.45	0.04 S	27.97 W	22.79	0.49
850.00	87.05	284.15	849.39	0.27 N	30.44 W	24.98	1.45
900.00	86.85	287.80	899.32	1.01 N	32.99 W	27.49	0.56
950.00	86.66	290.58	949.24	1.94 N	35.66 W	30.21	0.48
1000.00	86.61	292.43	999.15	3.01 N	38.39 W	33.05	0.24
1050.00	86.56	292.63	1049.06	4.15 N	41.13 W	35.95	0.10
1100.00	86.38	293.82	1098.97	5.36 N	43.96 W	38.96	0.40
1150.00	86.36	295.03	1148.87	6.67 N	46.84 W	42.06	0.16
1200.00	86.31	298.25	1198.77	8.10 N	49.69 W	45.21	0.42
1250.00	86.16	299.92	1248.66	9.69 N	52.55 W	48.47	0.37
1300.00	85.86	302.82	1298.54	11.50 N	55.51 W	51.93	0.72
1350.00	85.33	307.97	1348.39	13.73 N	58.63 W	55.77	1.33
1400.00	85.13	309.08	1398.22	16.32 N	61.88 W	59.91	0.44
1450.00	85.03	311.20	1448.03	19.08 N	65.15 W	64.18	0.41
1500.00	85.10	310.30	1497.85	21.89 N	68.41 W	68.47	0.20
1550.00	85.11	309.40	1547.67	24.62 N	71.68 W	72.72	0.16
1600.00	85.13	308.51	1597.49	27.29 N	74.99 W	76.96	0.15
1650.00	85.00	309.60	1647.30	30.00 N	78.33 W	81.25	0.33
1700.00	84.95	311.03	1697.11	32.84 N	81.67 W	85.61	0.27
1750.00	84.95	311.10	1746.91	35.73 N	84.98 W	89.99	0.01
1800.00	83.10	317.28	1796.64	39.38 N	88.68 W	95.12	3.91
1850.00	82.28	325.38	1846.24	44.35 N	92.63 W	101.21	2.63
1900.00	82.15	329.42	1895.78	50.05 N	96.27 W	107.48	1.13
1950.00	82.13	330.44	1945.31	55.97 N	99.69 W	113.70	0.28

SPERRY-SUN DRILLING SERVICES

CURRAGH RESOURCES INC.
90DY-05

1990 11 07
CX-LB-00602

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
2000.00	82.03	332.45	1994.83	62.02 N	102.99 W	119.88	0.59
2050.00	82.18	333.44	2044.36	68.13 N	106.11 W	125.96	0.40
2100.00	82.08	333.40	2093.89	74.25 N	109.17 W	132.00	0.20
2140.00	82.08	333.40	2133.50	79.18 N	111.64 W	136.87	0.00

THE DOGLEG SEVERITY IS IN DEGREES PER 100.00 FEET
THE VERTICAL SECTION WAS COMPUTED ALONG 305.35° (GRID)

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE DISPLACEMENT IS 136.87 FEET, IN THE DIRECTION OF 305.35° (GRID)

