CURRAGH RESOURCES INC.

Page 1 of ____

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90 DY-08

Reference Fabric Orientation Diagram:

Project: DY DECLINE

Location: DY

Claim: _____

Terr.Plane Co-ords.: 6900359.0 N

597719.0 E

Grid Co-ords: _____

Elevation: 1005.5

All symmetry determinations looking

Total Depth: 642.2 m

_____ with _____ dipping

Inclination: -90 @ COLLAR

_____ with dip azimuth _____.

Purpose: TEST ROCK QUALITY ALONG TRACE OF DECLINE

Reason hole Terminated: REACHED SUFFICIENT DEPTH

Logged by: J. ZBELTNOFF

Date(s) Logged: _____

Drilling Contractor: E. CAIRON DD

Size	CORE From	To
CASING	0.0	13.1
NQ	13.1	642.2

Collar Cased and Capped: YES

Hole Cemented: _____ Steel down Hole: No

Assay Lab: NAL

Certificate No's: _____

Started: _____ Completed: _____

C.R.I. 1987 E - 1

SPERRY-SUN DRILLING SERVICES

CURRAGH RESOURCES INC.
BODY-08

1990 12 03
CX-LB-00673

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
0.00	0.17	76.75	0.00	0.00	0.00	0.00	0.00
50.00	0.12	293.48	50.00	0.04 N	0.02 E	0.04	0.54
100.00	0.17	288.76	100.00	0.08 N	0.09 W	0.08	0.10
150.00	0.50	320.02	150.00	0.27 N	0.30 W	0.27	0.74
200.00	0.70	332.24	200.00	0.71 N	0.58 W	0.70	0.47
250.00	0.83	344.05	249.99	1.33 N	0.83 W	1.32	0.41
300.00	1.00	341.56	299.99	2.09 N	1.06 W	2.08	0.34
350.00	1.38	14.24	349.97	3.09 N	1.05 W	3.08	1.53
400.00	1.83	9.96	399.96	4.46 N	0.77 W	4.46	0.93
450.00	2.23	7.71	449.92	6.22 N	0.50 W	6.21	0.82
500.00	2.32	8.03	499.88	8.18 N	0.23 W	8.18	0.17
550.00	2.57	11.33	549.84	10.28 N	0.14 E	10.28	0.57
600.00	2.50	16.23	599.79	12.43 N	0.66 E	12.43	0.45
650.00	2.50	18.82	649.74	14.50 N	1.32 E	14.51	0.23
700.00	2.53	8.72	699.69	16.63 N	1.84 E	16.64	0.89
750.00	2.72	13.59	749.64	18.87 N	2.28 E	18.89	0.58
800.00	2.82	1.99	799.58	21.25 N	2.60 E	21.27	1.13
850.00	3.07	7.36	849.52	23.81 N	2.82 E	23.83	0.74
00.00	3.27	7.22	899.44	26.55 N	3.17 E	26.57	0.40
950.00	3.57	8.14	949.35	29.50 N	3.57 E	29.53	0.61
1000.00	3.43	5.78	999.26	32.53 N	3.94 E	32.56	0.39
1050.00	3.87	3.68	1049.16	35.70 N	4.20 E	35.73	0.91
1100.00	4.40	1.59	1099.03	39.30 N	4.36 E	39.33	1.11
1150.00	4.83	2.52	1148.87	43.32 N	4.50 E	43.36	0.88
1200.00	4.95	0.46	1198.68	47.58 N	4.61 E	47.62	0.42
1250.00	5.08	0.41	1248.49	51.96 N	4.65 E	51.99	0.27
1300.00	5.62	357.39	1298.27	56.62 N	4.55 E	56.65	1.21
1350.00	6.58	353.30	1347.99	61.91 N	4.11 E	61.94	2.12
1400.00	6.67	352.26	1397.66	67.63 N	3.38 E	67.65	0.29
1450.00	6.73	352.21	1447.32	73.41 N	2.59 E	73.43	0.13
1500.00	6.75	351.14	1496.97	79.22 N	1.74 E	79.23	0.25
1550.00	7.00	348.12	1546.61	85.10 N	0.66 E	85.10	0.88

THE DOGLEG SEVERITY IS IN DEGREES PER 100.00 FEET
THE VERTICAL SECTION WAS COMPUTED ALONG 0.45° (TRUE)

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE DISPLACEMENT IS 85.10 FEET, IN THE DIRECTION OF 0.45° (TRUE)

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH _____ (2 – 8)

Date: _____ Logged By: _____

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 – 8	10 – 14	22 – 26	28 – 32	34 – 56
R			•	•	AT COLLAR
R			•	•	
R			•	•	
R			•	•

DDH CODY-08

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN '91 Logged By: F. Zbrednoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	0.0	13.1			11A	CASING: Casing left, no cement
	13.1	13.7			5B0	weakly oxidized Medium gray slightly rusty brown, moderately to slightly strongly calcareous phyllite is $CS_0 \Rightarrow PS_2$ foliated and weakly oxidized throughout. Unit is moderately broken along S_1 and recovery is good. Rock is slightly soft to moderately soft. Trace - 1% pyrite is scattered throughout. Upper contact has not been cored, lower contact is sharp and parallel S_2
	13.7	16.0			5B6	0 Medium gray very weakly calcareous to non-calcareous phyllite is PS_2 foliated and hosts 3% quartz calcite stringers and clots of variable orientation. Unit hosts 0-trace Pyrite. Oxidation is rare weak to moderate and limited to fracture planes cross cutting S_2. Rock is slightly hard moderately broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2

DDH CURRAGH RESOURCES INC. Page 4

Lithologic Log Date: Jan '91 Logged By: J. Scott

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	161.0	191.8			5B9	
						Medium gray, moderately to strongly calcareous phyllite is generally cS_2 foliated locally $cS_2 \Rightarrow PS_2$. Unit hosts 2-3% quartz calcite veins (1-2cm) wide, parallel S_2, trace-1% clotty Py and rare weakly oxidized intervals commonly 0.5-10cm wide. 18.2-18.4 is moderately to strongly broken and moderately oxidized throughout. Rock is slightly hard moderately broken, and recovery is good. Upper and lower contacts are sharp and parallel S_2
	191.8	261.6			5B6	(5B0) 95:05
						Medium gray non-calcareous to rarely very weakly calcareous phyllite is generally PS_2 foliated, rarely cS_2. Unit hosts 1-2% euhedral grains and wisps of Py. Below 21.5 unit contains 7% dm scale quartz calcite veins subparallel S_2. Gouge and crushed rock with extremely rare hematite (footwall contact only) at 20.9-21.3 Gouge and crushed zone is non-calcareous and non-dolomitic. Oxidation within interval is rare, weak, and limited to S_2 fractures. Rock is moderately soft, moderately broken and recovery is good. Upper and lower contacts are sharp and parallel S_2.
						5B0 bands are rare, moderately to strongly calcareous and vary from 1.0-10cm wide.

C.R.I. 1987 E-3A

DDH 1DDY-08

CURRAGH RESOURCES INC.

Lithologic Log

Page 5

Date: JAN '91 Logged By: T. Sweetnam

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	26.6	27.4			5C6	
						Medium to light green, slightly olive, non-calcareous rock is strongly PS_2 foliated. Igneous texture is very poorly preserved with 3-5% highly stretched mafic crystals throughout. Unit hosts 5-7% quartz-calcite stringers and clots of variable orientations. Rock is moderately hard & slightly broken. Upper and lower contacts are parallel S_2
	27.4	35.0			5B6	2 (10Q : 5B0) 85:10:05
						Medium to medium dark gray non-calcareous phyllite is generally PS_2 foliated and very slightly carbonaceous. S_2 surfaces to not tarnish fingers. Unit contains trace-1% wispy pyrite throughout. Interval hosts 10% quartz-calcite veins throughout although most is concentrated at 32.7 - 34.3 which contains 50-60% quartz veins from 10-70cm wide. Minor chloritic alteration occurs at margins and within clots of wall rock enclosed with quartz. 5B0 bands are typically 1-2cm wide rare strongly calcareous and scattered throughout. Rock is moderately soft, moderately broken, recovery is good throughout. Intervals contacts with 5B0 are parallel S_2 except where PS_2 dominates. Upper and lower contacts of interval are sharp and parallel S_2.

C.R.I. 1987 E-3A

DDH ODY-08

CURRAGH RESOURCES INC.
Lithologic Log

Page 6

Date: JAN '91 Logged By: J. Chestnut

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	35.0	35.6			5BO	
						Medium gray, strongly calcareous phyllite is generally PS_2 foliated and hosts trace to 1% pyrite wisps. Rock is slightly soft moderately to strongly broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2.
	35.6	37.6			5B6	2 (5BO) 97:03
						Medium to medium darkish gray non-calcareous phyllite is PS_2 foliated and hosts 1-2% clotty wisps of pyrite, 0-2% cm scale quartz-calcite veins. Unit is very slightly carbonaceous but does not tarnish fingers on S_2 surfaces. Interval contains 3% ≤1.0cm bands of strongly calcareous 5BO oriented parallel S_2. Rock is moderately soft moderately broken with good recovery. Upper and lower contacts are parallel S_2
	37.6	51.0			5BO	
						Medium gray, strongly to moderately calcareous phyllite is generally CS_2 foliated and contains trace wispy pyrite scattered sparingly throughout. Interval supports two weak fault zones, at 49.3-49.4: gouge with minor

DDH 90DY-08

CURRAGH RESOURCES INC.

Lithologic Log

Page 7

Date: JAN '91 Logged By: J. Scott

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						crushed rock, and at 49.6 - 50.4: strongly broken with 20cm of crushed rock and gouge at base of zone. Upper gouge zone is weakly calcareous, lower gouge/crushed zone is strongly calcareous. Trace very weak oxidation is associated with these faults. 5B0 interval contains 0 - 2% quartz - calcite clotts and veins <10cm. Rock is moderately soft generally moderately broken and competent good recovery. Upper and lower contacts are sharp and parallel S_2.
	51.0	52.6			5B6	
						Medium gray to slightly medium dark gray, noncalcareous phyllite is PS_2, foliated and hosts 1% stringy wisps of pyrite, and 5-7% calcite - quartz stringers and veinlets oriented parallel S_2, rarely cross-cutting S_2. Rock is moderately soft, moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	52.6	66.6			5B0	
						Medium gray strongly to moderately calcareous phyllite is commonly ES_2, foliated and hosts 1% fine grained clotts and wisps of pyrite. Interval contains 1-2% quartz - calcite stringers and clotts of variable orientation scattered throughout, below 64.5

C.R.I. 1987 E-3A

DDH 90DY-08

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN '91 Logged By: J-Z Scott

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						interval contains three dm scale quartz-calcite veins generally oriented parallel to subparallel S_0. Unit is moderately soft moderately broken with good recovery. Upper contact is sharp and parallel S_0. Lower contact is also sharp but parallel a slightly contorted S_2 - near vein quartz.
	66.6	68.4			5B6	5B6 (10a) 70:30 Medium to moderately dark gray phyllite is non-calcareous PS_2 foliated and hosts 30% quartz-calcite veins from 3.0 - 40.0 cm wide. Vein contacts are irregular but generally subparallel a moderately contorted S_0. Unit hosts 0 - trace Py.
	68.4	76.9			5B0	→ 5B06 Medium gray, weakly to locally moderately calcareous phyllite is commonly PS_2, rarely CS_2 foliated. Unit lacks typical bimodal gray colors of 5B0, interval is uniformly medium gray. Unit contains 3-5% 1 cm quartz-calcite veinlets at variable orientation, & 1% pyrite clots and wisps scattered throughout. Rock is

DDH 90DY-108

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: P. Sedgwick

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						moderately soft, moderately broken with good recovery. Upper contact is sharp and parallel S_2 lower contact is bound by an irregular quartz vein
	76.9	77.6			100*	(5B0) 60:40
						Two Barren white quartz veins with irregular contacts are located at the top and bottom of interval. 5B0 separating veins is strongly to moderately calcareous, slightly to moderately soft and PS_2 foliated.
	77.6	85.0			5B0	
						Medium gray moderately to strongly calcareous phyllite is PS_2 foliated, and hosts 5-7% quartz-calcite (cm scale) stringers limited to the portion above 80.3. 1-2% pyrite is scattered throughout. Rock is moderately to slightly soft with good recovery. Unit is generally moderately broken moderately to strongly broken along S_2 planes at 84.2 - 84.6. Upper and lower contacts are marked by irregular quartz veins.

DDH 10DY-08

CURRAGH RESOURCES INC.

Lithologic Log

Page 10

Date: JAN '91 Logged By: T. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	85.0	99.6			5BQ	(100*)
						Medium gray, moderately calcareous, rarely weakly calcareous in 5-10cm bands, phyllite is typically PS, foliated and hosts 15-20% dm (rarely cm) scale quartz calcite veins generally oriented subparallel to S_2. Chloritic alteration along veins is sporadic. Unit hosts 1-2% wisps of pyrite scattered throughout. Phyllite is moderately soft moderately broken with good recovery throughout. Upper and lower contacts are marked by irregular quartz veins ~~generally~~ oriented ~~par~~ sub parallel S_2
	99.6	107.4			5BQ	
						Medium gray, moderately calcareous phyllite is generally PS foliated and hosts 3-5% 1-10 mm quartz calcite stringers commonly parallel S_1 occassionally crosscutting S_1 and S_2. Unit contains 1-2% pyrite wisps and rare euhedral grains. Rock is slightly soft to slightly hard, moderately broken with good recovery throughout. Upper and lower contacts are marked by quartz veins subparallel S_2

C.R.I. 1987 E-3A

DDH 2 QDY-08 8

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN '91 Logged By: P. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	107.4	110.4			SBQ	(IQQ) 75:25 Medium gray, moderately to weakly calcareous phyllite is generally PS_2, foliated and hosts 25-30% dm quartz-calcite veins. Veins are parallel to subparallel to S_2. Chloritic alteration along narrow margins of veins is sporadic. Unit also hosts 1-2% clotty Py. Phyllite is moderately soft interval is moderately broken with good recovery. Upper and lower contacts are subparallel S_2.
	110.4	115.1			SBQ	Medium gray moderately locally weakly calcareous phyllite is PS_2 foliated and hosts 1-2% mm scale quartz-calcite stringers of random orientation. ~~Rock~~ Interval contains 1% clotty Pyrite throughout. Rock is slightly soft moderately broken with good recovery throughout. Upper contact is marked by quartz vein oriented subparallel S_2. Lower contact is sharp and parallel S_2

DDH 20DY-08

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN '91 Logged By: J. Sweetman

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	115.1	117.8			5B0	
						Medium gray strongly calcareous phyllite is cs foliated and hosts trace - 1% quartz calcite stringers and 1-2% clotty Pyrite. Rock is slightly hard slightly to moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	117.8	149.5			5B60	(10Q : 5B0) 90:07:03
						Medium to slightly medium dark gray phyllite is generally PS_2 foliated, locally cs foliated. Unit is generally very weakly to non-calcareous but does host 10% dm - dm scale quartz calcite veins. Cm scale quartz calcite veins are less common. Most veins are irregular and occasionally follow S_2. Unit hosts sporadic 5B0 bands 10 - 30cm wide but these are very rare. Pyrite is common and is noted slightly more coarse (2-3mm) than occurances found uphole. Pyrite is occasionally euhedral but more commonly clotty. Rock is moderately soft, moderately locally slightly broken. Recovery is good. Upper and lower contacts are sharp and parallel S_2.
						5B0 occurs at: 135.3 - 135.45, 142.0 - 142.1 and 143.9 - 144.2.

DDH 10DY-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	149.5	172.5			5BQ	
						Medium gray, moderately locally weakly calcareous phyllite is commonly PS_2 foliated with sporadic well developed CS_2. Unit hosts 1-2% Cotty Py, sporadically euhedral, and 1-2% dm scale quartz calcite veins and 2-3% cm scale quartz-calcite veins. Quartz injections are parallel to subparallel S_2. Rock is generally moderately broken, strongly broken and rarely crushed at 158.8 - 159.1 and 160.2 - 162.9. Strongly broken intervals are dominated by fractures parallel S_2, are moderately calcareous throughout and display no oxidation. Unit is slightly hard to very slightly soft. Recovery is good. Upper contact is sharp and parallel S_2. Lower contact is very irregular and marked by a very well healed breccia texture of lower unit.
	172.5	174.4			5BQ	*Well healed breccia
						Medium gray moderately calcareous phyllite contains a PS_2 fabric. PS_2 fabric is strongly overprinted by a well healed fragment supported breccia texture. Matrix of brecia is very calcareous. Breccia texture does contain a weak tendancy to trend 300°/32° relative S_2. Matrix also is associated with very fine grained pyrite dustings. Rock is hard but does scratch

DDH 90DY-08

CURRAGH RESOURCES INC.
Lithologic Log

Page 14

Date: JAN'91 Logged By: B. Zbetnall

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						with steel. Core is very slightly broken with good recovery. Upper and lower contacts are irregular due to breccia texture.
	174.4	176.6			580	
						Medium gray moderately calcareous phyllite is P_{S_2} foliated. P_{S_2} fabric is commonly & weakly disrupted by fine quartz-calcite veins and calcite stringers which often display similar texture to above brecciated unit. Unit is strongly broken below 175.5 with sporadic gouge trending 260/12°. Gouge is very weakly calcareous. Slip planes hosting gouge contort S_2 very slightly. Gouge bands are <2.0 cm wide. Rock is slightly to moderately soft. Unit is moderately broken above 175.5, strongly broken with minor gouge below 175.5. Recovery is good. Upper contact is irregular. Lower contact is sharp, marked by a very well healed breccia band 2 cm wide. S_2 is highly contorted - no angular relationship available. Breccia band is highly irregular, and in a general sense at 190°/37° relative gouge in strike and CA. in dip.
	176.6					

C.R.I. 1987 E-3A

DDH JUDY-08 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN '91 Logged By: F. Ebert

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	176.6	179.1			5B64	$ (5C6$ → 5D6$) 60:40
						Light and medium gray phyllite is weakly dolomitic, locally slightly bleached and PS_2 foliated throughout. Phyllite hosts 2-3% calcite fracture fillings 1-2mm of variable orientation. Interval host two bands of an olive green strongly PS_2 foliated weakly dolomitic units at 176.6 - 177.1 and 178.6 - 179.1. These two units contain a possible very weakly preserved isoclinal texture (5C6$ → 5D6$). Very open fold occurs at 176.8.
						Internal contact at 177.1 is oriented ~~215~~ 215/55° relative S_2. Upper contact of interval is ~~sharp~~ sharp, ~~and~~ no measurement relative S_2 is available - S_2 is contorted. All other contacts are sharp and parallel S_2.
						Phyllite is moderately soft. Olive green unit is slightly soft. Interval is slightly to moderately broken with good recovery.
	179.6	186.0			5B9	Disrupted
						Medium gray phyllite is moderately locally strongly calcareous and is PS_2 foliated. PS_2 fabric is commonly disrupted by narrow (<1.0cm) gouge bands and clotty occurances of breccia texture. Matrix in breccia is calcareous. Gouge bands (slip faces)

DDH 10DY-08

CURRAGH RESOURCES INC.
Lithologic Log

Page 16

Date: JAN '91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						are typically oriented 115° and 290° relative S_2. Dips are generally 25-40° to core axis. Unit hosts 7% 2-5cm quartz-calcite veins generally oriented subparallel S_2. Rock is moderately soft, moderately broken with good recovery. Upper contact is sharp and parallel S_2. Lower contact is fault bound and oriented 030/20° to S_2.
	186.0	189.5			5B6S	locally crushed and faulted. Medium gray, weakly dolomitic phyllite; contains a PS_2 fabric overprinted and slightly contorted by narrow gouge filled slips <2cm wide. Unit hosts 10-12% quartz-dolomite ± calcite veins generally oriented parallel S_2. FAULT slips are open and are of variable orientation. Unit is crushed above 186.8. Rock is moderately soft locally moderately to very soft. Unit is generally moderately broken. Upper contact is fault bound and trends 030/20° relative S_2. Lower contact is broken. Recovery is good throughout.

C.R.I. 1987 E-3A

DDH NY90-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 90 Logged By: J. Zbeckoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	189.5	197.0			5B0	FAULT / HEALED SHEAR *
						Medium gray, moderately calcareous phyllite contains a strong shear fabric. Shear fabric is at low angles to core axis generally well healed and where abscent a PS_2 fabric persists. Locally shear is open and filled with 1.0-10cm of gouge. Gouge is weakly to moderately calcareous. A slight content of carbonaceous matter at 193.2-193.5 gives shear fabric a medium ~~to~~ dark gray color. Moderate gouge occurs at 193.8-194.5. Rock in general is slightly soft, rarely slightly hard, moderately broken with good recovery. Upper contact is broken. Lower contact is represented a gradation loss of shear fabric being replaced by a weak breccia texture. Contact is irregular.
	197.0	204.9			5B6	±0
						Medium gray, non-calcareous locally very weakly calcareous over 1-2cm bands phyllite is PS_2 foliated and hosts 3-5% cm scale quartz-calcite veins generally parallel S_2. Unit also contains 2-3% calcite stringers of variable orientation, and trace-1% wispy and clotty Py. Rock is moderately to slightly soft, moderately broken with good recovery.

DDH QUDY-08

CURRAGH RESOURCES INC.

Lithologic Log

Page 18

Date: JAN '91 Logged By: J. Sectnall

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Upper contact is irregular with upper units brecciated texture. Lower contact is sharp and parallel S_2
	204.9	211.0			5B0	
						Medium gray moderately calcareous phyllite is PS_2 foliated and hosts 2% cm scale quartz calcite veins of variable orientation. Unit contains trace - 1% wispy and clotty Py. Rock is moderately to slightly silt. Core is slightly to moderately broken with good recovery throughout. Upper and lower contacts are parallel S_2.
	211.0	211.3			5C01	→ 5D01
						Medium Olive green strongly calcareous unit is PS_2 foliated and hosts 25-30% quartz-calcite injection on the mm - cm scale parallel S_2. A possible igneous texture is very poorly preserved (5C0 → 5D0). Rock is very hard slightly broken with upper and lower contacts sharp and parallel S_2.

C.R.I. 1987 E-3A

DDH 90DY-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
L	211.3	238.3			5B0	Medium gray, moderately calcareous phyllite is generally CS_2 foliated and hosts 5-7% dm scale quartz-calcite veins generally oriented subparallel S_2. Unit contains 1-2% clotty Py and sporadic chloritic alteration along quartz veins. Interval supports 10cm gouge bands at 216.9 and 221.6. Upper gouge band is very weakly calcareous, lower gouge band is strongly to moderately calcareous. Rock is moderately broken, slightly soft ~~and~~ with good recovery throughout. Upper and lower contacts are sharp and parallel S_2.
L	238.3	2400			5B06	Light to medium grey with buff-white laminae/bands following S_1/S_2. Weakly calcareous. PS_2 and CS_2 foliated. Silvery grey and ochre (limonite) fracture surfaces. Moderately soft. Trace disseminated pyrite. Very good core recovery, RQD. Gradational upper and lower contacts parallel S_2.
L	2400	2471			5B0	(10Q#) 90:10 Light to medium grey with buff-white laminae/bands following S_1/S_2. Moderately to strongly calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite. Very good core recovery. Good RQD. Clayey fault gouge at 243.3-243.5 at CA 35°. Gradational upper and lower

DDH 90DY-08 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Jan 22/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						contacts parallel S_2.
						White-buff quartz-calcite bands or concordant veins are strongly calcareous, hard contain wisps of olive-grey Mg-chlorite and have sharp contacts subparallel S_2 with other units.
L	2471	2491			5B06	(100#) 95:5
						Light to medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Weakly calcareous (not in matrix). CS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite. Good core recovery, RQD. Gradational upper and lower contacts parallel S_2.
						White-buff quartz-calcite bands and concordant veins are calcareous, hard, contain wisps of olive-grey Mg-chlorite ± black Fe-chlorite, and have sharp contacts with other 5B06 subparallel S_2.
L	2491	2515			5B0	(100#) 98:2
						Light to medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately to strongly calcareous. CS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite (<5mm) as euhedral cubes. Good core recovery. Fair RQD. Gradational upper and lower contacts parallel S_2.
						White-buff quartz-calcite bands or concordant veins are moderately calcareous, hard and have sharp contacts with 5B0.
L	2515	2541			5B02	(100#) 95:5

DDH 90DY-08
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Jan. 22/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Medium to dark grey with buff/white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous, CS_2 foliated, Silvery to dark grey fracture surfaces. Soft to moderately soft. Trace disseminated pyrite. Very good core recovery. Good RQD. Gradational upper contact parallel S_2. Sharp lower fault contact with clayey gouge at CA 40°. Slightly carbonaceous.
						White-buff quartz-calcite bands or concordant veins subparalling S_2 are moderately calcareous, hard, contain black Fe-chlorite and have sharp contacts with 5BØ2.
L	2541	2546			10Q#	
						White-buff quartz-calcite band or concordant vein subparallel S_2. Moderately calcareous. Hard. Contains wisps of olive-grey Mg-chlorite. Very good core recovery. Good RQD. Sharp upper fault contact at CA 40°. Sharp lower contact at CA 40°.
L	2546	2652			5BØ	(10Q#) 85:15
						Light to medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately to strongly calcareous. PS_2 and CS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (<4mm). Very good core recovery. Fair to poor RQD. Blocky core; friable core at 263.8-264.5 and 264.6-265Ø. Sharp upper and lower contacts with 10Q# subparallel S_2.
						White-buff cream quartz-calcite ± dolomite bands or concordant veins subparallel S_2. Sub-unit is moderately calcareous, hard and has sharp contacts with 5BØ.
L	2652	2660			10Q#½	(5B62) 90:10

DDH 90DY-08

CURRAGH RESOURCES INC.