HOLE-ID	FROM	TO	UNIT	COMMENTS
90DY05	.0	9.1	11A	CASING
90DY05	9.1	12.0	5F60	(5C0) 75:25
90DY05	12.0	16.2	5B60	(5B0) 60:40
90DY05	16.2	18.5	5F0	
90DY05	18.5	28.1	5B0	
90DY05	28.1	29.1	5F0	
90DY05	29.1	30.6	5B6	
90DY05	30.6	32.9	5B60	(5F60:10Q) 60:20:20
90DY05	32.9	33.4	5B02	FAULT
90DY05	33.4	37.0	5B62	->5B602
90DY05	37.0	46.7	5B02	
90DY05	46.7	50.2	5B62	
90DY05	50.2	50.9	5B0	
90DY05	50.9	57.1	5B02	
90DY05	57.1	62.4	5B62	(10Q:5D0) 84:15:01
90DY05	62.4	65.4	5B0	
90DY05	65.4	69.2	5B04	OXIDIZED
90DY05	69.2	73.9	5B6	2(5D0:10Q) 60:30:10
90DY05	73.9	76.6	5D0	
90DY05	76.6	82.0	5B0	
90DY05	82.0	85.7	5B02	
90DY05	85.7	87.5	5D0	
90DY05	87.5	89.8	5B0	2(5D0:10Q) 80:10:10
90DY05	89.8	90.8	5B0	2
90DY05	90.8	94.6	5B2	
90DY05	94.6	131.8	5B0	
90DY05	131.8	135.8	5B602	
90DY05	135.8	148.1	5B02	
90DY05	148.1	152.3	5B0C	
90DY05	152.3	155.2	5B602	STRONGLY BROKEN
90DY05	155.2	166.0	5B62	(5D0) 99:01
90DY05	166.0	166.9	1DF*	[5D0(?)] 60:40
90DY05	166.9	171.1	5B6	* FAULT
90DY05	171.1	185.3	5B0	
90DY05	185.3	189.6	5B0	(5D0:5C0) 70:25)05
90DY05	189.6	198.3	5B0	
90DY05	198.3	202.6	5B0	(5D0) 90:10
90DY05	202.6	226.0	5B0	(5D0) 99:01
90DY05	226.0	228.5	5B0	(5D0) 85:15
90DY05	228.5	233.0	5B0	(&->5F0)
90DY05	233.0	237.5	5B0	(5D0) 80:20
90DY05	237.5	241.4	5B0	
90DY05	241.4	243.5	5B0*	
90DY05	243.5	245.6	5B02	
90DY05	245.6	246.4	5B02	(5D0) 80:20
90DY05	246.4	252.0	5B02	
90DY05	252.0	252.8	5C0	->5D0 (5B02) 70:30
90DY05	252.8	256.9	5B0	2
90DY05	256.9	262.2	5C0	&* (5B0: 5D0) 40:40:20
90DY05	262.2	268.0	5B2	(5D0) 95:05
90DY05	268.0	270.6	5D0	(5B02->5F0:5B2) 45:35:20
90DY05	270.6	284.3	5B0	
90DY05	284.3	300.7	5B0	(5B2:5D0) 90:09:01
90DY05	300.7	305.3	5B0	(5D0) 65:35
90DY05	305.3	307.2	5B20	(5D0) 90:10
90DY05	307.2	308.7	5B0	(5D0) 80:20
90DY05	308.7	323.4	5B0	&->5B02 (5B2) 95:05
90DY05	323.4	326.7	5B0	&FAULT (5B6) 75:25
90DY05	326.7	351.6	5B0	(5D0) 99:01
90DY05	351.6	354.3	5B0	HEALED SEAR (5D0) 90:10
90DY05	354.3	357.7	5B0	
90DY05	357.7	358.4	5B0	*$ FAULT
90DY05	358.4	367.9	5B0	(5D0:5B2) 97:02:01
90DY05	367.9	368.9	5B2	(5B0) 60:40
90DY05	368.9	370.0	5B0	
90DY05	370.0	375.2	5B20	(5B0:5B2) 50:35:15
90DY05	375.2	388.3	5B0	[5E0 (?)] 99:01
90DY05	388.3	388.9	5C0	
90DY05	388.9	391.1	5B0	->5F0 (5C0:5D0) 45:40:05
90DY05	391.1	397.7	5B0	71 ->5F0
90DY05	397.7	398.8	5B26	(5B0->5F0) 65:35
90DY05	398.8	401.6	5B0	(5E0) 98:02
90DY05	401.6	403.6	5B0	->5F0 (5B0:5D0) 65:25:10
90DY05	403.6	404.5	5B02	(5D0) 98:02
90DY05	404.5	406.0	5B0	->5F0 (5D0) 90:10
90DY05	406.0	409.9	5B20	
90DY05	409.9	412.6	5F0	->5B0 (5B0) 70:30
90DY05	412.6	414.1	5D0	(5F0) 90:10
90DY05	414.1	515.1	N/A	NOT LOGGED TO DATE
90DY05	515.1	515.4	5A0	(5B6(51:49
90DY05	515.4	516.2	4L0	
90DY05	516.2	516.7	4K0	
90DY05	516.7	517.5	4G0	(4E0) 75:25
90DY05	517.5	519.1	4E0	
90DY05	519.1	519.7	4K0	(4E0:4L0) 50:45:05
90DY05	519.7	520.4	4L0	(?) FAULT
90DY05	520.4	525.2	4G0	
90DY05	525.2	528.6	4G4	(4E0) 94:06
90DY05	528.6	529.1	4K4	
90DY05	529.1	531.9	4G4	
90DY05	531.9	532.6	4E0	(->4G0)