Lithologic Log

Date: Jan 22/91 Logged By: D. Hallwell

Code	From	To	Recov.	No.	Unit	Description
						White-buff. Strongly calcareous. Hard. Contains olive green-grey Mg-chlorite wisps. Sharp upper contact at CA 90°. Gradational lower contact with 5F01.
						Dark grey bands of non-calcareous carbonaceous phyllite. Moderately soft. Sharp contacts with 100#
L	266.0	267.1			5B01	(100#:5F01) 45:45:10
						Light grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately hard. Very good core recovery. Good RQD. Gradational upper and lower contacts parallel S_2.
						White-buff-cream quartz-calcite±dolomite bands or concordant veins subparallel S_2. Moderately calcareous. Hard. Contains wisps of olive-green-grey Mg-chlorite. Sharp contacts with 5B01, 5F01.
						Olive greenish grey subunit is weakly calcareous, PS_2 and CS_2 foliated, has olive green-grey fracture surfaces, and is moderately soft to soft. Sharp contacts with 100#'s.
L	267.1	267.8			5D61	
						Light olive green with white-buff bands, laminae following S_2. Non-calcareous. Hard. Very good core recovery. Fair RQD. Gradational upper and lower contacts, parallel S_2.
L	267.8	276.2			5B0	(5B02:100#) 65:30:05
						Light to medium grey with buff-white laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft.

DDH 90DV-08 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Jan 22/91 Logged By: D. Hallwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Trace disseminated pyrite as euhedral cubes and deformed cubes (<7 mm). Very good core recovery. Good to fair RQD. Blocky core at 272.0-273.1. Fairly sharp upper contact parallel S_2. Gradational lower contact parallel S_2. Medium to dark grey more carbonaceous sub-unit is calcareous, softer and has gradational contacts with 5B0. White-buff quartz-calcite bands or concordant veins parallel S_2 are moderately calcareous, hard and have sharp contacts with 5B0, 5B02 subparallel S_2.
L	27.62	28.40			5B02	(10Q#) 85:15 Dark to medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (<4mm) and dendritic forms following veinlets near quartz-calcite bands or concordant veins. Very good core recovery. Good RQD. Gradational upper and lower contacts parallel S_2. White-buff-yellowish bands or concordant veins subparallel S_2 contain quartz-calcite (are moderately calcareous), are hard, contain wisps of olive green-grey Mg-chlorite and blade Fe-chlorite and have sharp contacts with 5B02.
L	28.40	28.76			5B0	(10Q# : 5F0) 90:09:01 Light to medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately hard. Trace disseminated pyrite. Good core recovery. Fair RQD. Blocky core at 285.2-285.5, 287.3-288.4. Gradational upper contacts parallel S_2. Sharp lower contact subparallel S_1 at ~85° marked by quartz-calcite band(?).

DDH 90DV-08

CURRAGH RESOURCES INC.

Lithologic Log

Date: Jan. 22/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						White-buff-yellowish quartz-calcite bands or concordant veins subparallel S_2. Moderately calcareous. PS_2 foliated. Contain wisps of olive-green-grey Mg-chlorite. Hard. Sharp contacts with 5BØ, 5PØ.
						Olive greenish-grey chloritic phyllite sub-unit is calcareous, softer and has relatively sharp contacts parallel S_2 with 5BØ. (Sharp contacts with 100#).
L	287.6	288.4			5B.2	BROKEN CORE. FAULTED.
						Dark grey. Carbonaceous (organic trash, not graphite). Calcareous. Dark grey fracture surfaces. Soft. Fair core recovery. Poor RQD. Blocky to friable broken core throughout. Contains quartz-carbonate bands subparallel S_2. Clayey fault gauge at CA 50° at 287.8'. Sharp upper contact with quartz band (?) at CA 85°. Sharp lower contact at CA 70°.
L	288.4	303.8			5B.Ø	(5BØ 2:1ØØ#) 8Ø:15:5
						Light to medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes and deformed cubes (≤ 7mm).
						Good core recovery. Fair RQD. Sharp upper contact at CA 70°. Gradational lower contact parallel S_2. Blocky core at 297.2-297.6, 299.9-300.2, 301.2-301.8, 302.1-302.9.
						Medium to dark grey more carbonaceous sub-unit is calcareous, CS_2 and PS_2 foliated, moderately soft to soft, and have gradational contacts with 5BØ (Sharp contacts with 100#).
						White-buff quartz-calcite bands or concordant veins subparallel S_2 are calcareous, hard, contain wisps of chlorite and have sharp contacts with other units.

DDH 90DY-08 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Jan 22/91 Logged By: D. Hallwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	3038	3063			5B6	
						Light to medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Non-calcareous. CS_2 and PS_2 following S_2. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (≤5mm). Very good core recovery, RQD. Sharp upper contact with quartz-carbonate band (?). Sharp lower contact at CA 70°.
L	3063	3072			5B6	FAULTED. BROKEN CORE.
						Light to medium grey with carbonate-quartz laminae/bands following S_1/S_2. Non-calcareous. CS_2 and PS_2 foliated. Soft. Silvery grey fracture surfaces. Fair core recovery. Poor RQD. Blocky to friable broken core. Sharp upper and lower contacts parallel S_2.
L	3072	3075			5B6	
						Light to medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Non-calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Good core recovery. Fair RQD. Sharp upper and lower contacts at CA 70°.
L	3075	3085			5B6	FAULTED? BROKEN CORE.
						Light to medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Non-calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Soft. Fair core recovery, Poor RQD. Blocky to friable broken core. No gouge seen. Sharp upper and lower contacts parallel S_2

DDH 90DV-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: Jan 22/91 Logged By: D. Hall-well

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	3088	3110			5B0	(100#) 95:05
						Light to medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft to soft. Trace disseminated pyrite. Good core recovery, RQD. Minor clayey gouge at 3099. Sharp upper contact parallel S_2. Fairly sharp lower contact parallel S_2.
						White-buff quartz-calcite bands or concordant veins subparallel S_2 are calcareous, sharp, contain wisps of olive-green-grey Mg-chlorite and have sharp contacts with 5B0.
L	3110	3145			5C0	(100#) 98:02
						Medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous. PS_2 foliated. Moderately hard. Relict porphyritic igneous texture with white anhedral (leucocene?) phenocryst set in a f.g. aphanitic groundmass. Trace disseminated pyrite as euhedral cubes (≤7mm). Very good core recovery, RQD. Relatively sharp upper and lower contacts parallel S_2.
						White-buff quartz-calcite bands or concordant veins subparallel S_2 are calcareous, hard, contain wisps of olive-green-grey Mg-chlorite and black Fe-chlorite. Sharp contacts with 5C0.
L	3148	3154			5C17	
						Olive-green to medium grey. Weakly calcareous. PS_2 foliated. Olive green and silvery grey fracture surfaces. Hard and smooth (silicified). Relict porphyritic to ophitic igneous texture with white anhedral (leucocene?) and dark grey subhedral (amphibole, pyroxene?) phenocrysts set in a f.g. aphanitic groundmass. Chloritic bands. Very good core recovery, RQD. Sharp upper contact parallel S_2. Sharp lower contact at @ 30°.

DDH 90DY-08 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Jan 22/91 Logged By: D. Hallwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	3154	3157			5BØ	
						Light to medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous, CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Very good core recovery, RQD. Sharp upper contact at CA 30°. Sharp lower contact at CA 80° (parallel S_2).
L	3157	3182			5C17	
						Medium olive green, medium grey and white. Weakly calcareous, PS_2 and (lesser) CS_2 foliated. Olive green and silvery grey fracture surfaces. Moderately hard, smooth and leucocratic (silicified). Mgchlorite bands. Very good core recovery, RQD. Relict porphyritic to phaneritic igneous texture. Sharp upper and lower contacts at CA 80° (parallel S_2).
L	3182	3219			5CØ	(5C17) 65:35
						Medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Weakly to moderately calcareous, PS_2 and (lesser) CS_2 foliated. Moderately hard. Trace disseminated pyrite and (rarer) pyrrhotite. Relict porphyritic to phaneritic igneous texture. Very good core recovery, RQD. Sharp upper and lower contacts at CA 80° (parallel S_2).
						Olive greenish grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous, PS_2 and (lesser) CS_2 foliated. Olive green fracture surfaces. Hard, smooth and leucocratic (silicified). Relict igneous texture. Trace disseminated pyrite and (rare) pyrrhotite. Very good core recovery, RQD. Fairly sharp upper and lower contacts parallel S_2.

DDH 90DY-08

CURRAGH RESOURCES INC.

Lithologic Log

Date: ~~Jan 22/91~~ Logged By: D. Hallwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	3219	3244			5C71	BRECCIATED, HEALED AND CLAST-SUPPORTED.
						Light to medium olive-greenish grey with buff-white laminae/bands following S_2. Moderately calcareous. PS_2 foliated. Olive green to silvery grey fracture surfaces. Well-healed clast-supported brecciated texture. Moderately hard to hard and smooth (weakly silicified). Trace disseminated pyrrhotite (after pyrite) as euhedral cubic pseudomorphs of pyrite. Very good core recovery. RQD. Fairly sharp upper contact parallel S_2. Sharp lower contact at CA70°.
L	3244	3246			5BØ	
						Light to medium grey with buff-white laminae/bands following S_2. Calcareous. PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Very good core recovery, RQD. Sharp upper contact at CA70°. Sharp lower contact at CA80°.
L	3246	3273			5C71	&1(5CØ) 70:30 — HEALED CLAST-SUPPORTED BRECCIA
						Medium olive-greenish grey with buff-white carbonate-quartz laminae/bands following S_2. Moderately calcareous. PS_2 foliated. Olive green fracture surfaces. Moderately hard and smooth (weakly silicified). Relict porphyritic to phaneritic igneous texture. Well-healed clast-supported brecciated texture. Trace disseminated pyrrhotite (after pyrite) as euhedral subcubic pseudomorphs of pyrite and dendritic forms following carbonate-quartz veinlets. Very good core recovery. Good RQD. Sharp upper and lower contacts at CA80° (parallel S_2).
						Medium grey with buff-white carbonate-quartz laminae/bands following S_2. Moderately calcareous. PS_2 foliated. Silvery grey fracture surfaces. Moderately hard. Pyrrhotite-bearing. Gradational contacts with 5C71.

DDH 9ØDY-Ø8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Jan 22/91 Logged By: D. Hallinell

Code	From	To	Recov.	No.	Unit	Description
L	327 3	338 5			5BØ	(1ØØ*$:5B1) 85:14:Ø1
						Light to medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Locally vuggy. Trace disseminated pyrite and rare pyrrhotite (after pyrite?) as euhedral to subhedral cubes (≤ 4mm). Very good core recovery. Good RQD. Sharp upper contact parallel S_2. Fairly sharp lower contact parallel S_2.
						White-buff-cream quartz-dolomite ± calcite bands or concordant veins subparallel S_2 are weakly calcareous, hard, contain wisps of black Fe-chlorite and have sharp contacts with 5BØ, 5B1.
						Slightly harder, smoother, more leucocratic (silicified?) sub-unit is light grey and makes gradational contacts with 5BØ (sharp contacts with 1ØØ*$).
L	338 5	339 Ø			5FØ	
						Medium olive greenish grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Olive green-grey fracture surfaces. Soft to moderately soft. Trace disseminated pyrite. Very good core recovery. Good RQD. Sharp upper contact parallel S_2. Sharp lower contact at CA 5Ø°.
L	339 Ø	339 3			5CØ	
						Medium olive greenish grey with buff-white carbonate-quartz laminae/bands following S_2. Moderately calcareous. Green-grey to silvery grey fracture surfaces. PS_2 foliated. Moderately hard. Relict porphyritic to phaneritic igneous texture. Sharp upper contact at CA 5Ø°. Sharp lower contact at CA 4Ø°.

DDH 90DY-08

CURRAGH RESOURCES INC.

Lithologic Log

Date: Jan 22/91 Logged By: D. Hallinan

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	3397	3397			5BØ	→5FØ
						Light to medium grey (olive green tint) with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Moderately soft. Very good core recovery. Good RQD. Sharp upper contact at CA to 10°. Gradational lower contact parallel S_2.
L	3397	3423			5BØ	
						Light to medium grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite. Good core recovery. Fair RQD (poker chips). Gradational upper contact. Sharp lower contact with 100% at CA 80°.
L	3423	3430			5BØ2	BROKEN CORE
						Dark grey with buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark grey fracture surfaces. Soft. Fair core recovery. Poor RQD. Broken friable to blocky core throughout. Sharp upper and lower contacts parallel S_2.
L	3430	3578.1			5BØ	
						Light to medium dark grey with buff-white carbonate-quartz laminae/bands parallel S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite and pyrrhotite (rim replacement of pyrite) as euhedral cubes (≤ 5mm). CS_2 fabric above.

DDH QUDY-08 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN '91 Logged By: ~~S~~ Scott

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						parallel S_2 350.1 consists of mm scale laminae that display some of the best CS_2 fabric available. Below 350.1 PS_2 is dominant with $CS_2 \Rightarrow PS_2$ locally. Unit hosts 0-3% cm-scale quartz-calcite veins subparallel S_2. Rock is slightly soft, moderately broken, rarely moderately to strongly broken with good recovery throughout. Upper contact is sharp and parallel S_2. Lower contact is noted by sharp gouge-bearing slip 1.5cm wide. Last 50cm is marked a well healed calcareous breccia crudely oriented at 037°/14° relative S_2. Gouge band is oriented at 055°/35° relative S_2
	358.1	359.3			15B6$	
						Medium gray, weakly dolomitic unit is crudely CS_2 foliated and hosts 0-2% cm-scale quartz-calcite veins of variable orientation. Rock is moderately soft ~~st~~ moderately to strongly broken with good recovery. Unit hosts scattered very well healed shear planes typically oriented 055°/30° relative S_2. Upper contact is marked by a cm scale gouge band oriented 055°/35° relative S_2. Lower contact is gradational over 10cm with a progressive increase in calcite within matrix down hole.

DDH 9UUY:08

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	359.3	379.8			5B9	(10 Q #) 95:05
						Medium gray, moderately locally strongly calcareous phyllite is generally CS_2 foliated with sporadic occurances at PS_2. Unit hosts trace-1% Po after euhehedral to subhedral Pyrite grains 0.5-0.75 cm. Interval hosts 0-20% 10-40cm quartz calcite veins generally subparallel S_2. Veins are concentrated over subintervals at 367.6-368.0, and 376.8-379.5. Rock is slightly soft, moderately broken, strongly broken at 370.6 to 372.8 and very strongly broken at 375.5-376.0 Upper contact is gradational over 10cm, lower contact is sharp and parallel S_2.
	379.8	380.4			5B60	
						Medium gray, very weakly calcareous phyllite is PS_2 foliated with CS_2 developed sporadically over 1-2cm bands. CS_2 bands are slightly more calcareous than PS_2 rock. Rock is slightly soft, contains trace Po 0-trace 0.5cm quartz-calcite wisps and is moderately broken. Upper and lower contacts are sharp and noted by cm-scale quartz-calcite veins // S_2.

DDH 90DY-08

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN'91 Logged By J. Beckwith

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	396.4	496.8			5BQ	(5B02 → 5B20) 95:05
						Medium gray moderately to strongly calcareous phyllite is generally CS_2 foliated locally PS_2. A minor portion of interval is medium dark gray PS_2 foliated with S_2 surfaces that do not tarnish fingers. Darker bands are sporadic 2-20 cm wide with diffuse contacts, locally sharp contacts parallel S_2. Unit hosts 1-2% dm scale quartz calcite veins oriented parallel to subparallel S_2. Rock is slightly soft, moderately broken and rarely strongly broken over 5-20 cm. A single gouge band exists at 396.2. Gouge is 1 cm wide and oriented at 040/52° To S_2. Upper contact is sharp and parallel S_2. Lower contact is sharp and selected as the first well developed well healed shear band which characterizes lower unit. Lower contact is oriented 075/38° relative S_2
	496.8	411.4			5BQ	6 (5B2 healed shear fabric) 85:15
						Medium gray, weakly to moderately calcareous phyllite is CS_2 foliated and hosts 0-1% stringy clots of Po parallel $S_{2?}$ 2-3% quartz-calcite veins on the cm-scale and parallel S_2. Unit supports a minor amount of 5B2 which is dark gray, slightly to moderately calcareous and commonly hosts a moderately strong healed shear fabric with variable orientations commonly parallel S_2. 5B2 contacts are irregular

CRI 1987 F-7A

DDH 90DY-03

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						occasionally crosscutting S_2. 2-3mm stringers of shear fabric occur sporadically within 5B0 often displaying a dark gray colour. Orientations are variable but occasionally trend 030°/35 but are often very irregular. Rock is slightly to moderately soft moderately broken with good recovery. Upper contact is bound by a well healed 1.0cm shear band oriented at 075°/30° relative S_2. Lower contact is sharp, irregular but generally parallel S_2. Lower contact is marked by an irregular band(?) clast(?) of 5D0 which varies from 2.0 - 0.25 cm wide.
	411.4	413.1			5B2	healed shear fabric. (5D0) 99:01 Dark gray weakly calcareous unit displays a weak well healed shear fabric with a variable orientation. Locally unit is black and resembles 5A* but these are very rare and do not exceed 1.5cm. Sporadic occurances of CS_2 are preserved. S_2 and fracture surfaces do not tarnish fingers. Unit hosts wisps, clots and stringers of Po and Py. Rock is slightly hard to slightly soft, moderately broken and has good

DDH 90 DY-02 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN'91 Logged By: J-Sheehy

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						recovery. Upper and lower contacts are sharp, irregular and generally trend subparallel S_2. Unit contains rare 1.5-0.5 cm wide 300 bands(?) clasts often displaying irregular contacts
	413.1	439.3			5B10	
						Medium gray, moderately calcareous phyllite is generally $CS_2 \rightarrow PS_2$ foliated and contains 1-2% clotty P_b. Unit is sporadically strongly broken, rarely crushed. Broken and crushed zones are <1.0m wide and breaks are strongly S_2 dominant. A single crushed zone hosts moderate gouge and is located at 418.6 - 419.0; breaks are parallel S_2 and gouge is calcareous. Unit contains 3-4% dm scale quartz calcite veins oriented parallel S_2. Rock is slightly soft, generally moderately broken and has good recovery throughout. Upper contact is sharp irregular but generally parallel S_2. Lower contact is sharp and marked by a well healed shear oriented 335°/43° relative S_2. Weakly developed <1mm shear bands 10cm from contact are oriented 311° to 291° and dip from 29° to 14°.

DDH 90-01-08 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 91 Logged By: D. Beckett

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	430.3	430.8			5B2	# HEALED SHEAR
						Very dark gray to black unit is very weakly calcareous and hosts a well developed well healed shear fabric. Fragments within shear fabric trains and stringy quartz vein material "stretched" into shear fabric. Quartz fragments display an overwhelming tendancy for ductile stretching and rarely display brittle rupture. 5B0 also occurs as highly stretched bands parallel shear fabric. Fracture surfaces slightly tarnish fingers medium gray. Rock is slightly hard moderately broken and has good recovery. Upper contact is sharp and is oriented 335/43. Internal shear fabric is oriented 335/19 to S_2. Lower contact is broken but shear fabric closely parallels S_2 at this contact.
	430.8	437.7			5B6$	(5B26 ± #) 70:30
						Medium to locally medium dark gray, weakly to moderately dolomitic phyllite contains a PS_2 fabric and hosts trace-1% Po. Locally PS_2 is disrupted a 1-2mm slip planes and 3-5cm dolomitic breccia with no determinable orientation. Rock is slightly to moderately soft strong to moderately broken above 433.7 and moderately to slightly broken the rest of the interval. Upper and lower contacts are broken but appear parallel S_2. Interval is locally slightly carbonaceous

CRI 1987 E-3A

DDH 90DY-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 91 Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
						Commonly with contacts parallel S_2, occasionally crosscutting S_2 in an inconsistant manner. Interval contains 2-3% quartz-dolomite veins generally subparallel S_2 and 1-1.5cm wide.
	437.7	443.6			5B6S	LOCALLY CRUSHED with GOUGE Medium gray moderately to weakly dolomitic unit is strongly broken, often very strongly broken & crushed with moderate gouge. Orientations for breaks are very inconsistant. Rock is slightly soft, rarely slightly hard. Recovery is poor where gouge and crushed zones exist. Very poor rock quality exists at 437.7-438.3, 438.8-439.2, 441.0-442.7. Upper contact is broken, lower contact is parallel S_2 and noted as an improvement in rock quality. 0-trace pyrite clotts.
	443.6	448.6			5B6S	Medium gray weakly dolomitic phyllite is PS_2 foliated with clotts of dolomitic brecciated zones scattered throughout. A poorly healed shear fabric exists at 445.0-445.5. Texture of shear is same as interval 430.3-430.8. Shear fabric is oriented at 000°/17° relative S_2. Rock is slightly soft, moderately broken with good recovery. Upper contact is parallel S_2 lower contact apparently parallel S_2. Lower unit consists of gouge. Lowest 40cm of this unit

DDH 90DY-08 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN/91 Logged By: P. Sweetnam

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						consists of a moderately well developed shear fabric with brittle rupture common. General trend of fabric is 050/33° relative S_2
	448.6	452.0			SBS	±2 GOUGE ZONE Medium gray locally slightly yellow locally dark to medium gray zone consists of 98% gouge. Gouge is dolomitic and supports quartz-dolomite fragment and SB3 and SB2 clasts. Fabric within gouge is overwhelming subparallel core axis to <5° relative core axis. Rock is mush and has excellent recovery. Upper contact is parallel & lower contact consists of 30cm of poorly to moderately well healed shear fabric generally oriented, 350/10° relative S_2 of lower unit.
	452.0	455.2			SBS	VERY STRONGLY BROKEN Medium gray weakly dolomitic phyllite contains a strong low angle fabric (12-25° TCA) - S_2 (?) shear fabric (?). Low angle fabric noted to be parallel S_2 of lower unit. Rock is slightly soft, very strongly broken to weakly crushed. No visible sulphides

DDH 9041-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
						Upper contact is sharp with upper shear fabric, and S_2 below contact. S_2 (?) fabric rotates gently over ~~[illegible]~~ upper most 1.0m to a low angle fabric, then at lower contact again rotates from low angle orientation to that of S_2 at lower unit, 70 TCA.
	455.2	478.5			5B6S	±@
						Medium gray weakly to moderately dolomitic phyllite is PS_2 foliated and hosts 3-5% dolomite/ankerite stringers of variable orientation. Euhedral to subhedral pyrite (1-1.5cm) are common which is unique because a significant portion of upper package was strongly Po dominant. No visible Po occurs in this unit. Rock is generally moderately broken with strongly broken zones with ± crushed a minor gouge components. Rock is slightly soft recovery is good. Upper and lower contacts are sharp and parallel S_2. Both contacts define transition from strongly broken zones above and below.
						Possibly an association of dolomite Pyrite or Calcite Po relationship could exist? See Physchem 401.
	478.5	484.7			5B6S	±@ STRONGLY BROKEN (5B60) 98:02
						Medium gray weakly to moderately dolomitic phyllite is PS_2 foliated and strongly broken. Unit hosts 3-5% dolomite/ankerite with ± quartz stringers of variable

DDH 90-91-08 (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
						orientation. Breakage is strongly S_2 dominant. Gouge and crushed zones are rare and are from 5-10cm wide. Unit contains 0-trace P_y. Rock is slightly soft and strongly broken. Recovery is generally good, fair between 482.8-484.3. Lowest 50cm of interval is weakly calcareous and hosts trace clotty P_o
	484.7	495.7			5B06	± S_2
						Medium gray, weakly to moderately calcareous phyllite is generally BS_2 foliated, locally CS_2. Interval supports sporadic occurances of 10-15cm bands of very strongly broken to crushed zones lacking in gouge. No loss or gain in calcareous nature is noted in these broken zones. Rare Unit contains trace - 1% echelon P_o after P_y and clotty P_o scattered throughout, and 0-1% dolomite stringers of variable orientation. Rock is slightly soft and has good recovery throughout. Upper and lower contacts are parallel S_2
	495.7	497.7			10Q	
						Massive white quartz vein with trace calcite along open fractures. 0-trace clotty P_y. Boring. vein is moderately fractured in calcite manner. Boring.

DDH 9UPY-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: J. Zbeetwitt

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	497.7	499.9			5B6	±0
						Medium gray, non-calcalareous to weakly calcareous phyllite is PS_2 foliated and hosts 1-2% quartz-dolomite / calcite veinlets and veins <2.0cm wide. Unit contains 1-2% clotty and euhedral P_o. Rock is slightly soft moderately to strongly broken parallel S_2. Recovery is good. Upper and lower contacts are sharp and parallel S_2.
	499.9	506.7			5B0	
						Medium gray moderately calcareous phyllite is CS_2 foliated and hosts 2% euhedral and clotty P_o. Interval contains trace calcite stringers. Rock is slightly soft strongly to moderately broken parallel S_2 and has good recovery throughout. Upper and lower contacts are sharp and parallel S_2.
	506.9	510.6			5B06	VERY STRONGLY BROKEN (5A0) 98:02
						Medium to medium light gray, very weakly to weakly calcareous phyllite is PS_2 foliated very strongly broken locally crushed and sporadically displays a well developed strong shear fabric that is moderately healed. Interval is crushed

DDH 90-01-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb '91 Logged By: F. Zhedanoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	510.6					above 508.4 and contains very little gouge. Interval supports 5A0 at 508.4-508.8. 5A0 hosts a strong shear fabric oriented @ 327/34° relative S_2. Shear fabric is noted as being as low as 20° TCA. Fragments within shear are quartz- and quartz-calcite dominant. Other minor slip planes occur throughout interval and generally trend 325°/25° TCA. Rock is soft, pitted and has poor locally very poor recovery in crushed intervals. Upper and lower contacts are sharp and parallel S_2. Fractures in core are strongly S_2 dominant, catotic in crushed zones.
	510.6	524.1			5B6	± → 5B62
						Medium gray non-calcareous non-dolomitic phyllite is commonly PS_2 locally CS_2 foliated. Interval hosts 0-trace dolomite stringers and trace 1-3cm quartz-dolomite, rarely calcite veins generally oriented parallel S_2. trace-1% clotty rarely euhedral Po after Py grains are sporadic. Rock is strongly rarely moderately broken above 518.7. Below 518.7 unit is slightly to moderately broken. Rock is slightly hard and has good recovery. Upper contact is sharp and parallel S_2. Lower contact is also sharp but is shear bound and oriented 330°/24 relative S_2. Locally unit is darker gray and tends to 5B62

DDH 9044-08 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb '91 Logged By: J Zbednak

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	524.1	524.8			586	±0 HEALED SHEAR ± @
						Medium gray, non-calcareous, randy very slightly calcareous phyllite displays strong shear fabric. Shear is generally well healed but locally contains wisps of gouge 2-3mm thick parrallel shear fabric. Fragments within shear a quartz and ankerite dominant. Rock is slightly soft, moderately broken with good recovery. Upper contact is sharp and oriented @ 330/24 relative S_2. Lower contact is gradational over 30cm with shear fabric rotating down hole becoming parallel S_2.
	524.8	530.1			586	(584 ± 1 → 41.0) 75:25
						Medium, slightly medium-dark gray, non-calcareous, non-dolomitic phyllite is PS_2 foliated and hosts 5-7% Quartz-dolomite/ankerite veins oriented parallel S_2 and on the cm-to-dm-scale.
						Unit hosts an irregular massive clott of A_0 at 527.8. Clott has irregular contacts and varies from 0-2.5cm in width. Phyllite above clott is slightly to moderately altered to a weak green color over 3cm. Altered contacts are sharp but crosscut S_2.
						AT 528.2-529.3 unit is slightly bleached, light gray, non-calcareous and is very slightly leaning towards 90. A single 2.5cm band of intense silicification occurs at 528.9. Silicification is associated with 1% stringy fractures

DDH 90 W-08
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb 1/91 Logged By: D. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						at Ps. Silicification and Ps trend parallel S_2 with sharp contacts. Upper contact of altered zone is gradational, lower contact is sharp and parallel S_2. Interval is slightly soft moderately broken and has good recovery. Upper contact is graduated over 30cm. Lower contact is sharp and marked by a 0.5 cm well healed shear oriented at 320/25° relative S_2.
	530.1	531.5			5C 4/5	(5B4 → 5F0) 95:05 Light greenish tan to medium to light green, strongly to moderately calcareous unit is strongly Ps foliated. Lighter colored rock is limited to above 530.8 and hosts trace-1% fuchsite wisps. Lower darker portion contains 7-10% highly stretched chloritized mafic wisps. Minor intervals contain an apparent Phyllitic nature and approach 5F0 in make-up. Upper contact is sharp marked by a 0.5cm shear - well healed and trends 320/25° relative S_2. Lower contact is sharp and parallel S_2.

CDI 1987 F-7A

DDH 90DY-08 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb '91 Logged By: S. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	531.5	536.0			5B61	→ 5B62 ± C
						Medium dark gray, non-calcareous, non-dolomitic phyllite is PS_2 foliated and is slightly carbonaceous with S_2 surfaces slightly tarnishy fingers medium to very slightly dark gray. Unit hosts 0-5% ankeritic fracture fillings of variable orientation but generally appear stress related roughly trending 180°/55° relative S_2 at 532.3 Rock is slightly hard to slightly soft moderately to slightly broken & crushed at 534.2-534.4. Recovery is good. Upper and lower contacts are sharp and parallel S_2
	536.0	542.0			5B61	→ 5B62 STRONGLY BROKEN
						Medium dark gray, non-calcareous, non dolomitic phyllite is PS_2 foliated, slightly carbonaceous with S_2 surfaces ~~to~~ slightly tarnishy fingers medium gray, very rarely dark gray. Unit is strongly broken along S_2 with sporadic open gouge-bearing slip planes scattered throughout. Typical principal slips are 011/19° relative S_2. Unit hosts 2-3% stringers and clots of dolomite. Rock is slightly hard to slightly soft, very strongly broken below 539.3; Moderately broken elsewhere. Upper and lower contacts are sharp and parallel S_2.

DDH 90Y-03 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb '91 Logged By: J. Sedlak

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	542.0	543.4			5B60	STRONGLY BROKEN (5B4$1 : 5A0) 88:10:02
						Medium gray, very weakly calcareous phyllite is PS$_2$ foliated and strongly broken. Upper 40cm contains 10% quartz dolomite veining within an altered phyllite. Phyllite is yellowish tan, weakly silicified and hosts trace-1% dolomite clots and veinlets. Altered phyllite contacts are sharp and parallel S$_2$. Lowest 30cm consists of strongly broken 5A0 that easily tarnishes fingers dark gray to black. Rocks are slightly soft; recovery is fair. Unit hosts 10% gouge bands parallel S$_2$ and from 5.0-10 cm wide. Upper and lower contacts are sharp and parallel S$_2$
	543.4	544.6			4L0	$ ±1 (10E4) 95:05
						Yellowish green, non-calcareous very weakly dolomitic unit is sporadically silicified and hosts 2-3% wispy and clotty Py trains // S$_2$. Unit hosts 10E4 in bands from 3-10cm wide with sharp variably oriented contacts. Dykes are slightly soft, very weakly dolomitic, buff very fine grained and generally unbroken. Rock is generally soft, moderately broken, rarely crushed and has good recovery. Upper and lower contacts are broken with ± gouge and appear parallel S$_2$

DDH 90BY-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb '91 Logged By: J-Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	544.6	548.5			5B6	$ VERY STRONGLY BROKEN ± GOUGE (4LO) trace
						Medium gray, very weakly dolomitic unit is very strongly broken and contains 15-20% Gouge scattered throughout in bands 10-40 cm wide. Gouge often contains a significant portion of crushed rock. Fabric defined by gouge and crushed rock is subparallel to parallel S_2. A 4cm band of 4LO exists at 548.1. 4LO upper contact is broken, lower contact is oriented 020/22 relative S_2. Rock is soft, recovery is fair. Upper and lower contacts are gouge.
	548.5	551.6			4LO$	±4 VERY STRONGLY BROKEN - GOUGE (5B6$:5B2) 96:05:01
						Yellowish tan weakly dolomitic unit is generally crushed with sporadic gouge. Approx 40% of interval is moderately to slightly competent with a moderately well developed shear fabric or Catotic S_2 foliation. 4LO is rarely mineralized with sph in clots and contorted/brecciated bands. Interval hosts sporadic blocks of moderately competent and gouge of weakly dolomitic of light gray phyllite. Narrow wisps and bands (0.5-2.0 cm) of 5B2 occurs over the lowest 30 cm of unit. 5B2 is crushed and gouge, and slightly tarnishes fingers medium gray. Rock is very dark gray to black. Interval is soft to very soft, Recovery is good to fair. Upper and lower contacts consist of gouge.

DDH 90D1-08 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb 91 Logged By: J. Zbeda

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	551.6	555.6			5A01$	± → 5B2$ VERY STRONGLY BROKEN @ Gouge
						Dark gray to black unit is weakly dolomite, generally very strongly broken, crushed with gouge very common. Gouge and fractured surfaces vary from easily tarnishy fingers very dark gray to slightly tarnishy fingers medium gray. No recovery from 553.7 - 554.9 5cm of rubble recovered below 554.9. Upper contact is gouge lower contact is rubble. Rarely preserved shear fabric trends from 22 - 28° TCA.
	555.6	557.8			4A04$	GOUGE & CRUSHED ROCK
						Yellow tan mush reacts moderately well with 20% HCl. No shear trends available. Recovery is very poor to fair. Two 1.0 - 2.5 cm highly ground core fragments recovered from 557.5 - 557.8. Upper and lower contacts are sharp.
	557.8	558.7			5B6	$ RUBBLE (10Q: 5A014 → 4A04) · 70: 25: 05
						Strongly broken phyllite is very weakly dolomitic and hosts 25% quartz ± dolomite rubble. From 557.8 - 557.8 recovery is good unit hosts rubble and gouge with a few fragments of 5A014 → 4A04 with moderate pyrite mineralization and possible sph. Pyrite is disseminated - no banding or aggregates within a very weakly silicified host. Recovery is fair at

DDH 9UDY-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
						558.1 - 558.7. Upper and lower contacts are rubble with gouge.
	558.7	560.0			4G44	(4A04 : 4C0) 80:10:10
						Strongly mineralized baritic unit has an upper contact that is sharp and adjacent 4C0 with minor 4L0 included. 4C0 is 20cm wide has a lower contact oriented at 50 TCA. Upper contact of 4C0 is sharp and adjacent 4A04. Contact is oriented 24° TCA. Lower contact of 4G44 is adjacent 4A04 and trends 35° TCA. Interval is generally strongly to moderately broken and contains No gouge. Upper and lower contacts are gouge-bearing. Recovery appears good but lower gouge zone is missing 10cm.
	560.0	560.7			5A0	Gouge (10E4)
						Gouge from 560.0 - 560.4 10E4 from 560.4 - 560.6. 10E4 is light brown to buff, fine grained, and slightly to moderately soft. Upper contact of dyke is broken, lower contact is sharp and parallel shear fabric. Below dyke is 5cm of slightly competent 5A0 with a strong shear fabric oriented 25° TCA. Recovery is fair with 10cm of gouge missing. Upper and lower contacts of

DDH 90DY-08 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb '91 Logged By: F. Sheehan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						intervals are gouge.
	560.7	565.9			4LO$	98% GOUGE (5B6S / 5AO) : 80:19:01
						Unit consists of weakly dolomitic tan gouge with localized light gray mush. Sporadically a well defined shear fabric trends subparallel core axis and hosts 5AO. Recovery is amazingly good. No orientation of contacts available.
	565.9	569.8			5B6$	Broken (5AO) 98:02
						Light to medium gray phyllite is weakly dolomitic PS_2 foliated and is strongly broken // S_2. Gouge is common along fractures (1-2cm) and shear planes commonly contort S_2. Locally unit is darker gray with S_2 planes slightly tarnished sirgeous dark gray. Darker intervals are associated with upto 5% clotty and stringy Py. Rock is soft, recovery is good. Upper contact is marked by first fragment adjacent thick gouge zone @ 4LO. Lower contact is marked by 35cm @ 5B6 → ±2 gouge against gouge from 10E44 below

DDH 90-4-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb '91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	568.8	574.5			10E9$	
						Light tan to buff, moderately dolomitic unit highly altered, has a massive texture with a weak brecciated texture where slightly more competent. Sulphides are common, related to brecciation often a dense disseminated clotts of a wispy and patchy texture. Sulphides are Py dominant with localized concentrations at what appear to be sphalerite. One sample will be taken for geochem analysis. Upper 30cm and lower 2.3m of interval are crushed to weakly competent. Internal portion of unit is very soft and slightly broken. Recovery is good. Upper contact is gouge, lower contact is very soft and in sharp contact with 5A0 gouge trending 24° TCA.
	574.5	580.0			5A0$	±41Py STRONGLY BROKEN (→ 5A* : 10E4) 75:24:01
						Dark gray to black, weakly dolomitic unit is strongly broken with fracture surfaces easily tarnishing fingers dark gray to black. Sporadically unit hosts moderate to strong silicification and upto 10% disseminated Py mineralization. Below 577.5 interval contains a few blocks of moderately broken rock resembling 5A*. A 10cm band of 10E4 rubble exists at 577.0. Rarely interval displays a well developed open shear fabric trending 20 TCA. Gouge is and crushed bands are very common. Gouge occurs on all fracture planes. Upper contact is sharp and oriented

DDH 90-Y-08 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb'91 Logged By: J-Beckett

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						at 24° TCA. Lower contact is sharp and adjacent a 10cm irregular quartz vein.
	580.0	585.8			360	$ STRONGLY BROKEN / Gouge
						Medium to light gray, non-dolomite to locally weakly dolomitic PS_2 foliated phyllite is strongly to very strongly broken with 15-20% of interval consisting of gouge bands 1-50cm wide. Bimodal fractures sets trend parallel S_2 common & at a low angle to core axis less common. Phyllite is very bland with no hint of microlithons and 1-2% quartz-dolomite and dolomite stringers generally oriented at low angles to core axis. Recovery is good. Upper contact is sharp, marked by a quartz vein vein has upper contact oriented // S_2 and lower contact oriented 072°/19° wrt S_2 and show a weak shear fabric. Lower contact for interval is sharp oriented 34° TCA and is sheared.
	585.8	588.7			369$	Crushed
						Very dark gray to black, weakly, locally moderately dolomitic unit is crushed above 587.7. Fractured surfaces commonly tarnish foyers very dark gray to black. Gouge is rare. A strong shear fabric exists at 587.7-587.9 and is oriented at 047°/15° relative S_2. Rock below 587.9 is slightly hard & moderately broken. Recovery is fair to good

DDH 90Wr-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb '91 Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
						Upper contact is oriented at 34 TCA. Lower contact is irregular, sharp and generally follows S_2
	588.7	611.8			3G9	$ STRONGLY BROKEN
						Medium to light gray, very weakly dolomite unit is PS_2 foliated and lacks any indication of a microlithon texture. Unit is very homogenous. Interval is generally strongly broken to very strongly broken parallel S_2, rarely at low angles to core axis. Gouge is exceptionally rare and is limited to 1-2cm bands. Interval hosts 0-trace cm scale quartz-dolomite and quartz-calcite veins. Rock is very slightly hard and has good recovery throughout. Upper contact is sharp somewhat irregular but generally follows S_2. Upper 40cm of unit is slightly carbonaceous with a gradual loss of darker gray color down hole. Lower contact is broken.
	611.8	615.9			3E33	(10Q # STRONGLY BRECCIATED) 85:15.
						Very dark gray to black, very strongly calcareous grading down hole to moderately calcareous phyllite is PS_2 foliated with S_2 surfaces easily tarnishing fingers very dark gray to

DDH GUDY-08 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb '91 Logged By: F. Zeetroff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Block. Unit hosts a 35cm quartz vein at upper contact with strongly brecciated margines. Breccia fragments consist of 3E3 ± 3G0 and slightly disrupted Pyrite clots (<0.5x > 5cm). Breccia matrix is very strongly calcareous. Phyllite is strongly P_2 foliated generally strongly locally moderately broken. Recovery is good. Rock is slightly to moderately hard. S_2 surfaces easily tarnish fingers black. Upper contact is noted by a moderately to poorly healed breccia trending 12° TCA. Lower contact is marked by 15cm of quartz ± calcite vein oriented parallel S_2.
	615.9	617.4			3C0	± #
						Medium-light green, very weakly to weakly calcareous unit is strongly P_2 foliated and displays a moderately well preserved lineous texture with 25% chloritic matrix crystals stretched into S_2. Rock is slightly hard, slightly broken and has good recovery. Upper contact is sharp & parallel S_2. Lower contact is sharp and parallel S_2 with a 10cm band of phyllite included within metabasite. Phyllite is viscous and homogfoliated.

DDH 91-91-08 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb '91 Logged By: S Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	617.4	620.0			369	± #
						Medium - dark gray phyllite is very weakly to non calcareous, D_{S_2} foliated moderately to slightly carbonaceous with S_2 surfaces slightly tarnishy fingers medium gray, rarely medium dark gray. Rock is moderately locally strongly broken, with good recovery. Fractures are S_2 dominant, with a few low angle fractures. Gouge is very rare and occurs along S_2 fractures <1.0cm wide. Rock is slightly hard and hosts 1% P_2 and trace - 1% py. Upper and lower contacts are sharp and parallel S_2
	620.0	622.3			360#	
						Medium to light green, weakly calcareous, generally fine grained and massive, locally medium grained with upto 15% mafic minerals stretch into $\geq$. PS_2 fabric is ubiquitous. Rock is slightly soft and strongly broken above 620.7. Recovery is good. Upper and lower contacts are sharp and parallel S_2 Upper and lower contacts are sharp and parallel S_2.
	622.3	624.2			3F03	
						Dark gray to black and light gray, weakly calcareous phyllite is PS_2 foliated. Unit is finely laminated on the mm scale with black and light gray bands parallel S_2. Lighter bands do

DDH 9UPY-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb '91 Logged By: J. Zbeetak

Code	From	To	Recov.	No.	Unit	Description
						not contain any more calcite than other bands. Unit hosts 1-2% stringy wisps/clots of Pyrite. Rock is very slightly soft, strongly broken along S_2 and has good recovery. Gouge is extremely rare and occurs as coatings on S_2 surfaces. S_2 surfaces moderately tarnish fingers dark gray to black. Upper and lower contacts are sharp and parallel S_2
	624.2	626.2			3G3	(3G0±4) 85:15
						Medium green, moderately locally weakly calcareous unit is PS_2 foliated and displays a weak PS_2 fabric. Igneous texture is very poorly preserved. Interval hosts 340 at 624.5-625.0. Phyllite is medium gray and has strongly silicified and moderately hornfelsed contacts. Interval is ~~mode~~ slightly hard, moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	626.0	627.5			3G9	→ 3E0
						Dark gray non-calcareous phyllite is PS_2 foliated with S_2 surfaces moderately tarnishing fingers very dark gray. Unit is strongly broken along irregular S_2 surfaces. Rock is slightly hard, strongly broken and has good

DDH 90DY-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb '91 Logged By: J. Zbuchalf

Code	From	To	Recov.	No.	Unit	Description
						recovery. Upper and lower contacts are sharp and parallel S_2.
	627.5	630.3			3G0	(10Q HEALED/BRECCIATED) 60:40 Medium to slightly dark gray, non-calcareous phyllite is PS_2 foliated and host quartz injection at 628.9 to 629.9. Quart hosts 50% local well rock fragments. Phyllite hosts 1-2% clotty Py. Unit is moderately to strongly broken with 60% gouge below 629.6. Rock is slightly soft. Upper and lower contacts are sharp and parallel S_2
	630.3	635.3			3B0	→ 3G0 ± BIOTITE ± # Medium grayish green, non-calcareous, very rarely slightly calcareous phyllite is weakly and sporadically chloritic. Weak biotite development is ~~so~~ common. Rock is moderately soft, moderately to locally strongly broken – S_2 dominant. Recovery is good. Upper and lower contacts are sharp and parallel S_2.

DDH 90DY-08

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb '91 Logged By: J. Zsedenkoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	635.3	641.5			3C08	(10Q) 85:15
						Medium green, non-calcareous, massive unit is moderately PS foliated and moderately chloritic. Igneous texture is very poorly preserved. Rock is moderately to slightly soft, strongly broken at 635.3-636.1 and hosts 40-50% gouge with crushed rock at 638.7-639.1. Interval supports a massive bull quartz vein at 639.7-640.3. Upper and lower contacts are sharp and parallel S_2
	641.5	642.2			3G01	
						Medium dark gray to slightly bluish gray, non-calcareous phyllite is strongly silicified and weakly hornfelsed. Rock is slightly broken and very hard. Upper contact is sharp and parallel S_2.
		642.2				END OF HOLE

DDH 90DY-08 (2 / 8) CURRAGH RESOURCES INC.

Page A of A

Logged by J. Scantlebury

ASSAY LOG (SAMPLER'S COPY) Date Feb'91 Sampled by R.W.

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
	0.0	550.8					WASTE
	550.9	551.6	652411	0.7	0.7	ALP$	Uncertain recovery
							MAJOR FAULT
	558.7	559.1	652412	0.4	0.4	AA04	(4co)
	559.1	560.0	652413	0.9	0.9	ALA	
							MAJOR FAULT
	570.6	571.0	652413	0.4	0.4	10K9$	
							MAJOR FAULT TO 588.7
							EOH @ 642.2

DDH 90X-08 (2 / 8)

CURRAGH RESOURCES INC.
Fault Log

Page A of _____

Date: JAN '90 Logged By: F. Sheehan

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	
F	0.0	20.9						No Faults
F	20.9	21.2						Crushed and gouged zone; no attitude available
F	49.3	49.4						gouge band parallel S_2
F	49.6	50.4					48 340	strongly broken along S_2 minor gouge band (<2cm) @ 50.2
F	176.1	176.4					12 260	FAULT: gouge & strongly broken
F	186.0	186.6			20 030			Crushed 0-trace gouge
F	189.5	197.0			05 —	13 200	25 —	Healed shear local gouge bands, low angle to C.A.
F	221.5	221.6			—	—	45 299	gouge band
F	243.3	243.4	1G		—	—	74 —	Clayey fault gouge
F	264.7	265.0	1BG		88 —	75 —	84 —	Broken core, Clayey fault gouge
F	285.2	285.5	1B		—	—	65 —	Broken core
F	287.3	288.3	2B		83 —	86 —	86 —	Broken core
F	297.2	297.6	2B		88 —	—	73 —	Broken core
F	302.3	302.9	1B		54 —	—	86 —	Broken core
F	306.3	307.2	2BG		—	66 —	50 —	Broken core, Clayey fault gouge
F	307.7	308.5	2B		87 —	—	83 —	Broken core
F	310.1	310.6	1B		80 —	—	81 —	Broken core
F	342.3	342.9	2B		75 —	—	84 —	Broken core
	357.6	358.1				14 937		well healed breccia bands 1-2cm wide

All angles are w.r.t. C.A.

DDH 90AY-08 (2 / 8)

CURRAGH RESOURCES INC.
Fault Log

Date: JAN'91 Logged By: J. Beckett

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	
		358.1	1			35 095		1cm gouge band
	358.1	359.3				30 055		sporadic 1cm shear bands - well healed
		396.2				52 040		1cm gouge band
		406.8			30 075			thin shear band - well healed
	430.3	430.8			43 335	19 335		well healed shear fabric
	437.7	438.3						crushed, minor gouge
	438.8	459.2						crushed minor gouge
	441.3	442.3						v. strong brittle, gouge and crushed rock comm.
	445.0	445.5				17 090		well healed shear fab
	448.6	452.0			10 350	05		100% gouge, slickensided, pitch @ 23° with shear plane
	475.5	475.8						strongly brittle

DDH 90DY-08 (2 8)

CURRAGH RESOURCES INC.
Fault Log

Page C of

Date: JAN '91 Logged By: [illegible]

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	
	478.5	479.1						Strongly broken, gouge common
	480.6	484.7						Strongly broken // S_2, minor gouge & crushed rock
	506.7	508.5						Strongly crushed, minor gouge
	508.5	508.6				20		shear fabric - healed
	524.1	524.8			24	330		Moderately healed shear S bands: 26° TCA C bands 15° TCA
	538.2	539.3						STRONGLY BROKEN // S_2 minor gouge
	542.2	543.5						STRONGLY BROKEN // S_2, mod. gouge upto 10cm
	544.3	551.2						Very strongly broken 40% gouge & crushed rock. Catotic orientation of gouge and fract's.
	551.2	558.7						Crushed and Gouge zone, poor recovery locally. Caotite orientations
	558.7	560.7						Mod. bkn, locally strongly mineralized, 30cm gouge @ 560.1

DDH 90DY-08 (2 – 8)

CURRAGH RESOURCES INC.
Fault Log

Page D of ____

Date: Feb '91 Logged By: [illegible]

Code	FROM (10–14)	TO (At) (16–20)	Feature (22–24)	REC. (26)	UPPER Dip Direct. (28–32)	INTERNAL Dip Direct. (34–38)	LOWER Dip Direct (40–44)	Description
1								
	560.7	565.9			—	05 —	—	100% gouge. Strong shear fabric sub // C.A. Slickensides @ 160° within fault Plane 160°
	565.9	568.5			—	22 —	—	Strongly broken // S_2, local gouge <5%
	568.5	569.1			—	—	20 —	100% gouge & crushed
	569.1	572.0			—	—	—	Very soft, highly altered, slightly broken 10E.
	572.0	577.2			—	15 —	—	Gouge and crushed rock shear fabric locally preserved from 10° – 20° TCA
	577.2	583.4						Strongly broken, gouge coating on fractures ubitiquous Local 5A* with fabric 80° TCA
	583.4	587.7			—	32 —	15 047	Crushed with gouge common
	593.9	595.5			—	—	—	Local crushed & gouge zones – caotitic <30cm
	595.5	603.5			—	—	—	V. strongly broken // S_2
	603.5	642.2						V. strongly broken zones upto 2m wide common ± gouge
		642.2						EOH

DDH 90DX-08 (2 8)

CURRAGH RESOURCES INC.
Structural Log

Page A of _____

Date: JAN '91 Logged By: S. Ebert

Code	From	To	Feature	Sym	L3 Dip Direct.	S1 Dip Direct.	S2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
		16.7	PS2		028		80	
		19.3	CS2	S	045	27 022	75	
		24.7	PS2		952		77	
		33.4	PS2				75	
		40.1	CS2	S	008	15 350	79	L4 = 160°
		43.8	CS2	S		14 360	61	
		46.4	CS2	S		10 044	70	
		55.3	CS2	Z	028	20 208	77	
		58.4	CS2	S	070	22 025	70	
		65.0	PS2		056		71	L4 = 145°
		72.7	CS2	S	016	16 010	79	
		74.8	CS2	S	018	10 021	85	
		83.5	CS2	S	015	13 355	77	
		89.0	PS2				80	
		91.6	CS2	Z	152	30 175	78	
		98.0	PS2				75	
		102.7	CS2	Z	010	24 175	82	
		112.1	CS2	S	150	30 032	78	
		115.6	CS2	S	162	22 337	79	
		122.8	PS2				85	
		127.0	PS2				63	
		133.8	CS2	Z	051	18 221	95	
		139.8	CS2	S	175	15 000	61	
		146.1	CS2	Z	016	25 180	74	
		150.0	PS2	Z	160	16 159	87	
		155.2	PS2	Z		15 105	85	
		160.6	PS2				85	
		166.5	PS2				80	
		172.0	PS2				83	
		179.0	PS2				76	
		184.5	PS2				82	
		188.9	PS2				70	
		195.5	PS2				74	
		199.7	PS2				80	
		202.7	PS2				81	
		208.5	PS2				70	

DDH 90Y-08 (2 / 8)

CURRAGH RESOURCES INC.
Structural Log

Page B of _____

Date: Jan. 24/91 Logged By: D. Halliwell

Code	From	To	Feature	Sym	L_3 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		213.7	CS2	S	015	1.5 025	64	
S		218.3	PS2				80	
S		222.6	PS2				90	
S		228.7	PS2				78	
S		235.0	CS2		000	10 180	66	
S		240.2	CS2	Z	037	58 173	69	
S		243.8	CS2	S	033	62 039	73	
S		252.7	CS2	S	072	10 060	84	
S		257.7	CS2	Z	031	23 000	78	
S		260.4	CS2		020	13 000	62	
S		267.7	PS2				90	
S		274.7	CS2				90	2 late lineations seen (L_3, L_4, L_5^2)
S		277.0	CS2	S	050	38 333	81	
S		283.0	CS2	S	014	49 007	73	
S		293.6	CS2	S	019	18 012	77	
S		294.9	CS2	S	039	52 050	89	
S		300.3	CS2	Z	013	49 050	84	
S		309.6	PS2				78	
S		310.7	CS2	S	034	44 031	62	
S		317.0	PS2				88	
S		324.5	CS2	Z	038	12 016	65	
S		330.7	CS2	S	015	54 049	73	
S		336.8	CS2	S	049	37 069	80	
S		343.9	CS2	Z	015	35 007	81	
S		347.1	CS2	S	009	54 006	63	
		353.8	PS2				78	
		360.1	CS2	Z	123	24 135	72	
		363.2	CS2	S	017	30 024	76	
		372.6	CS2	S		35 000	67	
		375.2	CS2	S		20 000	70	
		379.0	CS2	S		34 345	38	
		387.4	PS2				77	Cataclastic CS_2
		393.2	CS2	S	013	14 005	58	
		400.5	CS2	Z	032	15 219	73	
		405.6	CS2	Z	048	19 180	82	
		409.5	PS2				86	

DDH 90DY-08 (2 8)

CURRAGH RESOURCES INC.
Structural Log

Page C of

Date: JAN '91 Logged By: [illegible]

Code	From	To	Feature	Sym	S_0 Dip	S_0 Direct.	S_1 Dip	S_1 Direct.	S_2 Dip	S_2 Direct	Description
1	10 14	16 20	22 24	26	28	32	34	38	40	44	
		416.0	PS2						80		
		420.0	CS2	S		030	28	060	79		
		429.6	CS2	S			27	066	73		
		434.4	PS2			23			65		
		437.6	PS2			110			78		
		444.4	PS2						72		
		448.0	PS2						66		
		460.4	PS2						72		
		468.7	PS2			115			64		
		473.0	PS2						76		
		476.9	PS2						84		
		481.2	PS2			016			72		
		486.8	PS2						79		
		493.0	CS2	S			32	300	71		
		499.6	PS2			056			74		
		503.6	CS2	S			19	041	72		
		506.4	PS2						73		
		514.6	PS2						74		
		518.4	CS2	S			20	022	82		
		523.9	PS2						73		
		531.4	PS2						76		
		535.4	PS2						79		
		540.6	PS2						62		
		546.3	PS2						79		
		551.6	PS2						70		
		559.9									45 - Banding in 4644TCA.
	560.0	580.0									Major fault - contorted
											S_2 - no true reading avail.
		580.5	PS2						58		
		585.0	PS2						81		
		591.1	PS2						78		
		596.6	PS2						75		
		600.2	PS2						70		
		605.5	PS2						84		
		610.3							84		

DDH 9DDY-08 (2 / 8)

CURRAGH RESOURCES INC.
Structural Log

Page D of _____

Date: Feb '91 Logged By: J. Brodie

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	
		61.16.0	PS2				85	
		61.22.4	PS2				81	
		62.4.6	PS2				68	
		63.1.8	PS2				76	
		63.7.6	PS2				78	
		64.1.9	PS2				75	
		64.2.2						EOH

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90 DY-08

Units: Feet / Metres Date: JAN/7/91 Logged By: S-ZS-drift Page 1 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0–~~30~~ 40 No	Rough	Alt	Type	40 – ~~30–50~~ 65 No	Rough	Alt	Type	~~50–70~~ No	Rough	Alt	Type	65 ~~70~~–90 No	Rough	Alt	Type	Core Size	Comments
13.1	CASING																						
15.2	2.1	0.2	R_2	6	4	1	20	6	J	—	—	—	—					38	6	6	S		
18.2	2.8	0		7	2	—	—	—	—	—	—	—	—					56	6	6	S		
20.1	1.8	0.4		9	3	—	—	—	—	—	—	—	—					32	6	6	S		
21.2	0.8	0.2		7	2	—	—	—	—	—	—	—	—					19	6	13	S		crushed below 20.8
23.2	1.9	0.4		9	2	—	—	—	—	2	15	10	S					28	10	10	S		
24.8	1.7	0.15		7	2	1	20	6	J	2	8	6	S					23	8	6	S		
26.2	1.4	0.3		9	2	2	20	6	J	—	—	—	—					17	12	13	S		
29.3	3.1	1.2		9	2	2	20	6	J	—	—	—	—					40	7	6	S		
32.3	3.2	0.85		6	3	—	—	—	—	—	—	—	—					58	8		S		
34.3	2.0	1.0		10	2	1	20	6	J	3	15	6	S					19	12		S		
37.5	3.1	1.0		9	2	1	20	6	J	—	—	—	—					45	6		S		
40.7	3.2	1.2		9	1	—	—	—	—	1	12	6	S					48	6		S		
43.9	3.2	1.0		9	1	—	—	—	—	—	—	—	—					43	12		S/J		
47.1	3.1	0.9		9	1	1	20	6	J	—	—	—	—					51	12		S		
49.4	1.9	0.55		9	3	—	—	—	—	4	12	6	S					19	12	V	S		
50.3	0.9	0		5	2	—	—	—	—	—	—	—	—					18	12	13	S		V. stgly bkn below 49.6
53.5	3.3	0.55		9	2	—	—	—	—	—	—	—	—					52	6	6	S		
56.7	3.1	0.8		9	1	3	20	6	J	—	—	—	—					49	6		S		
59.7	3.0	1.9		10	1	—	—	—	—	—	—	—	—					38	10		S		
62.8	3.1	0.8		9	1	1	20	6	J	2	10	6	S					49	10		S		
65.8	3.0	0.9		9	1	—	—	—	—	6	10	6	S					43	10		S		
68.9	2.9	2.1	R_2/R_1	11	1	—	—	—	—	7	15	6	S					24	10		S		
71.9	3.0	1.9	R_2	11	1	—	—	—	—	—	—	—	—					29	10		S		
75.0	3.0	1.9		11	1	1	20	6	J	1	15	6	J					24	15		S/J		
78.0	3.0	2.1		11	1	—	—	—	—	—	—	—	—					21	10		S		
81.1	3.1	2.1		10	1	—	—	—	—	3	12	6	S/J					33	10		S		
84.1	3.0	1.2		10	1	—	—	—	—	—	—	—	—					46	12		S		
87.2	3.1	0.6		7	1	2	18	6	J	—	—	—	—					59	12		S		
90.2	3.0	1.4		9	1	1	12	6	J	—	—	—	—					31	8		S		
93.3	3.0	1.6		10	1	—	—	—	—	1	10	6	S					34	10	V	S		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90 DY - 08

Units: Feet / Metres Date: JAN 17/91 Logged By: B. Zbeetnoff Page 2 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0–40 No	Rough	Alt	Type	40–50 No	Rough	Alt	Type	50–70 No	Rough	Alt	Type	65–90 No	Rough	Alt	Type	Core Size	Comments
94.8	1.5	1.2	R_2/R_4	10	1													11	15	6	S/S		
98.0	3.2	1.2	R_2	11	1	2	20	6	J	1	12	6	J					25	12		S		
101.2	3.2	0.8		9	1					1	10	6	S					41	8		S		
104.4	3.1	1.7		10	1													29	10		S		
107.6	3.2	1.9	↓	11	1													28	12		S		
110.8	3.0	2.2	R_2/R_4	11	1					4	10	6	S					19	10		S		
114.0	3.2	1.0	R_2	9	1													43	10		S		
117.2	3.1	1.6		11	1													20	12		S		
120.4	3.0	1.8		11	1					1	8	6	J					28	10		S		
122.5	1.8	1.3		10	1													19	10		S		
123.7	1.2	0.4		9	1													15	15	V	S		
126.8	2.9	1.3		9	1					8	12	6	S					26	12		S		
129.8	2.8	1.6		11	1	1	18	6	J	6	10	6	S					13	10		S		
132.9	3.0	1.8		11	1					2	8	6	S					21	8		S		
135.9	3.0	2.4		12	1					4	16	6	S					11	10		S		
139.0	3.1	2.5		12	1													14	12		S		
142.0	3.1	1.3		9	1					2	18	6	J					29	12		S		
145.1	3.0	1.4		9	1					2	18	6	J					25	10		S		
148.1	3.0	1.2		10	1					1	18	6	J					34	14		S		
151.2	3.1	0.9		9	1	2	20	6	J	7	20	20	J					20	14		S		
154.2	3.0	1.7		10	1	4	18	6	J									25	8		S		
157.3	3.0	2.2		10	1					3	20	14	J					21	8		S		
160.3	3.0	1.0		9	1	2	20	12	J	1	20	8	J					35	12		S		CRUSHED 158.8
162.9	2.5	0		6	1	2	20	10	J	1	20	10	J					49	14	V	S		Slightly Weathered.
166.0	2.9	0.6		7	1	1	18	8	J	2	18	8	J					37	12	6	S		
169.2	3.1	1.6		10	1	1	18	6	J	4	10	8	S					30	12	8	S		
172.4	3.0	1.9		9	1													20	12	6	S		
175.6	3.2	2.1		11	1					8	14	8	S					10	14	12	S		
178.6	2.9	0.9	↓	7	1	7	20	18	G	18	18	8	S					12	20	10	J		GOUGE 175.8 - 6.6
181.7	3.0	0.8		9	1	4	18	14	J	4	14	10	J					38	14	10	J		GOUGE 181.4 - 1.7

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90 DY - 08

Units: Feet / Metres Date: JAN 18/91 Logged By: J. Zbeetnoff Page 3 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0–40 No	Rough	Alt	Type	40–65 No	Rough	Alt	Type	65–90 No	Rough	Alt	Type	Core Size	Comments
184.7	3.0	1.1	R_3	11	1	4	20	6	J	3	20	6	J	20	12	6	S		
186.8	2.1	0.2	|	5	1	3	20	10	J	2	12	6	S	16	12	6	S		crushed below 186.0
190.0	3.2	0.6	|	9	1	8	12	16	J	4			J/S	22	14	13	S		
193.2	3.2	1.8	V	11	1	6	12	16	J	18	18	13	J	2	14	6	S		
196.4	3.2	0.8	S_1	7	1	8	12	16	G	10	14	10	J	14	14	10	S/S		Open fault gouge locally
199.6	3.1	1.1	R_1	9	1	—	—	—	—	2	12	6	S	32	12	6	S		
202.8	3.2	2.0	|	11	1	1	10	13	J	2	10	6	J/J	28	12	6	S		
206.0	3.0	2.9	|	12	1	—	—	—	—	—	—	—	—	14	10	|	S		
209.1	2.9	2.7	|	13	1	—	—	—	—	—	—	—	—	14	8	|	S		
212.1	3.0	1.5	|	10	1	2	10	6	J	1	12	6	J	30	14	|	S		
215.2	3.1	1.3	|	9	1	5	12	6	J	6	14	6	S/S	22	12	|	S		
218.2	3.0	1.0	|	9	1	—	—	—	—	—	—	—	—	41	14	|	S		10cm gouge J. 217.9
221.3	3.0	1.7	|	10	1	2	14	6	J	4	20	6	J	26	14	|	S		
224.3	2.9	1.0	|	7	1	—	—	—	—	4	12	6	S	40	12	|	S		
227.4	2.9	1.6	|	10	1	—	—	—	—	—	—	—	—	30	12	|	S		
230.4	3.1	1.1	|	9	1	—	—	—	—	—	—	—	—	30	12	|	S		
233.5	3.0	1.7	|	11	1	2	12	13	J	5	12	6	S	21	12	|	S		
236.5	2.9	1.6	V	10	1	—	—	—	—	2	20	6	J	27	14	V	S		
CONTINUED ON NEXT PAGE																			

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-08

Units: Feet / Metres Date: Jan 23/91 Logged By: D. Halliwell Page 4 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES w.r.t. CA 0–30 No	0–30 Rough	0–30 Alt	0–30 Type	30–50 65 No	30–50 65 Rough	30–50 65 Alt	30–50 65 Type	50–70 No	50–70 Rough	50–70 Alt	50–70 Type	65 70–90 No	65 70–90 Rough	65 70–90 Alt	65 70–90 Type	Core Size	Comments
239.6	3.0	0.9+	R2	12	1	0	–	–	–	0	–	–	–					13+	12	9.0	S	NQ	
242.6	2.9	0.9	R2	10	1	1	16	10.0	J	1	15	10.0	J					54	13	3.0	S		
245.7	3.2	1.1	R2	9	1	0	–	–	–	2	6	10.0	GJ					36	13	6.0	S		clayey fault gouge
248.7	3.1	0.9	R2	9	1	0	–	–	–	1	16	10.0	J					49	14	3.0	S		
251.8	3.2	0.8	R2	8	1	0	–	–	–	3	15	10.0	J					43	13	3.0	S		
254.5	2.8	0.65	R2	9	1	0	–	–	–	1	14	10.0	S>G					43	13	3.0	S		clayey fault gouge
257.7	3.3	0.6	R2	9	1	0	–	–	–	2	16	10.0	J					69	13	3.0	S		
260.9	3.3	0.6	R2	12	1	1	14	10.0	J	2	16	10.0	J					63	13	3.0	S		
264.0	3.1	0.7	R2	7	1	2	16	10.0	J	2	15	10.0	J					74	13	3.0	S		
265.9	2.0	0.6	R3	8	1	2	16	10.0	J	2	14	10.0	J					35	13	6.0	S		
266.4	0.5	0.3	R4	13	1	0	–	–	–	0	–	–	–					4	16	10.0	S		
269.6	3.1	1.0	R2	12	1	0	–	–	–	2	16	10.0	J					22	14	9.0	S		
272.8	3.3	0.9	R2	11	1	1	13	10.0	J	6	15	10.0	S					65	12	10.0	S		
276.0	3.2	0.6	R2	12	1	0	–	–	–	2	14	10.0	S					46	13	3.0	S		
279.2	3.05	1.4	R2	14	1	0	–	–	–	1	14	10.0	S					36	13	6.0	S		
282.2	3.1	1.3	R2	11	1	0	–	–	–	1	14	10.0	S					44	13	3.0	S		
285.3	3.0	1.6	R2	11	1	0	–	–	–	2	15	10.0	J					41	12	3.0	S		
287.6	1.8	0.4	R2	8	1	2	14	10.0	J	4	14	10.0	J					23	12	6.0	S		
289.6	2.0	0.3	R2	8	1	1	16	10.0	J	4	16	10.0	J					49	12	3.0	S		
292.8	3.0	1.6	R2	11	1	1	16	10.0	J	0	–	–	–					34	12	3.0	S		
296.0	3.3	0.3	R2	8	1	1	17	10.0	J	3	14	10.0	J					87	12	3.0	S		
297.3	1.2	0.1	R2	7	1	2	16	10.0	J	2	14	10.0	S					23	13	10.0	S		
300.5	3.4	0.5	R2	9	1	3	14	10.0	J	3	14	10.0	J					42	12	10.0	S		
303.6	3.5	0.3	R2	9	1	4	14	10.0	J	2	13	10.0	J					56	12	3.0	S		
306.6	3.0	1.2	R2	10	1	1	17	10.0	J	1	12	10.0	J					43	12	3.0	S		
308.5	1.7	0.2	R2	6	2	2	16	10.0	J	3	14	10.0	J					38	11	6.0	S		
311.8	3.1	1.0	R2	9	1	1	16	10.0	J	3	16	10.0	J					47	12	3.0	S		
315.0	3.0	1.9	R3	14	1	0	–	–	–	1	16	10.0	J					19	13	12.0	S		
318.2	3.2	2.0	R3	15	2	1	15	10.0	J	2	14	10.0	J					25	14	10.0	S		
321.4	3.2	2.5	R3	15	1	0	–	–	–	1	13	10.0	J					20	13	10.0	S		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-98

Units: Feet / Metres Date: Jan 23/91 Logged By: D. Halliwell Page 5 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES w.r.t. CA 0–30 No	0–30 Rough	0–30 Alt	0–30 Type	30–50 65 No	30–50 65 Rough	30–50 65 Alt	30–50 65 Type	50–70 No	50–70 Rough	50–70 Alt	50–70 Type	65 70–90 No	65 70–90 Rough	65 70–90 Alt	65 70–90 Type	Core Size	Comments
324.6	3.2	2.0	R3	12	2	0	—	—	—	2	15	10.0	J					24	14	6.0	S	NQ	
327.8	3.1	2.9	R3	14	1	0	—	—	—	2	14	10.0	S					26	14	6.0	S		
331.0	3.1	2.2	R3	15	1	0	—	—	—	1	14	10.0	S					16	13	10.0	S		
333.0	1.9	1.2	R2	14	1	1	16	10.0	J	3	14	10.0	S					16	14	10.0	S		
336.2	3.2	2.0	R2	13	1	0	—	—	—	0	—	—	—					15	14	10.0	S		
339.4	3.2	2.5	R2	15	1	0	—	—	—	1	11	10.0	S					16	12	10.0	S		
342.3	2.65	0.4	R2	6	1	1	16	10.0	J	0	—	—	—					88	13	3.0	S		
343.9	0.9	0.0	R2	6	1	1	16	10.0	J	0	—	—	—					18	13	3.0	S		
346.3	2.8	1.3	R2	13	1	0	—	—	—	1	13	10.0	J					23	12	4.0	S		
349.3	3.1	1.7	R2	13	1	1	16	10.0	J	1	16	10.0	J					26	12	6.0	S		
352.3	3.0	2.0	↓	11	↓	1	16	6	J	2	14	6	J					22	10	6	S		
355.4	3.1	1.2		6		—	—	—	—	2	14	6	J					35	8	6	S		
358.4	3.1	1.1		9		5	16	6	J	7	14	6	J					25	10	6	S		
361.5	3.0	1.3		9		—	—	—	—	1	16	6	J					29	10	6	S		
364.5	3.0	2.2		12		—	—	—	—	1	16	6	J					23	12	6	S		
367.6	3.0	1.1		9		2	16	6	J	1	14	6	J					34	8	6	S		
370.6	3.1	1.5		10		—	—	—	—	5	16	6	J					28	10	6	S		
372.8	2.1	0.1		6		1	20	6	J	4	16	6	J					29	8	6	S		
376.0	3.2	1.3	↓	11		3	20	6	J	1	20	6	J					24	12	6	S		V. stgly blk below 375.5
379.2	3.2	2.1	R2/R3	11		—	—	—	—	6	16	6	J					18	12	6	S		
382.4	3.0	2.3	R2	14		—	—	—	—	1	16	6	J					15	12	6	S		
385.6	3.2	1.7		13		—	—	—	—	2	12	6	S					29	10	6	S		
386.0	0.4	0.3		11		—	—	—	—	—	—	—	—					4	10	6	S		
388.9	2.8	2.4		14		—	—	—	—	—	—	—	—					20	10	6	S		
392.0	3.0	2.2		12		—	—	—	—	—	—	—	—					20	8	6	S		
395.0	2.9	1.6		11		—	—	—	—	—	—	—	—					28	10	6	S/S		
398.1	3.0	1.8		10		1	18	6	J	3	12	6	S					26	12	6	S		
401.1	3.0	2.4		13		1	20	6	J	—	—	—	—					17	10	6	S		
404.2	3.0	1.8	↓	11	↓	—	—	—	—	—	—	—	—					23	12	6	S		
CONTINUED																							

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90-DY-08

Units: Feet / Metres Date: JAN 31/91 Logged By: Page 6 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0 - 30 No	Rough	Alt	Type	30 - 65 No	Rough	Alt	Type	65 - 90 No	Rough	Alt	Type	COMMENTS
405.4	1.0	0.4	R_2	9	1	2	14	6	J	1	14	6	J	10	10	6	S	
408.6	3.1	0.8	R_2	9		5	18	6	J	3	16	6	J	28	12	6	S	
409.8	1.2	0.4	R_2	9						4	12	6	S/S	10	12	6	S	
412.4	2.6	1.3	R_2	9						1	18	6	J	24	12	6	S	
415.1	2.7	0.6	R_2	9										33	12	10	S	MINOR GOUGE LOCALLY.
418.3	3.2	1.3	R_2	9						1	10	6	S	32	10	6	S	
421.5	3.2	0.9	R_2/R_1	9		1	16	6	J	1	16	6	J	28	12	6	S	
423.4	1.3	0.2	R_2	6		1	14	10	J					22	12	10	S	V. strongly broken locally crushed
425.5	1.9	0.2		9										25	10	6	S	
428.5	2.9	1.0		9						1	12	6	J	32	8	6	S	
430.8	1.9	0.5		9						5	10	10	S	25	14	6/10	S/S	
432.1	1.1	0.1		9		1	12	10	J	3	12	10	J	11	12	10	S	
434.8	2.7	0.2		9		2	12	10	J	10	10	10	S/S	20	12	10	S	SPORADIC GOUGE BANDS.
437.7	2.7	2.0		10						1	12	6	J	17	10	6	S	
439.2	1.3	0		3		1	20	16	J					4	20	16	S	Crushed @ minor gouge
440.4	1.1	0.1		4		1	12	16	J	2	12	16	J	10	12	10	S	Locally crushed @ mod gouge
442.1	1.7	0		3		3	12	16	J	1	12	16	J	14	12	16	S	strongly broken narrow gouge bands common
443.5	1.4	0	V	6		2	12	16	J	4	12	16	J	11	12	10	S	strongly broken gouge common
446.7	3.2	1.3	R_2	9		5	8	16	J					23	10	10	S	minor gouge
449.9	3.2	0.8	S_1	1/9						6	10	16	J	17	12	6	S	100% gouge below 448.6
452.9	3.0	0	S_1	1/6						5	10	16	J	4	12	10	S	100% gouge above 452.0
454.2	1.3	0	R_2	6		11	10	10	J	9	10	10	J	3	12	60	J	
456.0	1.8	0		6		6	12	10	J					17	12	6	S	
458.9	2.6	0.8		9										30	12	6	S	
462.1	3.1	2.0		9						4	10	10	J	23	12	6	S	
464.8	2.9	1.1		9						10	12	6	S/J	22	12	6	S	20cm gouge band @ 462.3
468.2	3.0	1.7		11						4	12	6	S	18	12	6	S	
470.2	1.9	0.1	V	6	V									27	12	6	S/J	
CONTINUED																		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90-DY-08

Units: Feet / Metres Date: JAN 31/91 Logged By: J. Zhe... Page 7 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0 - ~~10~~ 30 No	Rough	Alt	Type	30 ~~40~~ - ~~60~~ 65 No	Rough	Alt	Type	65 ~~60~~ - 90 No	Rough	Alt	Type	COMMENTS
473.4	3.2	0.85	R_2	9	1	1	14	10	J	7	12	10	J	27	10	10	S	
475.7	2.4	0.3		9						1	20	16	J	31	12	10	S	
479.1	3.3	0.9		9						2	12	10	J	36	12	10	S	Crushed @ gouge 478.5 & below
481.0	1.7	0.2		9		4	10	10	J					23	12	10	S	Minor gouge bands
482.8	2.1	0.1		6		1	10	10	J					27	10	6	S	Minor gouge bands
484.3	1.3	0		6		1	12	6	J					28	16	6	S	
485.1	0.95	0		6										15	14	6	S	
487.4	2.1	0.2		6										31	12	6	S	Minor crushed zones ± gouge
490.6	3.2	0.85		7		3	16	10	J					37	14	6	S	
492.1	1.4	0		6		1	10	6	J					27	12	6	S	rarely crushed
495.3	3.1	0.8		9		2	12	10	S					32	12	10	S	
496.2	0.8	0.1	R_4	9						4	12	6	J	9	12	6	J/S	Qtz vn
496.7	0.4	0.1	R_4	9		5	10	6	J									Qtz vn
498.2	1.3	0.4	R_4	7		4	10	6	J					12	12	6	S	Qtz vn
500.6	2.5	0.6	R_2	7		3	12	6	J	1	12	6	J	25	12	6	S	
503.4	2.6	0.45	R_2	7						2	14	6	J	34	14	6	S	
506.7	3.4	0.3	R_2	7		1	16	6	J					48	14	6	S	
507.6	0.9	0	S_1	3														100% crushed
508.4	0.25	0	R_2	3														100% crushed
509.9	1.6	0	R_2	7		2	12	10	J					17	12	10	S	crushed above 508.5
511.3	1.4	0.35	R_2	7		2	16	6	J	2	14	6	J	15	12	10	S	
514.5	3.2	1.7	R_2	9										33	12	6	S	
516.0	2.2	0.2		7		2	20	6	J					29	8	6	S	
518.2	1.4	0		6		1	16	10	J	6	12	6	S	37	12	6	S	commonly v. sty, blk - crushed
521.4	3.2	1.5		9						10	10	6	S	22	10	6	S	
524.6	3.2	2.2		13		3	10	10	J	1	12	6	J	14	12	6	S	Mod. healed shear @ 524.1 - 524.6
527.8	3.2	3.0		13										15	10	6	S	
531.0	2.9	2.0		13		4	14	6	J					16	12	6	S	

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90-DY-08

Units: Feet / Metres Date: FEB 1ST 1991. Logged By: J. Zbiwski Page 8 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0 – ~~40~~ 35 No	Rough	Alt	Type	35 ~~40~~ – ~~60~~ 65 No	Rough	Alt	Type	65 ~~60~~ – 90 No	Rough	Alt	Type	COMMENTS
534.2	2.1	0.95	R_2	12	1	1	14	10	J	1	12	6	J	16	10	6	S	
536.3	1.9	0.9	R_2	9	1					1	14	10	J	25	10	6	S	
538.3	0.9	0		7		7	10	10	J					21	12	6	S	
539.2	1.1	0		6		2	10	16	J					14	12	10	S	
540.4	1.2	0.6		10		3	16	6	J	7	12	6	S	3	14	6	S	
541.3	0.9	0.3		9		2	20	6	J	7	12	6	S					
543.5	2.2	0.3		6	2	5	16	6	J	11	12	6/10	J	16	10	6	S	Local gouge and crushed zones
545.3	2.0	0.2	R_1	6/2	5	3	12	16	G	6	12	16	G	24	12	16	G/S	
547.4	2.0	0.2	R_1	7/2	5	1	14	10	J	11	12	16	G/J	19	12	12	G/S	
549.6	2.2	0.1	R_1	6/2	5					9	12	16	J	23	12	12	G/S	
551.8	2.4	0	S_5	2	5					11	12	16	J	20	14		G/J	40% gouge 60% v. stgly bkn / crushed
552.4	0.6	0	R_1	2	5					7			G					60% gouge
553.7	1.2	0	S_2	2	5	13	10	16	G	5	10	16	G	5	10	16	G	80% gouge 20% rubble
NO CORE																		
554.1	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0% recovery
NO CORE																		
554.9	0	0	-1	-1	5	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0% recovery
555.8	0.25	0	-1	1	5	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	60% gouge 40% rubble
556.7	0.9	0	S_2	1	5													95% gouge
557.0	0.1	0	S_2	1	5													100% crushed
557.5	0.5	0	R_1	2	5													100% crushed
557.8	0.05	0	R_2	-1	-1													100% rubble
558.1	0.3	0	R_2	3	2													100% crushed
558.7	0.55	0	R_2	3	2													90% crushed 10% gouge
560.4	1.5	0.3	R_2	6	2/5	1	14	16	G	4	12	10	S	10	14	6	S	30 cm gouge at end (ore)
561.3	0.5	0.1	S_2/R_2	1/9	2/5	3	14	10	J	-1	-1	-1	-1	-1	-1	-1	-1	100% gouge below 560.7
562.2	0.9	0	S_2	1	5	-1	-1	-1	-1									100% gouge
563.9	1.7	0	S_2	1	5													100% gouge
565.9	1.7	0	S_2	1	5													100% gouge

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90-DY-08

Units: Feet / Metres Date: FEB 1/91 NQ Logged By: J. Beckett Page 9 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0–30 No	0–30 Rough	0–30 Alt	0–30 Type	30–65 No	30–65 Rough	30–65 Alt	30–65 Type	65–90 No	65–90 Rough	65–90 Alt	65–90 Type	90–90 No	90–90 Rough	90–90 Alt	90–90 Type	Core Size	Comments
568.8	2.9	0.1	R_1	6	2	4	12	16	G	22	12	16	G	10	12	16	G						Gouge below 568.5
571.8	3.0	2.3	R_1	14	5	2	16	16	J	2	16	10	J	6	14	10	J						Gouge above 569.1
573.0	1.1	0.2	R_1/S_2	1	5	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1						Crushed and gouge below 572.0
574.9	1.3	0	S_2	1	5	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓						100% crushed and gouged
575.8	0.9	0	S_2	2	4	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			↓			
577.0	1.1	0.1	S_2	2	4	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓						
577.7	0.7	0	S_2	2	4	—	—	—	—	4	10	16	G	—	—	—	—						Very strong broken, gouge throughout
579.0	1.1	0	R_1	7/2	4	8	10	16	G	7	10	16	G	—	—	—	—						
580.9	1.9	0.2	R_1	9	4	3	10	16	G	11	10	16	G	17	20	10	G						
582.8	2.0	0	R_1	2	4	3	10	16	G	—	—	—	—	24	10	16	G						crushed and gouged throughout
584.0	1.2	0	R_1	2	4	3	14	10	J	2	12	10	J	19			J/G						
585.8	1.7	0	S_2/R_1	2	4	—	—	—	—	—	—	—	—	25	10	16	G			↓			
586.4	0.7	0	R_1	3	4	6	14	10	J	—	—	—	—	10	10	16	G						
587.7	0.9	0	R_1	3	4	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	—		↓			
590.8	3.2	0.8	R_2	6	1	9	16	6	J	—	—	—	—	25	12	6	S						NO GOUGE, rarely crushed
593.4	2.6	0.9	↓	9	2	8	14	10	J	2	14	6	J	16	12	6	S						
596.2	2.8	0.7		6	2	9	14	16	G	4	14	10	J	19	12	6	S						SPORADIC CRUSHED & GOUGE (25cm)
597.9	1.7	0.2		3	1	—	10	6	J	—	—	—	—	32	10	6	S						
599.5	1.8	0		3	1	5	12	16	G	2	14	6	S	39	10	6	S						
601.1	1.5	0		3	1	9	10	10	J	—	—	—	—	43	10	6	S						
603.0	2.0	0		3	1	4	14	10	J	5	14	6	J	45	10	6	S						
605.3	2.3	0.3			1	4	14	6	J	—	—	—	—	43	10	6	S						
607.3	2.1	0.2			1	4	14	6	J	2	10	6	J	29	10	6	S						
609.3	1.8	0.5			1	3	14	6	J	2	12	6	J	20	10	6	S						
611.0	1.8	0.4	↓		1	5	14	6/10	J	3	12	6	J	22	14	6	S						
613.6	2.4	0.7	R_1			2	14	6/10	J	3	12	6/10	J	28	12	6/10	S						
616.9	3.1	1.5	R_1			—	—	—	—	4	12	6/10	J	32	10	6	S						
618.7	1.8	0.3	R_1			—	—	—	—	5	12	10	J	16	10	6/10	S						

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90-DY-08

Units: Feet / Metres Date: FEB 1/91 Logged By: S. 26. Page 10 of

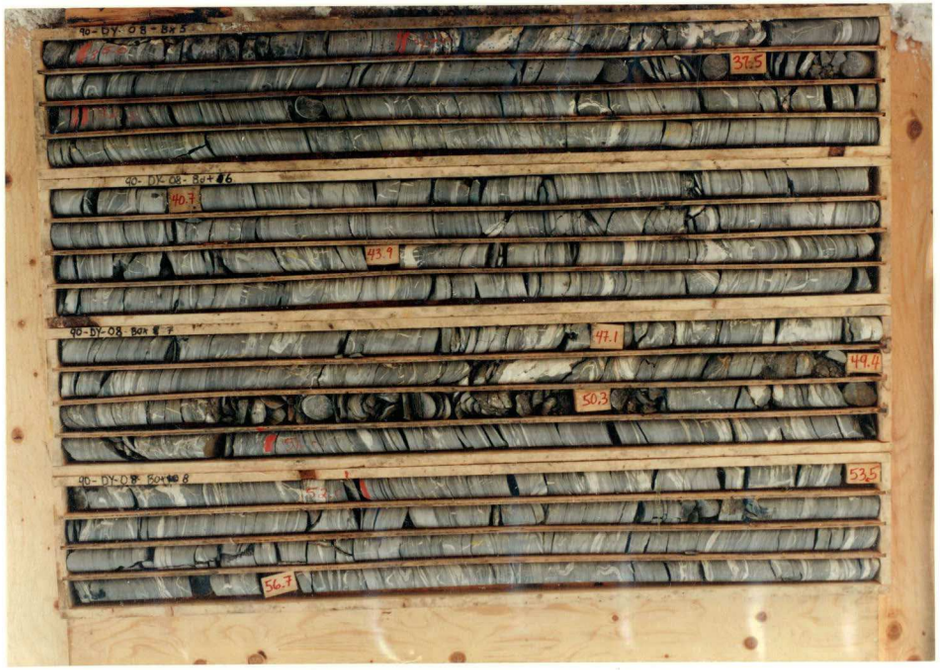
NQ

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0–30 No	0–30 Rough	0–30 Alt	0–30 Type	30–65 No	30–65 Rough	30–65 Alt	30–65 Type	65–70 No	65–70 Rough	65–70 Alt	65–70 Type	70–90 No	70–90 Rough	70–90 Alt	70–90 Type	Core Size	Comments
620.0	1.2	0	R_2	3	1	—	—	—	—	5	20	6/10	J	14	14	6	S	Minor gouge in fracture					
621.6	1.6	0.7	|	4/9	1	1	20	6/10	J	3	16	6	J	12	12	6	S						
624.8	3.1	0.9	|	6	1	2	20	6	J	7	20	6	J	36	8	6	S						
627.3	2.5	0.7	|	6	1	4	16	6	J	7	16	6	J	25	10	6	S						
630.3	2.9	0.7	V	9	3	3	16	6	J	4	14	6	J	19	10	6/10	S	Sporadic crush gouge				<2cm wide	
633.7	3.1	0.5	R_1	7	3	—	—	—	—	6	12	6/16	J	38	12	6/10	S						
636.1	2.4	0.3	R_1	7	3	3	10	6/10	J	3	—	—	—	25	12	6	S	Sporadic gouge				<2cm	
639.2	3.0	0.3	R_1	9	3	2	10	16	G	4	12	10	J	26	14	6	S	Sporadic gouge				<10cm	
641.0	1.7	1.1	R_1	10	3	2	16	6	J	—	—	—	—	12	12	6	S						
641.5	0.5	0	R_1	7	3	—	—	—	—	—	—	—	—	8	12	6/10	S						
641.8	0.3	0	R_2	7	1	3	14	6	J	—	—	—	—	4	12	6	S						
642.2	0.4	0.3	R_3	14	1	—	—	—	—	—	—	—	—	3	12	6	S						
EOH																							

90 DY 08 1 of 15









90DY08 2 of 15

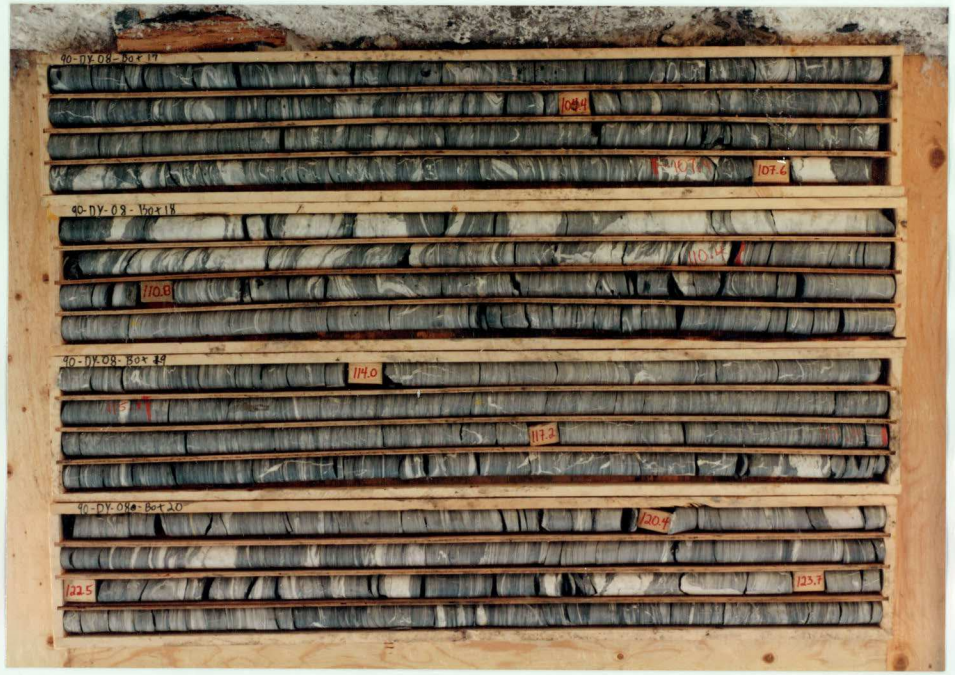






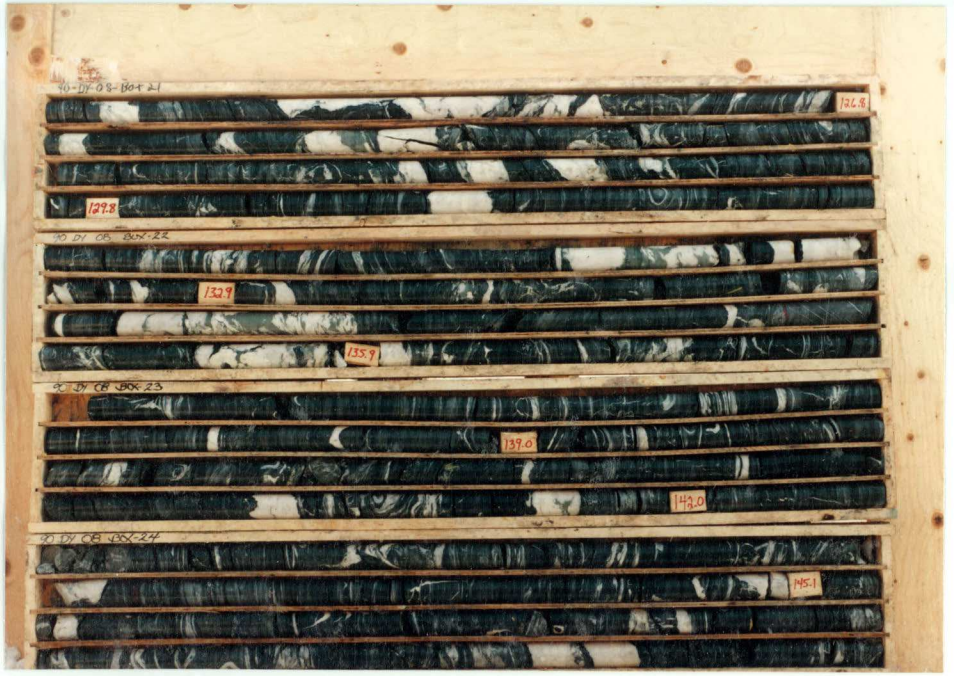


90DY08 3 of 15



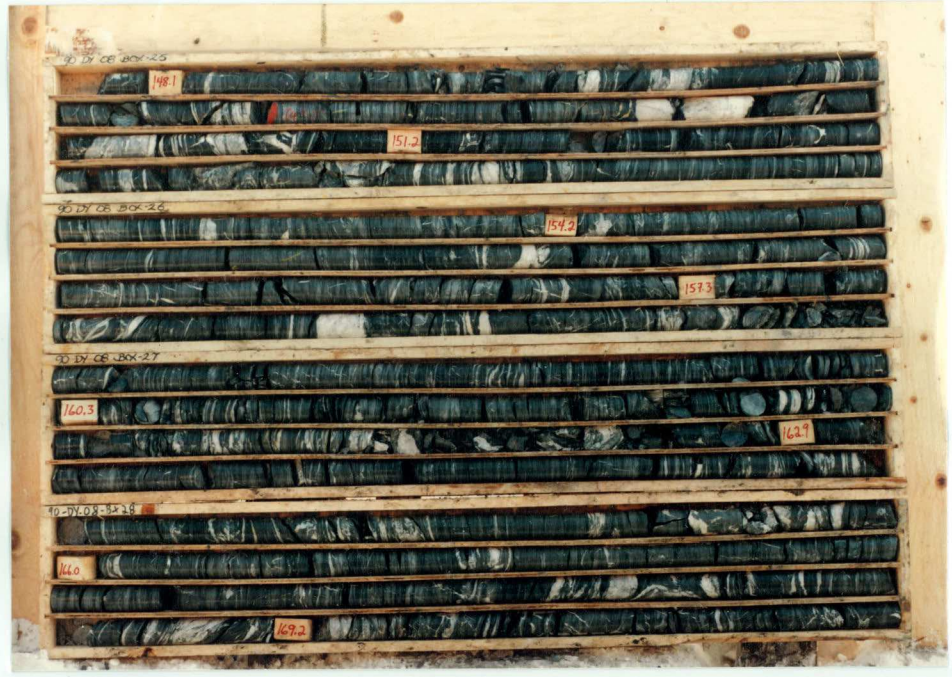




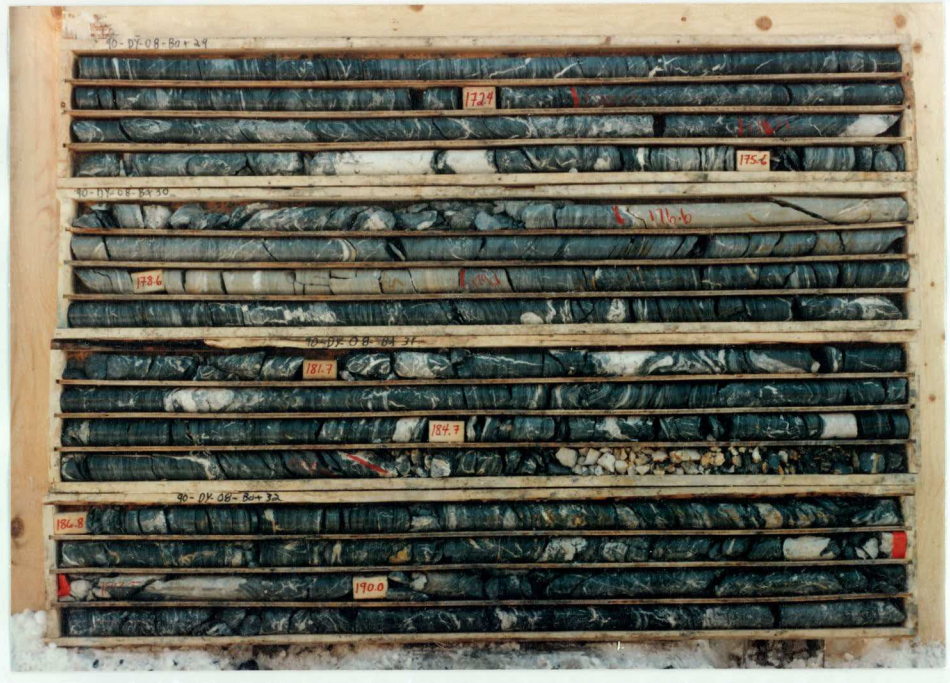


90 DY 08 4 of 5

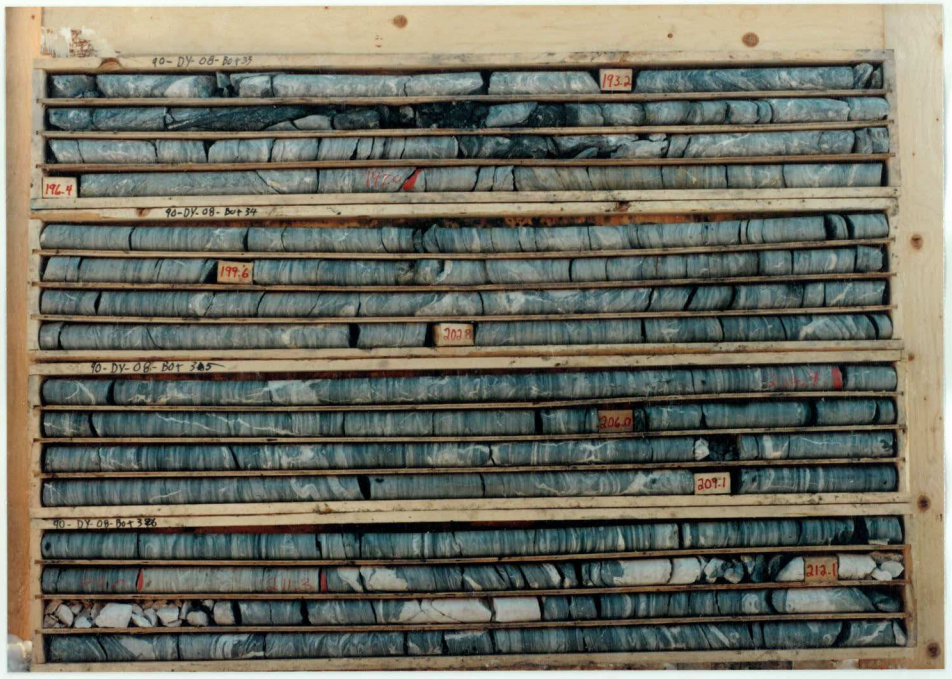

90 DY 08 BOX-25
148.1
151.2
90 DY 08 BOX-26
154.2
157.3
90 DY 08 BOX-27
160.3
162.9
90-DY-08-BOX 28
166.0
169.2


90 DY 08 BOX-25
148.1
151.2
90 DY 08 BOX-26
154.2
157.3
90 DY 08 BOX-27
160.3
162.9
90-DY-08-BOX 28
166.0
169.2

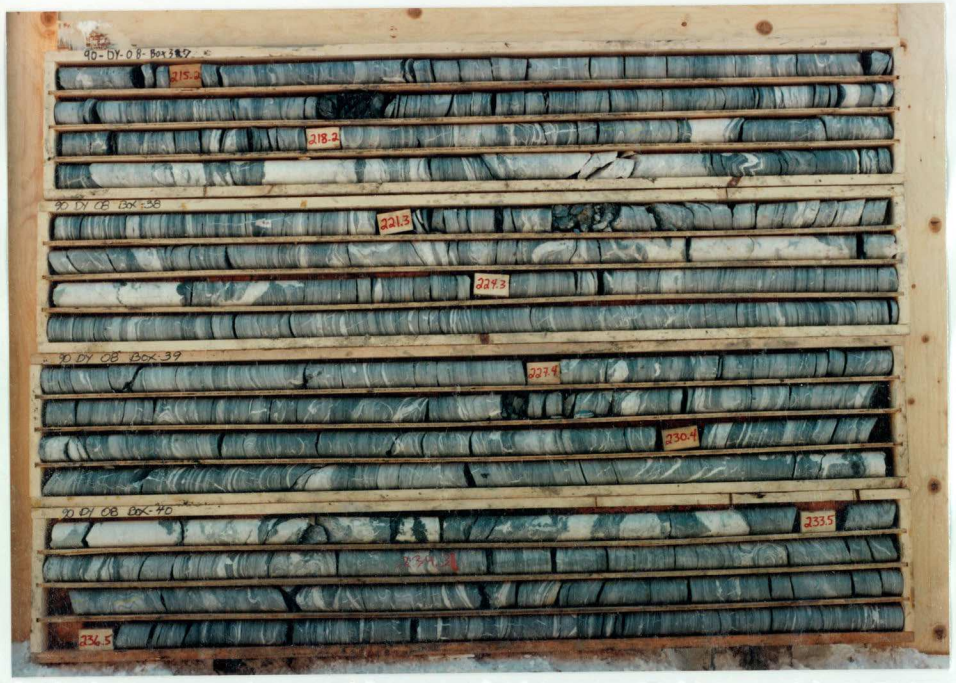

90-DY-08-BOX 29
172.4
175.6
90-DY-08-BOX 30
176.6
178.6
90-DY-08-BOX 31
181.7
184.7
90-DY-08-BOX 32
186.8
190.0

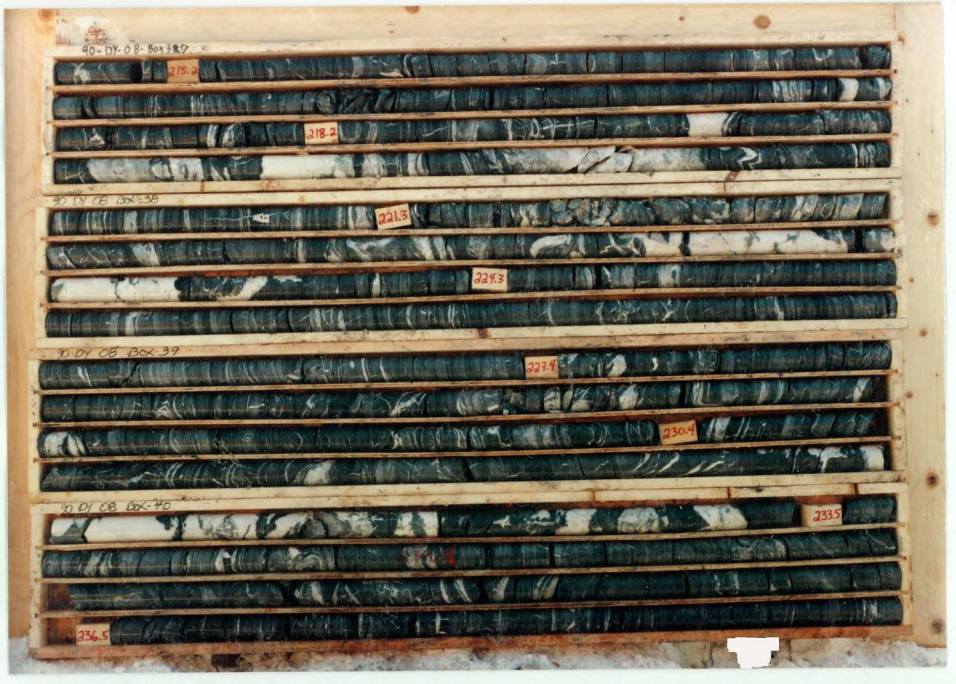

90-DY-08-BOX 29
172.4
175.6
90-DY-08-BOX 30
176.6
178.6
90-DY-08-BOX 31
181.7
184.7
90-DY-08-BOX 32
186.8
190.0

90DY08 5 of 15



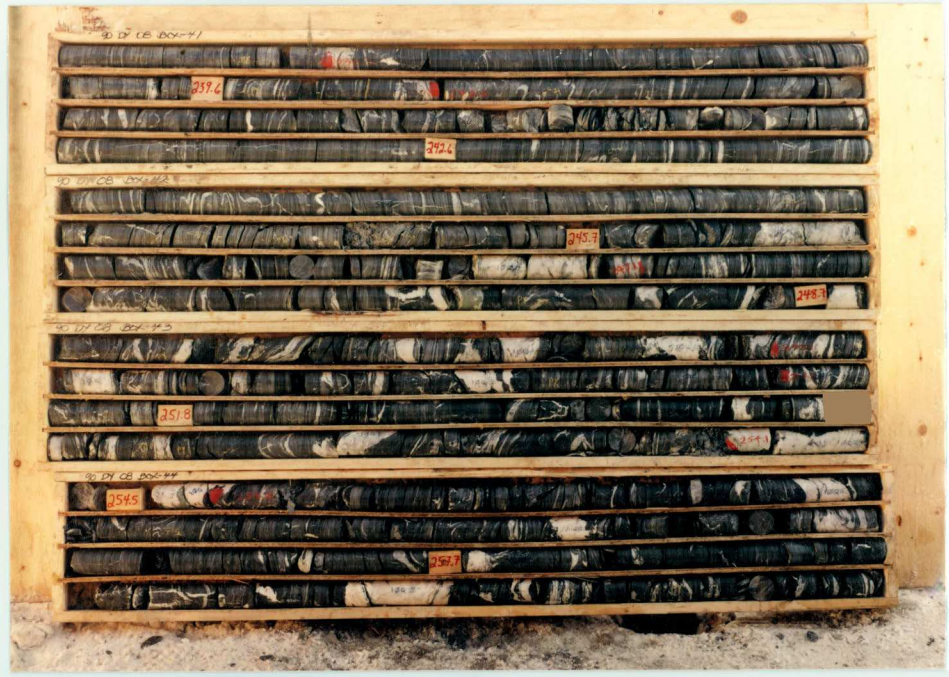






90DY08 6 of 15







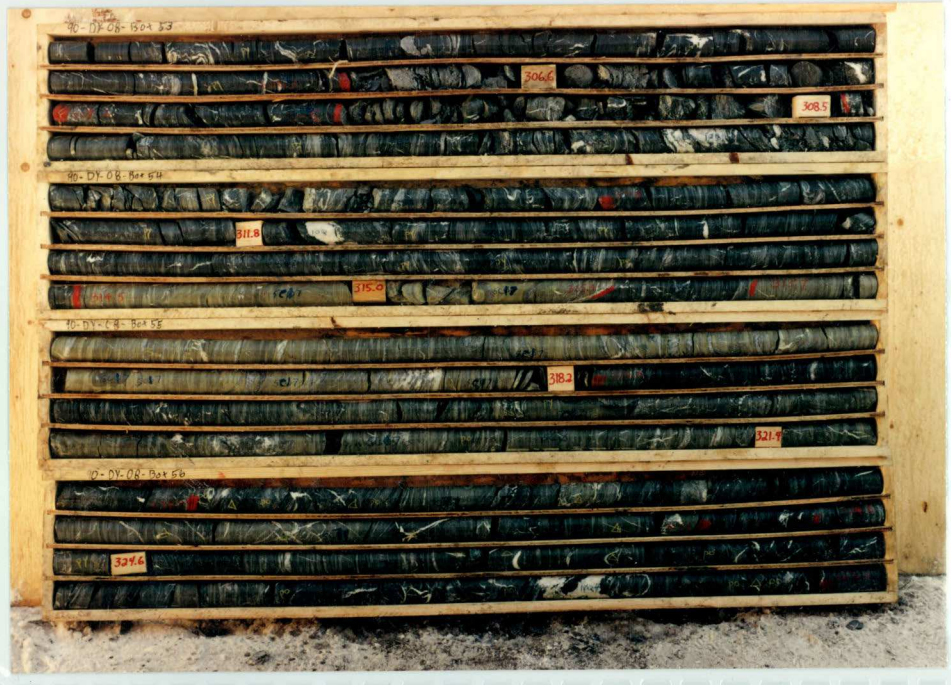


90DY08 7of15









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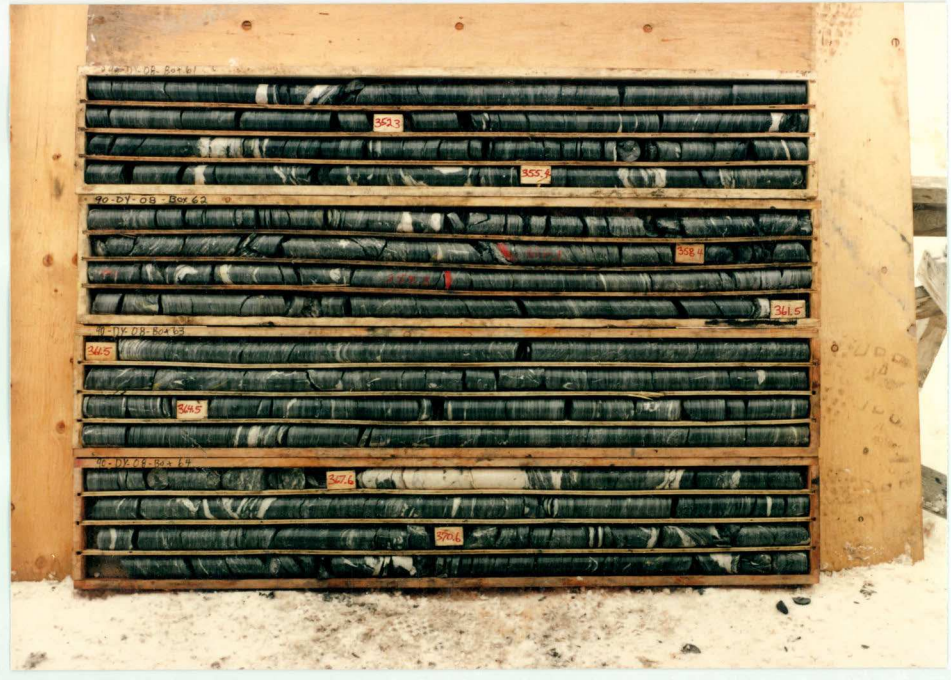

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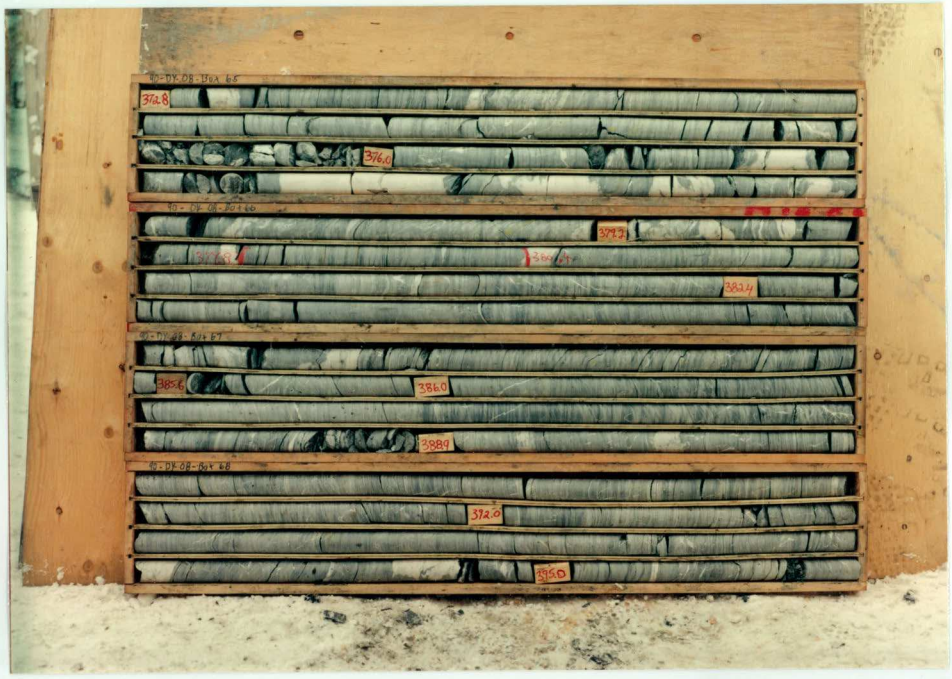



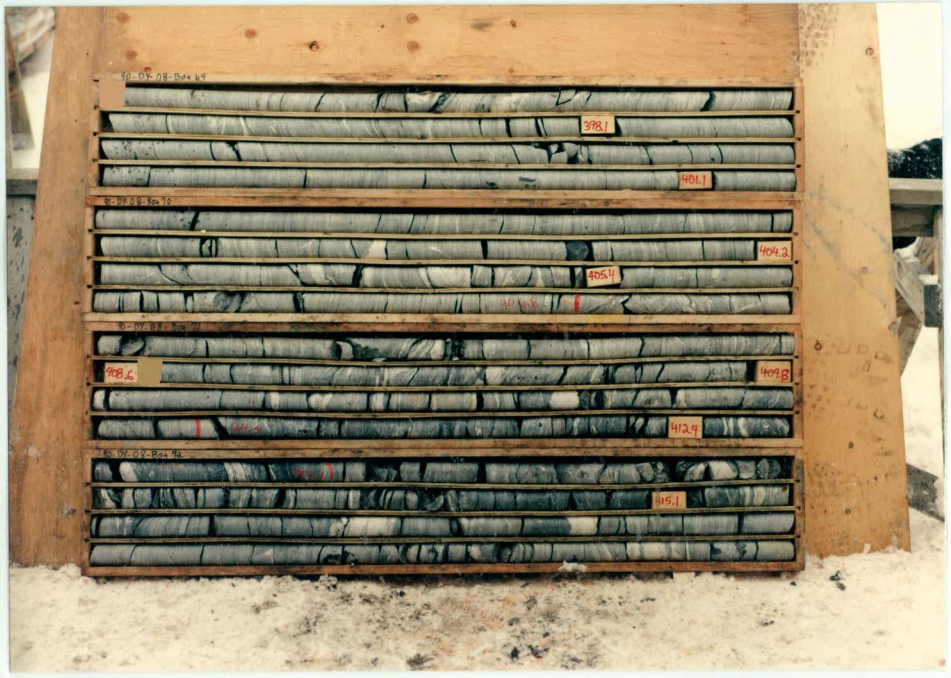

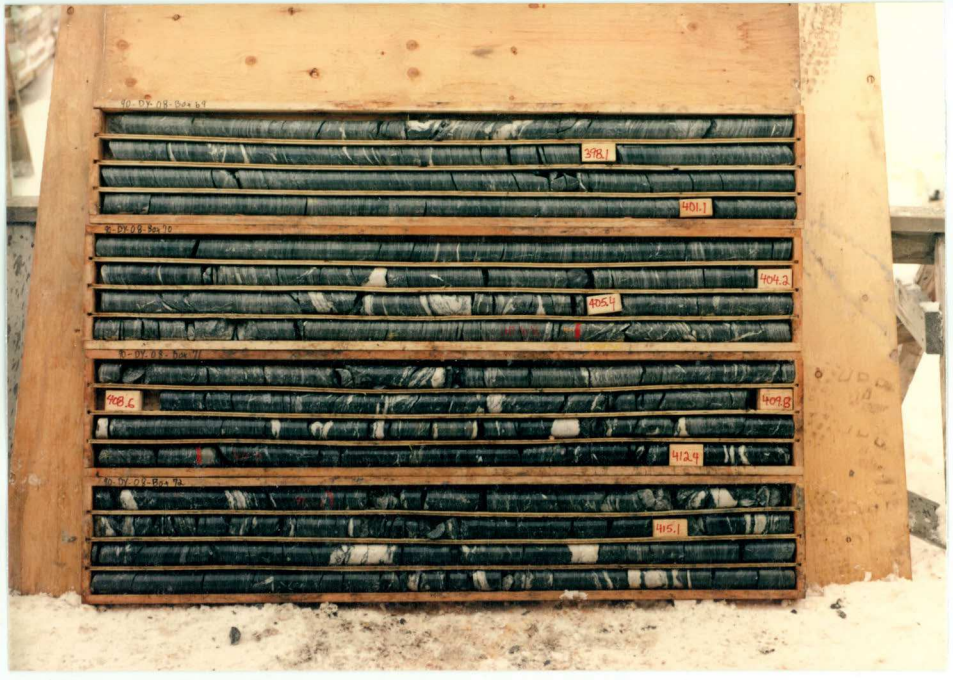

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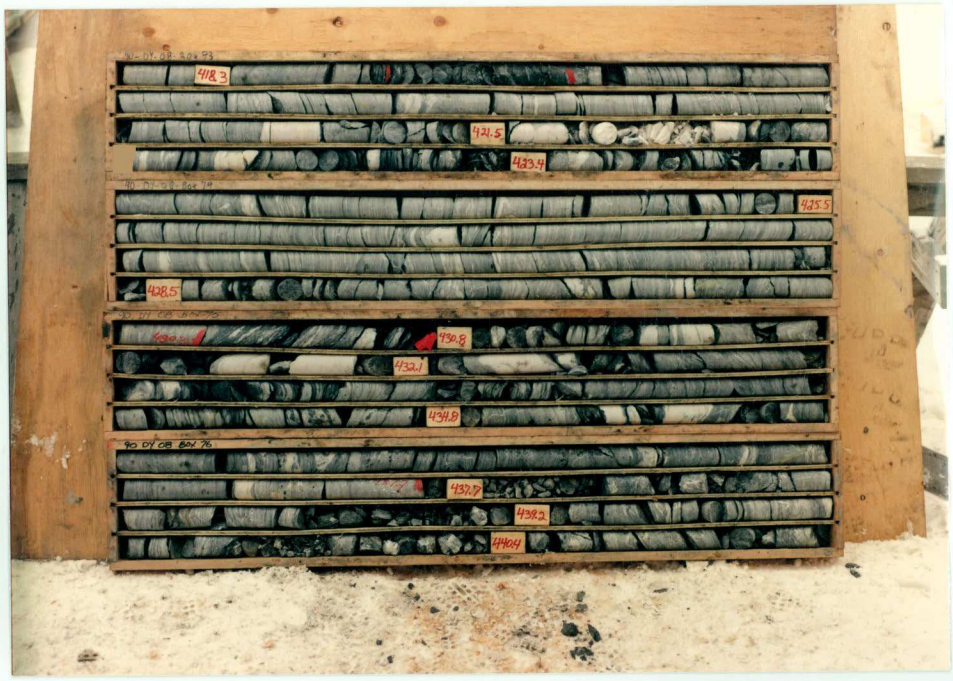
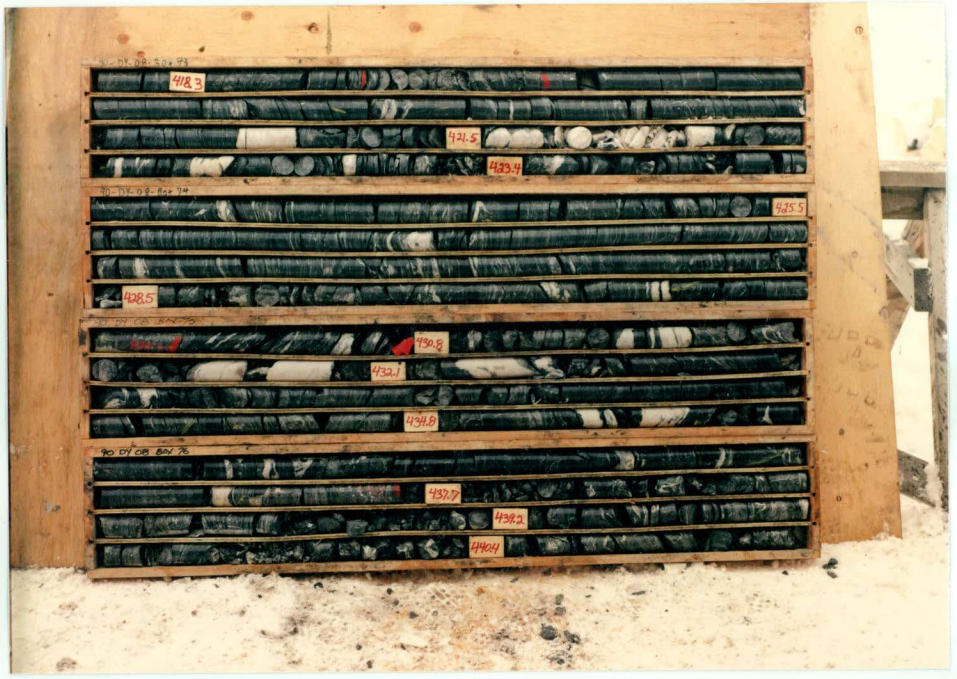
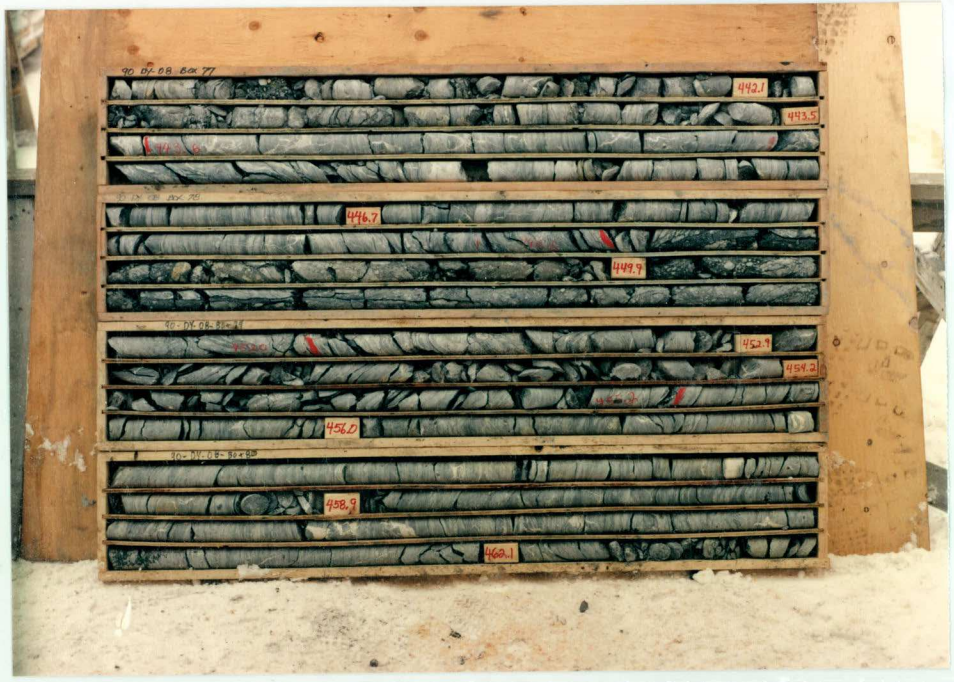
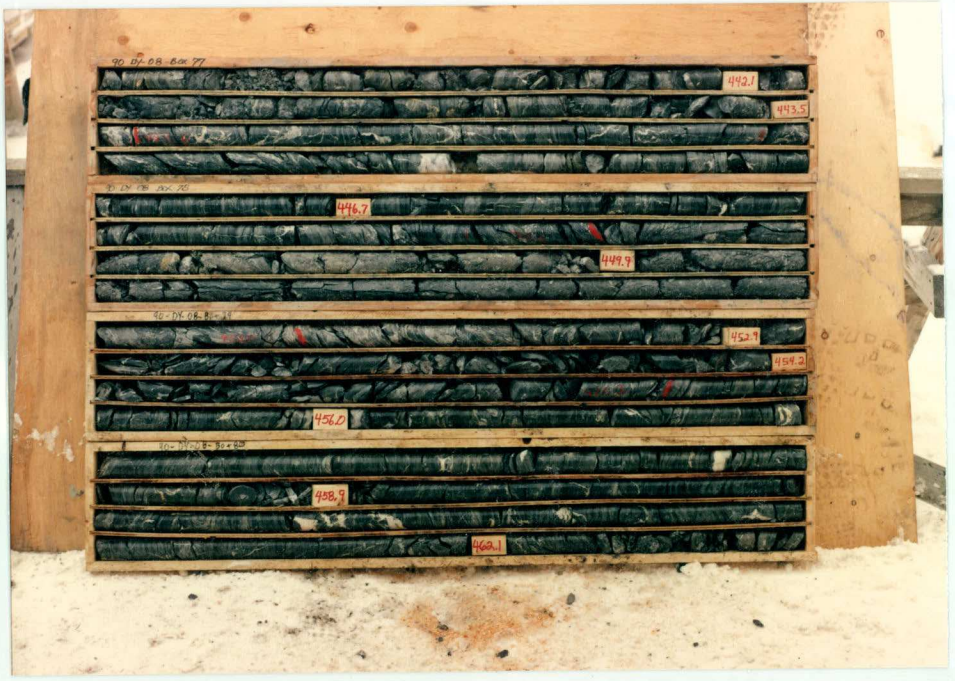


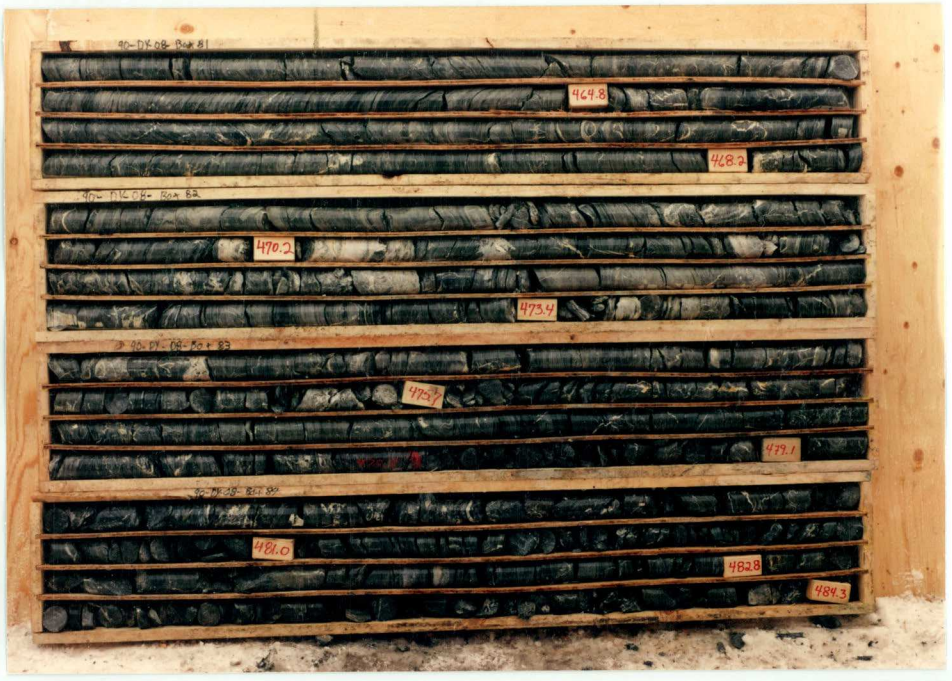






90DY08 11615









90 DY 08 12 of 15









90DY08 13 of 15



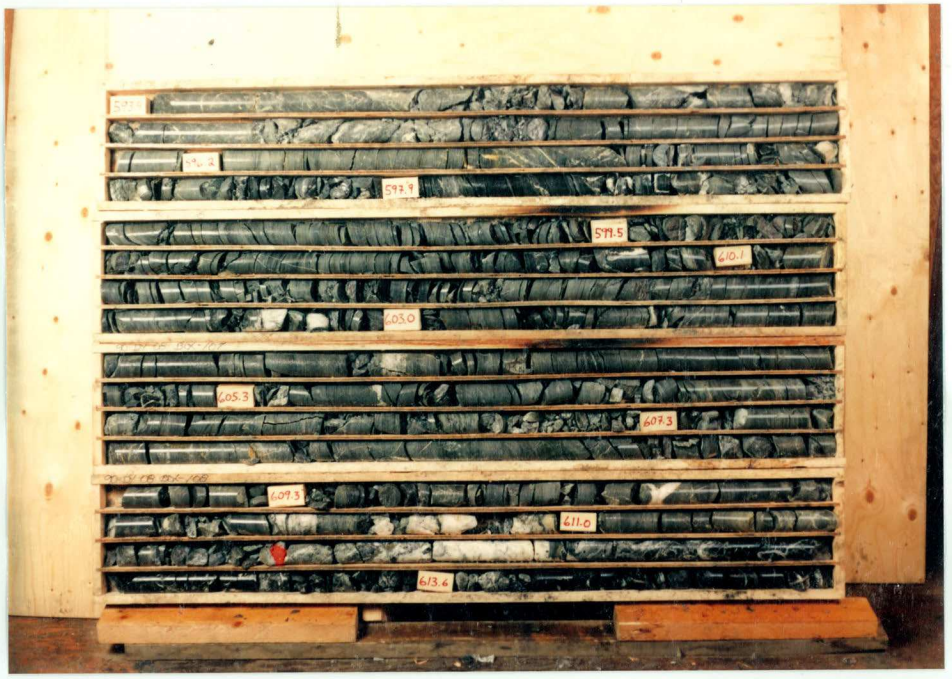




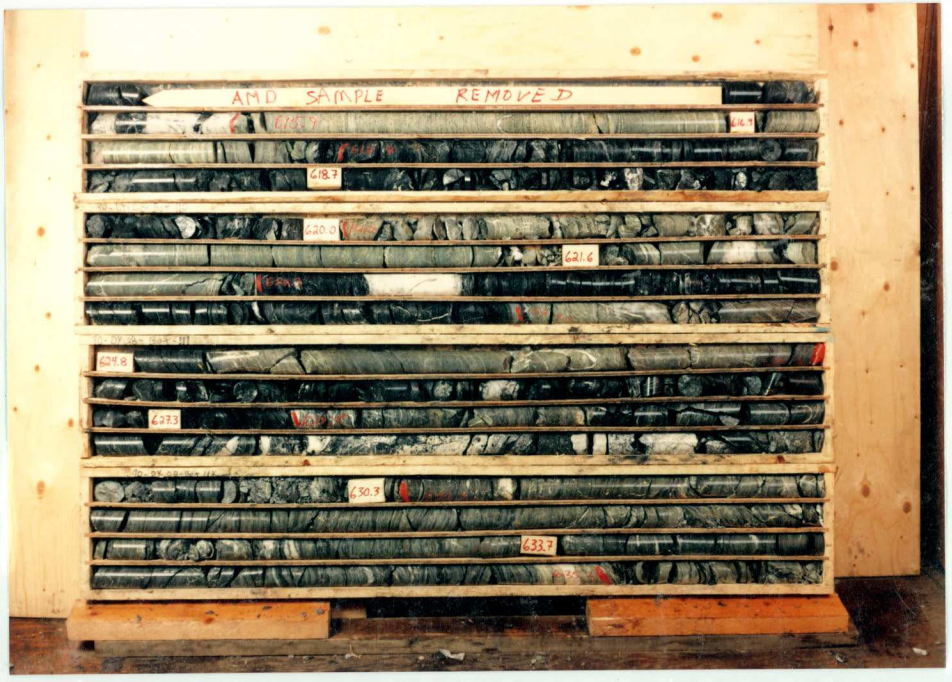


90DY08 14 of 15









90Y08 15 of 15





CURRAGH RESOURCES INC.

Page 1 of ____

DIAMOND DRILL CORE LOG

Date: Feb. 4/91

Hole Number: 90DY-09

Reference Fabric Orientation Diagram:

Project: DY PROJECT

Location: DY DECLINE

Claim: _____

Terr.Plane Co-ords.: 90127.00 N

597649.00 E

Grid Co-ords: _____

Elevation: 1056.00 m.

All symmetry determinations looking

Total Depth: ~~642.00~~ 647.7m

_____ with _____ dipping

Inclination: VERTICAL AT COLLAR

_____ with dip azimuth _____.

Purpose: B-ZONE INFILL DRILLING

Reason hole Terminated: HOLE REACHED DESIRED DEPTH

Logged by: D. HALLIWELL

Date(s) Logged: FEB. 4/91

Drilling Contractor: CARON DIAMOND DRILLING

Hole Cemented: NO

Steel down Hole: NO

Assay Lab: N.A.L.

Certificate No's: _____

Size	CORE From	To
BQ	19.9	642.00

Collar Cased and Capped: _____

Started: _____ Completed: _____

SPERRY-SUN DRILLING SERVICES

CURRAGH RESOURCES INC.
DY-09

1990 12 15
CX-LB-00728

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
0.00	1.18	270.00	0.00	0.00	0.00	0.00	0.00
50.00	0.71	254.91	49.99	0.08 S	0.82 W	0.79	1.05
100.00	0.35	262.07	99.99	0.18 S	1.27 W	1.21	0.74
150.00	0.61	251.20	149.99	0.29 S	1.68 W	1.59	0.56
200.00	0.83	249.34	199.98	0.51 S	2.27 W	2.13	0.43
250.00	1.25	261.45	249.98	0.72 S	3.15 W	2.96	0.94
300.00	2.20	265.06	299.95	0.88 S	4.65 W	4.39	1.91
350.00	3.23	273.24	349.90	0.88 S	7.01 W	6.71	2.20
400.00	3.96	273.38	399.80	0.70 S	10.15 W	9.82	1.47
450.00	4.61	273.54	449.66	0.47 S	13.88 W	13.53	1.30
500.00	5.08	271.64	499.48	0.29 S	18.10 W	17.71	0.99
550.00	5.31	273.70	549.27	0.07 S	22.63 W	22.19	0.60
600.00	5.75	275.96	599.04	0.34 N	27.43 W	26.99	0.97
650.00	5.96	273.05	648.78	0.73 N	32.52 W	32.05	0.74
700.00	5.96	273.12	698.51	1.01 N	37.71 W	37.20	0.01
750.00	5.70	273.22	748.25	1.29 N	42.78 W	42.23	0.53
800.00	5.61	267.29	798.01	1.32 N	47.71 W	47.07	1.18
850.00	5.41	266.92	847.77	1.07 N	52.51 W	51.74	0.41
900.00	5.45	267.49	897.55	0.84 N	57.24 W	56.33	0.13
950.00	5.40	268.80	947.32	0.69 N	61.96 W	60.94	0.27
1000.00	5.40	269.86	997.10	0.64 N	66.67 W	65.55	0.20
1050.00	5.18	271.91	1046.89	0.71 N	71.28 W	70.08	0.57
1100.00	5.10	270.00	1096.69	0.78 N	75.75 W	74.49	0.38
1150.00	5.16	270.00	1146.49	0.78 N	80.23 W	78.88	0.13
1200.00	5.25	270.00	1196.28	0.78 N	84.77 W	83.34	0.17
1250.00	5.28	279.69	1246.07	1.17 N	89.32 W	87.89	1.78
1300.00	5.53	280.17	1295.85	1.98 N	93.97 W	92.60	0.51
1350.00	6.13	280.16	1345.59	2.88 N	98.97 W	97.68	1.20
1400.00	6.33	283.68	1395.29	4.00 N	104.28 W	103.10	0.86
1450.00	6.38	289.76	1444.99	5.59 N	109.57 W	108.61	1.35
1500.00	6.76	289.81	1494.66	7.53 N	114.96 W	114.26	0.77
1550.00	7.16	291.06	1544.29	9.65 N	120.64 W	120.25	0.86
1600.00	7.48	290.15	1593.88	11.89 N	126.61 W	126.53	0.67
1650.00	7.71	293.25	1643.44	14.34 N	132.75 W	133.03	0.95
1700.00	7.75	294.34	1692.99	17.05 N	138.90 W	139.59	0.30
1750.00	8.20	295.95	1742.50	20.00 N	145.18 W	146.32	1.01
1800.00	8.66	296.03	1791.96	23.22 N	151.77 W	153.41	0.93
1850.00	8.66	296.27	1841.39	26.54 N	158.54 W	160.68	0.07
1900.00	8.95	297.40	1890.80	29.99 N	165.37 W	168.05	0.66
950.00	9.20	299.07	1940.18	33.73 N	172.32 W	175.58	0.73

SPERRY-SUN DRILLING SERVICES

CURRAGH RESOURCES INC.
[illegible]Y-09

1990 12 15
CX-LB-00728

THE DOGLEG SEVERITY IS IN DEGREES PER 100.00 FEET
THE VERTICAL SECTION WAS COMPUTED ALONG 281.07° (TRUE)

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE DISPLACEMENT IS 175.58 FEET, IN THE DIRECTION OF 281.07° (TRUE)

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 9ØDY-Ø9 (2 8)

Date: Feb. 4/91 Logged By: D. Hallwell

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 8	10 16	17 24	25 32	34 39	41 42	
T		1056.ØØ	9Ø12227.Ø	597649.Ø	METRES	S	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
RR			•	•	AT COLLAR
R			•	•	
R			•	•	
R			•	•

DDH 9004-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	00	199		001	11A	CASING: Glacial Overburden
L	199	222		002	5BØ	(10Q#) 95:05 Light to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliation. Silvery grey and ochre (limonite) fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational lower contact parallel S_2. White-buff quartz-calcite band or concordant vein subparallel S_2 is strongly calcareous, limonitized, hard and has sharp contacts with 5BØ.
L	222	226		003	5FØ	Light olive grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliation. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Gradational contacts parallel S_2.
L	226	241		004	5BØ	→5FØ Light to medium grey olive-tinted phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey to olive fracture surfaces. Moderately soft. No sulphides. Good core recovery. Fair RQD. Gradational upper contact parallel S_2. Sharp lower (fault) contact at 61.8°
L	241	270		005	5CØ	MAGNETITE PYROXENITE 10G?

DDH 94DY-09

CURRAGH RESOURCES INC.
Lithologic Log

Page 5

Date: Feb. 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
						Dark grey to black strongly magnetic massive unit with buff-white-ochre carbonate-quartz-limonite laminae parallel S_2 and veinlets cross-cutting unit. Non-calcareous matrix. M.g. Phaneritic igneous texture with grey plagioclase, greenish black pyroxene, amphibole and blue-black magnetite (<5%). Black and ochre (limonite) fracture surfaces. Soft to moderately soft. No sulphides. Good core recovery. Fair RQD. Blocky core at 25.3-25.7, 26.3-26.9. Clayey-limonite gouge at upper (fault) contact at CA80°. Limonitic fractures may be due to oxidation of pyrite by meteoric waters. Gradational lower contact.
L	270	327		006	5C0	HORNBLENDE PYROXENITE, NON-MAGNETIC (10Q) 90:10 10G? Dark greenish grey non-magnetic massive unit cut by buff-white-ochre-carbonate-quartz-limonite veinlets cross-cutting unit. Non-calcareous matrix. M.g. Phaneritic igneous texture with grey plagioclase, and greenish grey amphibole (hornblende) and pyroxene. Black and ochre (limonite) fracture surfaces. Soft to moderately soft. No sulphides. Very good core recovery. Good to poor RQD. Blocky core at 28.3-28.5, 30.1-30.3. Gradational upper contact. Sharp lower (fault) contact at CA65° is marked by clayey-limonite fault gouge.
L	327	399		007	5B0	(5B02:10Q) 75:20:05 Light to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2 and ochre limonite veinlets cross-cutting S_1, S_2. Moderately calcareous, CS_2 and PS_2 foliated. Silvery grey and ochre (limonite) fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (≤3mm). Good core recovery (0.1 m. core loss at 35.4-36.0. Blocky core at 32.7-33.4, 34.0-34.7, 35.0-36.1, 36.5-37.1, 37.4-37.8, 39.0-39.2. Sharp upper (fault gouge) contact at CA65°. Sharp lower

DDH 90UV-09 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						contact at CA80°.
						Darker grey more carbonaceous phyllite has siltstone laminae/bands, is softer calcareous, and has gradational contacts with 5B0.
						White-buff quartz-calcite bands or concordant veins is calcareous, hard and has sharp contacts subparallel S_2.
L	399	407		008	5B02	BLOCKY LIMONITIZED CORE.
						Dark to medium grey phyllite with buff white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Cross-cut by ochre limonitized veinlets. Dark silvery grey and ochre fracture surfaces. Soft to moderately soft. No sulphides. Good core recovery. Poor RQD. Blocky to friable core throughout. Sharp upper and lower contacts at CA80°.
L	407	492		009	5B0	(5B02: 100%) 80, 08: 02
						Light to medium grey phyllite with buff white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Ochre limonite veinlets cross-cut S_1, S_2. Silvery grey and ochre (limonite) fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Very good core recovery. Good to fair RQD. Blocky core at 42.2-43.4, 43.6-44.2, 45.1-45.7, 46.2-46.6. Sharp upper contact at CA80°. Gradational lower contact parallel S_2.
						Darker grey more carbonaceous phyllite is calcareous, softer and has gradational contacts with 5B0.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard, contain olive grey Mg-chlorite and have sharp contacts with 5B0, 5B02.

DDH 91V4-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	49.2	51.0		01.0	SB6$	
						Light to medium grey phyllite with cream-white dolomite-quartz siltstone laminae/bands following S_1/S_2. Non-calcareous phyllite. CS_2 and PS_2 foliated. Silvery grey fracture surfaces, Moderately soft. Trace disseminated pyrite as euhedral cubes. Very good core recovery, Good RQD. Gradational upper and lower contacts parallel S_2.
L	51.0	55.2		01.1	SB62	k$ (100#) 05:15
						Dark to medium grey phyllite with cream-white dolomite-quartz siltstone laminae/bands following S_1/S_2. Non-calcareous phyllite, CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft to soft. Weakly carbonaceous, with no graphite. Trace disseminated pyrite. Good core recovery (slight core loss at 53.6-54.9). Fair RQD. Blocky core at 51.0-51.2, 51.7-55.0. Gradational contacts parallel S_2
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard, contain olive-grey Mg-chlorite and trace disseminated pyrite, and have sharp contacts with SB62.
L	55.2	59.2		01.2	SB6$	(SB62: 100#) 80:16:04
						Light to medium grey phyllite with cream-white dolomite-quartz siltstone laminae/bands following S_1/S_2. Weakly calcareous phyllite. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Very good core recovery, Good RQD. Gradational contacts parallel S_2.
						Darker grey more carbonaceous phyllite is non-calcareous, softer, lacks graphite and has gradational contacts with SB6$.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are calcareous, hard

DDH 9WVY-Ø9
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						contain olive-grey Mg-chlorite wisps and have sharp contacts with 5B6$, 5B62.
L	592	6Ø8		Ø13	5B62	(10Q#) 96:Ø4
						Dark to medium grey phyllite with cream-white dolomite-quartz siltstone laminae/bands following S_1/S_2. Non-calcareous phyllite. CS_2 and PS_2 foliated. Silvery to dark grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Very good core recovery. Good RQD. Blocky core at 59.8-6Ø.Ø. Gradational contacts parallel S_2.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard, contain olive-grey wisps of Mg-chlorite and black wisps of Fe-chlorite, and have sharp contacts with 5B62.
L	6Ø8	662		Ø14	5BØ	(5BØ2:1ØQ#) 8Ø:16:Ø4
						Light to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (≤7mm). Good core recovery RQD. Gradational contacts parallel S_2.
						Darker grey, more carbonaceous phyllite is calcareous, softer and have gradational contacts with 5BØ.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are calcareous, hard, contain pyrite and wisps of black Fe-chlorite, and have sharp contacts with 5BØ, 5BØ2.
L	662	674		Ø15	5F6	(10Q) 9Ø:1Ø LIMONITIZED, BLOCKY CORE.
						Light olive green-grey phyllite with cream-white carbonate-quartz siltstone laminae/bands

DDH 91UY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						following S_1/S_2. Non-calcareous phyllite. CS_2 and PS_2 foliated. Crosscut by ochre limonite veinlets. Silvery olive grey and ochre (limonite) fracture surfaces. Moderately soft to soft. No sulphides. Good core recovery. Fair to poor RQD. Blocky core at 66.4-67.4. Gradational upper contact parallel S_2. Sharp lower contact at CA 90°.
L	67.4	69.0		01.6	SC8	LIMONITIZED. Light olive-yellowish-grey v.f.g. aphanitic groundmass supporting white f.g. anhedral (leucocrene?) phenocrysts and black f.g. amphibole, pyroxene phenocrysts with relict porphyritic igneous texture. Crosscut by ochre limonite veinlets, buff-white carbonate-quartz veinlets. Overprinted by (PS_2 foliated) carbonate-quartz siltstone laminae bands following S_2. No sulphides. Good core recovery. Fair to poor RQD. Blocky core at 67.9-68.8. Sharp upper contact at CA 90°. Sharp lower contact at CA 80°.
L	69.0	69.3		01.7	SF0	LIMONITIZED. Light olive green-grey phyllite with buff-white carbonate-quartz siltstone laminae bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Moderately soft. No sulphides. Crosscut by ochre limonite veinlets. Olive grey and ochre (limonite) fracture surfaces. Good core recovery. Fair RQD. Sharp upper contact at CA 80°. Sharp lower contact at CA 60°.
L	69.3	70.5		01.8	SC8	LIMONITIZED. Light olive green-grey v.f.g. aphanitic groundmass supporting white f.g. anhedral (leucocrene?) and black f.g. amphibole phenocrysts. Moderately calcareous. PS_2 foliated

DDH 90UY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Cross-cut by ochre limonite veinlets. Olive grey and ochre (limonite) fracture surfaces. Moderately soft. No sulphides. Good core recovery. Fair RQD. Blocky core at 69.9-70.3 Sharp upper contact at CA60°. Sharp lower contact at CA65°.
L	705	707		Ø19	5F6	LIMONITIZED. Light olive grey phyllite with cream-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Non-calcareous phyllite. CS_2 and PS_2 foliated. Olive grey and ochre (limonite) fracture surfaces. Moderately soft. No sulphides. Good core recovery. Fair RQD. Sharp upper contact at CA65°. Gradational lower contact parallel S_2.
L	707	728		Ø20	5B6	(100#) 95:Ø5 LIMONITIZED Light to medium grey phyllite with cream-white ±ochre carbonate-quartz ± limonite siltstone laminae/bands following S_1/S_2. Non-calcareous phyllite. CS_2 and PS_2 foliated. Moderately soft. Silvery grey and ochre (limonite) fracture surfaces. No sulphides. Good core recovery. Fair RQD. Gradational upper contact parallel S_2. Gradational lower contact parallel S_2. White-buff quartz-calcite bands or concordant veins subparallelling S_2 are calcareous, hard, contain olive-grey Mg-chlorite and have sharp contacts with 5B6.
L	728	734		Ø21	5FØ	(5BØ) 6Ø:4Ø Light olive-green-grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2 Moderately calcareous. CS_2 and PS_2 foliated. Cross-cut by ochre limenite veinlets. Olive grey and ochre fracture surfaces. Moderately soft. Very good core recovery. Good RQD. Gradational upper and lower contacts parallel S_2.

C.R.I. 1987 F-7A

DDH 90DV-09 (2 / 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Light grey less chloritic phyllite is calcareous and have gradational contacts with SFØ.
L	734	739		Ø22	5BØ	LIMONITIZED
						Light to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. PS_2 foliated. Cross-cut by ochre limonite veinlets. Silvery grey and ochre(limonite) fracture surfaces. Moderately soft. No sulphides. Good core recovery. Fair to poor RQD. Blocky core at 73.4-73.6. Gradational contacts parallel S_2.
L	739	744		Ø23	5FØ	LIMONITIZED
						Light olive green grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Ochre limonite veinlets cross-cut S_1, S_2. Olive grey and ochre(limonite) fracture surfaces. Trace disseminated pyrite. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
L	744	749		Ø24	5BØ	LIMONITIZED, WEAKLY
						Light to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. PS_2 foliated. Occasional ochre limonite veinlets cross-cut S_1, S_2. Silvery grey and ochre(limonite) fracture surfaces. Moderately soft. Trace disseminated pyrite. Very good core recovery. Good RQD. Gradational contacts parallel S_2.

DDH 90UV-09 (2 / 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	749	750		025	5FØ	
						Olive green-grey chloritic phyllite, as above. Good core recovery, RQD. Gradational upper contact. Sharp lower contact at CA 80°.
L	750	755		026	5C8	
						Olive green-grey v.f.g. aphanitic groundmass supporting white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole?) phenocrysts within a relict porphyritic igneous texture. Strongly overprinted by strong PS_2 foliation and buff-white carbonate-quartz laminae/bands following S_1/S_2. Moderately calcareous. PS_2 foliated. Olive grey fracture surfaces. Moderately soft. Trace disseminated pyrite. Very good core recovery. RQD. Sharp upper contact at CA 80°. Sharp lower contact at CA 80°.
L	755	761		027	5FØ	
						Light olive green-grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Olive grey fracture surfaces. Moderately soft. Trace disseminated pyrite. Very good core recovery. Fair RQD. Sharp upper and lower contacts at CA 80°.
L	761	765		028	5C8	
						Light olive grey metabasite v.f.g. aphanitic groundmass with white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole? pyroxene?) phenocrysts within a relict porphyritic igneous texture. Overprinted by PS_2 foliation and buff-white car-

DDH 90UY-09 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						barite-quartz siltstone laminae/bands following S_2. Moderately calcareous. PS_2 foliated. Silvery olive grey fracture surfaces. Moderately hard. No sulphides seen. Very good core recovery, RQD. Sharp contacts at CA80°.
L	765	770		Ø29	5FØ	
						Light olive green-grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. PS_2 foliated. Olive grey fracture surfaces. Moderately soft. Trace disseminated pyrite. Very good core recovery. Good RQD. Sharp upper contact at CA80°. Sharp lower contact at CA65°.
L	770	775		Ø3Ø	5CB	
						Light olive green-grey metabasite w/g aphanitic groundmass and phenocrysts, as above within relict porphyritic igneous texture. Overprinted by PS_2 foliation and buff-white carbonate quartz siltstone laminae, bands following S_2. Moderately calcareous. PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Sharp upper contact at CA65°. Sharp lower contact at CA6Ø°.
L	775	778		Ø31	5FØ	
						Light olive-green-grey phyllite as above. Very good core recovery. RQD. Sharp upper contact at CA6Ø°. Gradational lower contact parallel S_2.

DDH 90DY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	77.8	80.0		032	5B0	
						Light to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Blocky core at 78.6-79.2. Gradational contacts parallel S_2.
L	80.0	80.4		033	5C8	(5F0) 70:30
						Light olive green-buff v.f.g. metabasite groundmass with white f.g. anhedral (leucocratic?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within a relict porphyritic igneous texture. Overprinted by PS_2 foliation and carbonate-quartz siltstone laminae, bands. Moderately calcareous. PS_2 foliated. Olive green-grey and ochre (limonite) fracture surfaces. Moderately soft. Very good core recovery. Good RQD. Fairly sharp contacts parallel S_2. No relict igneous texture at 80.0-80.2 and 80.35-80.4 (peripheral to 5C0).
L	80.4	80.9		034	5B02	
						Dark to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
L	80.9	83.3		035	5F0	

DDH 91-DY-09

CURRAGH RESOURCES INC.
Lithologic Log

Page 15

Date: Feb. 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
						Light olive green-grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Olive grey fracture surfaces. Moderately soft. Very good core recovery, RQD. Gradational upper contact parallel S_2.
L	833	836		Ø36	5C8	
						Light olive-green-grey metabasite with mfg. aphanitic groundmass with white f.g. anhedral (leucoxene?) phenocrysts and f.g. black subhedral (amphibole? pyroxene?) phenocrysts with a relict porphyritic igneous texture. Weakly calcareous. PS_2 foliated. Olive grey fracture surfaces. Moderately soft. Very good core recovery RQD. Sharp upper contact at CA 70°. Sharp lower contact at CA 60°. Overprinted by PS_2 foliation and chloritic phyllite.
L	836	842		Ø37	5F0	
						Light olive green-grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
L	842	846		Ø38	5B0	
						Light to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey and Ochre (limonite) fracture surfaces. Moderately soft. No sulphides. Good core recovery, Fair RQD. Gradational contacts parallel S_2.

DDH 91WY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	846	847		039	5FØ	
						Light olive-grey phyllite with buff-white siltstone laminae/bands following S_1/S_2, as above. Moderately calcareous and soft. Olive grey and ochre (limonite) fracture surfaces. Fair core recovery, RQD. Gradational upper contact parallel S_2. Sharp lower contact at CA 70°.
L	847	853		Ø4Ø	5C8	
						Light olive grey metabasite, as above, with relict igneous texture. Moderately calcareous and soft. Olive grey fracture surfaces. PS_2 foliated. No sulphides. Very good core recovery, RQD. Sharp upper and lower contacts at CA 70°.
L	853	855		Ø41	5FØ	
						Light olive grey phyllite with buff-white siltstone laminae/bands following S_1/S_2, as above. Moderately calcareous and soft. Olive grey fracture surfaces, CS_2 and PS_2 foliated. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 70°. Gradational lower contact parallel S_2.
L	855	1052		Ø42	5BØ	(5BØ2: 100%) 70:25:05
						Light to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (≤ 7mm). Very good core recovery. Good RQD. Gradational contacts parallel S_2. Darker grey more carbonaceous phyllite is calcareous, softer and has gradational contacts with 5B. White-buff quartz-calcite bands or concordant veins parallel S_2 are calcareous, hard and have sharp contacts.

DDH 9.U.DY.-Ø.9
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 17

Date: Feb. 4/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1Ø52	1Ø57		Ø43	5FØ	
						Light olive green-grey phyllite with buff-white siltstone laminae/bands following S_1/S_2 as above. Moderately calcareous. CS_2 and PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Gradational contacts parallel S_2
L	1Ø57	1174		Ø44	5BØ	(5BØ2:1ØQ#) 7Ø:25:Ø5
						Light to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (≤5mm). Vuggy with calcite fillings or voids. Very good core recovery. Good RQD. Gradational contacts parallel S_2
						Darker grey carbonaceous phyllite is calcareous, softer and has gradational contacts with 5BØ
						White-buff quartz-calcite bands or concordant veins subparallel S_2 are calcareous, hard, contain wisps of black Fe-chlorite.
L	1174	1226		Ø45	5B6	
						Light to medium grey phyllite with cream-white dolomite-quartz siltstone laminae/bands following S_1/S_2. Non-calcareous phyllite. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (≤5mm). Very good core recovery. Good RQD. Gradational contacts.
L	1226	1253		Ø46	5B62	(5B6) 7Ø:3Ø

DDH 90W-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 5/91 Logged By: D. Hallinell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Dark to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Non-calcareous. Weakly carbonaceous (no graphite). CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Very good core recovery, RQD. Gradational contacts parallel S_2.
L	125 3	141 4		Ø47	5BØ	(5BØ2 : 1ØQ#) 8Ø : 16 : Ø4 Light to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (≤4mm). Healed oligomict breccias at 127.8-128.Ø, 136.Ø-136.1, 137.8-137.9. Very good core recovery. Good RQD. Gradational upper contact parallel S_2. Sharp lower contact at CA 8Ø°. Darker grey weakly carbonaceous phyllite is calcareous, softer and has gradational contacts with 5BØ. White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard, contain wisps of black Fe-chlorite, and have sharp contacts with 5BØ, 5BØ2.
L	141 4	145 1		Ø48	5BØ2	(5BØ : 1ØQ#) 7Ø : 2Ø : 1Ø BLOCKY TO FRIABLE ZONE WITH GOUGES. Dark to medium grey carbonaceous phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery fracture surfaces. Moderately soft to soft. No sulphides. Good core recovery. Poor RQD. Blocky to friable core throughout with clayey gouges at 141.8-142.Ø, 142.2-142.3 (no graphite). Sharp upper contact at CA 8Ø°. Sharp lower contact at CA 7Ø°. Lighter grey phyllite is calcareous, moderately hard, less carbonaceous and has gradational

DDH 90UY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 5/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
						contacts with 5BØ2.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ2, 5BØ.
L	145.7	146.4		ØØ49	5BØ2	(5BØ) 7Ø:3Ø
						Dark to medium grey carbonaceous phyllite, as above, with good core recovery, RQD. Trace disseminated pyrite as euhedral cubes. Sharp upper contact at CA 7Ø°. Gradational contacts parallel S_2. Calcareous.
						Light to medium grey phyllite is calcareous, moderately soft and has gradational contacts with 5BØ2.
L	146.4	149.4		Ø5Ø	5BØ	(5BØ2) 9Ø:1Ø
						Light to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Trace disseminated pyrite as euhedral cubes. Good core recovery. Fair RQD. Blocky core at 147.1-147.7, 148.5-149.Ø. Gradational contacts parallel S_2.
						Dark grey carbonaceous phyllite with buff-white siltstone laminae, bands is calcareous, softer and has gradational contacts with 5BØ.
L	149.4	154.4		Ø51	5BØ2	(5BØ:1ØØ#) 9Ø:Ø7:Ø3
						Dark to medium grey weakly carbonaceous phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft to soft. Trace disseminated pyrite

CRI 1987 F-7A

DDH 88DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 5/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						as euhedral cubes (≤4mm). Good core recovery. Fair RQD. Blocky core at 150.8-150.9, 152.1-152.5. Gradational upper contact. Sharp lower contact at CA 80°. Light grey phyllite with siltstone laminae, bands is calcareous, moderately soft and has gradational contacts with SB@2. White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard and have sharp contacts with SB@2, 5B@.
L	154.4	156.4		@52	5B@	BLOCKY TO FRIABLE ZONE. Light to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Fair core recovery, RQD. Friable to blocky core at 154.4-155.1. Blocky core at 155.2-155.5. Sharp upper contact at CA 80°. Gradational lower contact 11 S_2.
L	156.4	166.@		@53	5B@2	(5B@) 70:30 BLOCKY TO FRIABLE ZONE WITH GOUGE. Dark to medium grey phyllite with buff-white carbonate-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey and rare ochre (limonite) fracture surfaces; no graphite. Moderately soft to soft. No sulphides. Poor core recovery (1.4m core loss at 158.2-159.7). Fair to poor RQD. Blocky to friable core at 156.9-157.7, 157.9-162.5, 162.9-166.@. Vuggy at 156.4-156.9. Clayey, nongraphitic fault gouge at 158.1-158.2, 163.5-164.6 at CA 10°-20°. C- and S- structures at 166.@. Gradational upper contact parallel S_2. Sharp lower contact marked by fault gouge at CA 20°.

CRI 1987 F-7A

DDH 9004-09

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 5/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
						Light to medium grey phyllite with siltstone laminae, bands is calcareous, harder, and has gradational contacts with 5BØ2.
L	166Ø	169 9		Ø54	5BØ	(1ØQ#) 95:Ø5
						Light to medium grey phyllite with buff-white calcite-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Locally kink-banded (chevron-folds). Silvery grey fracture surfaces. Moderately soft to soft. Trace disseminated pyrite as euhedral cubes. Very good core recovery. Fair RQD. Blocky core at 166.8-167.7. Sharp upper fault contact at CA 2Ø°. Gradational lower contact parallel S_2.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard and have sharp contacts with 5BØ.
L	169 9	172 7		Ø55	5BØ2	(5BØ:1ØQ#) 7Ø:25:Ø5
						Dark to medium grey weakly carbonaceous phyllite with buff-white calcite-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey fractures. No graphite. Moderately soft to soft. Trace disseminated pyrite as euhedral cubes. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs. Very good core recovery. Good RQD. Gradational upper contact parallel S_2. Sharp lower contact at CA 8Ø°, marked by quartz-calcite band or concordant vein.
						Light to medium grey phyllite with buff-white siltstone laminae/bands following S_1/S_2 is moderately calcareous, non-carbonaceous, harder and has gradational contacts with 5BØ2.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard, contain olive-grey Mg-chlorite wisps and have sharp contacts.

DDH 94DY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 6/95 Logged By: D Hollinwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	1727	1736		056	5BØ	
						Light to medium grey phyllite with buff-white calcite-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite and pyrrhotite. Very good core recovery. Good RQD. Sharp upper contact at Ca8Ø° marked by quartz-calcite band. Gradational lower contact 11 S_2.
L	1736	1742		Ø57	5BØ7	→5FØ7 HEALED OLIGOMICT CLAST-SUPPORTED BRECCIA.
						Light olive green grey weakly chloritic phyllite angular elongate (11 S_2) clasts supporting calcite-quartz matrix. Moderately calcareous. PS_2 foliated. Brecciated texture. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Gradational contacts parallel S_2.
L	1742	1747		Ø58	5BØ	(5BØ2) 8Ø:2Ø
						Light to medium grey phyllite with buff-white calcite-quartz laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Calcite-quartz veinlets cross-cut S_1, S_2. No sulphides. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
						Darker grey weakly carbonaceous phyllite is calcareous, lacks graphite and has gradational contacts with 5BØ.
L	1747	1750		Ø59	5B7	(10Q) 6Ø:4Ø
						Light to medium grey phyllite with olive grey bands and buff-white calcite-quartz laminae/bands following S_2. Moderately calcareous. PS_2 foliated. Silvery grey

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 6/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						and olive grey fracture surfaces. Moderately soft. No sulphides. Good core recovery. Fair RQD. Blocky core at 174.8-175.0. Gradational upper contact parallel S_2. Fairly sharp lower contact at CA 80°.
						Buff-white quartz-calcite band subparalleling S_2 is moderately calcareous, hard and has sharp contact with 5B7.
L	175 0	175 5		060	5C7	
						Olive-grey banded v. fg aphanitic metabasite groundmass, white fg. anhedral (leucocrene?) phenocrysts and black fg. subhedral (pyroxene, amphibole?) phenocrysts within relict porphyritic igneous texture. Moderately calcareous. PS_2 foliation overprint. Silvery grey and olive grey fracture surfaces. Moderately hard. No sulphides. Very good core recovery, RQD. Sharp upper/lower contacts at CA 80°. Cross-cut by calcite-quartz veinlets at CA 30°-90°.
L	175 5	175 8		061	5B7	
						Olive-grey banded chloritic phyllite with buff/white calcite-quartz siltstone laminae/bands following S_2. Moderately calcareous. PS_2 foliated. Olive-grey fracture surfaces. Moderately soft. No sulphides. Good core recovery. Fair RQD. Sharp upper contact at CA 80°. Gradational lower contact parallel S_2.
L	175 8	181 8		062	5B0	(5B02: 100%) 80:15:05
						Light to medium grey phyllite with buff/white calcite-quartz laminae/bands following S_1/S_2 and veinlets cross-cutting S_1, S_2. Moderately calcareous, CS_2 and PS_2 foliated,

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb.6/91 Logged By: D. Hallinell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Very good core recovery. Good RQD. Gradational upper and lower contacts parallel S_2. Dark to medium grey weakly carbonaceous phyllite with siltstone laminae/bands following S_1/S_2 and calcite-quartz veinlets cross-cutting S_1, S_2 is calcareous, softer and has gradational contacts with 5BØ. White-buff quartz-calcite bands or concordant veins subparalleling S_2 are moderately calcareous, hard and have sharp contacts with 5BØ, 5BØ2.
L	1818	1858		Ø63	5BØ2	(5BØ : 1ØØ#) 6Ø:3Ø:1Ø Dark to medium grey weakly carbonaceous phyllite with calcite-quartz laminae/bands following S_1/S_2 and calcite-quartz veinlets cross-cutting S_1, S_2. Moderately calcareous CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs. Local healed oligomict breccia texture. Very good core recovery. Good RQD. Gradational contacts parallel S_2. Light to medium grey phyllite with siltstone laminae, bands is calcareous, moderately soft and has gradational contacts with 5BØ. White-buff quartz-calcite bands or concordant veins subparalleling S_2 is moderately calcareous, contains olive grey wisps of Mg-chlorite, and has sharp contacts with 5BØ2, 5BØ.
L	1858	1889		Ø64	5BØ	(1ØØ#) 98:Ø2 Light to medium grey phyllite with buff-white calcite-quartz laminae/bands following S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture

DDH 90DV-09 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb 6/91 Logged By: D. Hallwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						surfaces. Moderately soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs of pyrite. Very good core recovery, RQD. Gradational contacts parallel S_2. White-buff calcite-quartz bands or concordant veins subparallelling S_2 are calcareous, hard and have sharp contacts with 5B0, 5B02.
L	1889	1908		065	5B6$	(100$&#) 96:04 Light to medium grey phyllite with cream-white dolomite-quartz siltstone laminae/bands following S_1/S_2. Weakly calcareous phyllite (dolomitized?). CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (≤5mm). Vuggy (12% volume reduction as calcite→dolomite?). Very good core recovery. Good RQD. Gradational contacts parallel S_2. White-cream ± buff quartz-dolomite ± calcite bands or concordant veins subparallelling S_2 are weakly to moderately calcareous, hard, and have sharp contacts with 5B6$.
L	1908	1915		066	5F6	(100$) 65:35 Olive green-grey chloritic phyllite with cream-white dolomite-quartz siltstone laminae/bands following S_1/S_2. Non-calcareous phyllite. CS_2 and PS_2 foliated. Olive grey-yellow fracture surfaces. Moderately soft to soft. Trace disseminated pyrite. Very good core recovery. RQD. Gradational contacts parallel S_2. White-cream quartz-dolomite bands or concordant veins subparallelling S_2 are weakly calcareous, hard, and have sharp contacts with 5B6.

DDH 9ØDY-Ø9

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 6/91 Logged By: D Hallinell

Code	From	To	Recov.	No.	Unit	Description
L	191.5	193.3		Ø67	5B6$	(1ØQ$) 8Ø:2Ø
						Light to medium grey phyllite with creamwhite dolomite-quartz siltstone laminae/beds following S_1/S_2. Weakly calcareous. PS_2 and CS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Disseminated pyrite as euhedral cubes. Good core recovery. Fair RQD. Blocky core at 192.5-192.8. Gradational upper contact parallel S_2. Sharp lower contact at CA 85°
						White-cream ±yellow quartz-dolomite ±calcite bands or concordant veins subparallelling S_2 are weakly calcareous, hard and have sharp contacts with 5B6$.
L	193.3	193.7		Ø68	5C8$	
						Olive grey metabasite v.f.g. aphanitic groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within a relict slightly porphyritic igneous texture. Weakly calcareous (dolomitized). PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 85°. Sharp lower contact at CA 6Ø°.
L	193.7	193.9		Ø69	5BØ	
						Light grey phyllite with buff-white calcite-quartz siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Good core recovery. RQD. Sharp upper contact at CA 6Ø°. Sharp lower contact at CA 8Ø°.
L	193.9	194Ø		Ø7Ø	5CØ8	
						Olive-grey v.f.g. aphanitic metabasite groundmass with white f.g. anhedral (leucox-

DDH 90DY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 6/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						xene?) phenocrysts and black fg. subhedral (Amphibole, pyroxene?) phenocrysts in relict porphyritic igneous torture overprinted by PS_2 foliation. Moderately calcareous Olive grey fracture surfaces. Moderately soft. Very good core recovery, RQD. Sharp upper and lower contacts at CA80°.
L	1940	1952		0071	5B0	(10Q#) 80:20
						Light to medium grey with buff-white calcite-quartz siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Healed oligomict breccia near lower contact. No sulphides. Very good core recovery, RQD. Sharp upper contact at CA80°. Gradational lower contact parallel S_2.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard, contain olive-grey wisps of Mg-chlorite and have sharp contacts with 5B0.
L	1952	1962		0072	5B0	
						Light to medium grey calcareous phyllite with buff-white carbonate-quartz siltstone laminae/beds following S_1/S_2 and carbonate-quartz veinlets crosscutting S_1, S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces (no graphite). Moderately soft to soft. No sulphides. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
4	1962	1978		0073	5B02	(5B0; 10Q) 85:13:02
						Dark to medium grey weakly carbonaceous phyllite with buff-white calcite-

DDH 90DV-09 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 6/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						quartz siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark grey fracture surfaces. Moderately soft. No sulphides. Calcite-quartz veinlets cross-cut S_1, S_2. Local healed oligomict clast-supported brecciated texture near lower contact. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
						Light to medium grey phyllite with siltstone laminae/beds is moderately calcareous, moderately soft and has gradational contacts with 5BØ2.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard and have sharp contacts with 5BØ2, 5BØ.
L	199.8	201.2		Ø74	5BØ	(1ØØ#) 6Ø:4Ø HEALED (OLIGOMICT MATRIX-SUPPORTED) BRECCIA.
						Light to medium grey phyllite with buff-white calcite-quartz siltstone laminae/beds following S_1/S_2 and calcite-quartz veinlets cross-cutting S_1, S_2. Moderately calcareous. CS_2, PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Kink banded, locally with chevron-folds. Healed oligomict matrix (quartz-calcite)-supported angular elongate phyllite clasts intermittently throughout. Hairline fault at CA 2Ø° occurs at 199.7-199.8 with brecciated downhole (foot-wall?) side. Good core recovery, RQD. Gradational contacts parallel S_2.
						White-buff calcite-quartz bands, concordant veins and matrices for healed breccias are moderately calcareous, hard and have sharp contacts with 5BØ.
L	201.2	201.3		Ø75	5FØ	
						Olive-grey chloritic phyllite with buff-white calcite-quartz siltstone laminae/beds following S_1/S_2 is moderately calcareous, CS_2 foliated, moderately soft, has olive-grey fracture surfaces and has gradational upper contact parallel S_2. Sharp lower

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 6/91 Logged By: D. Hallinwell

Code	From	To	Recov.	No.	Unit	Description
						contact at CA 60°.
L	2013	2039		0076	5C8	(5C7:5C0) 60:30:10 HEALED (OLIGOMICT CLAST-SUPPORTED) BRECCIA. Olive grey v.f.g. aphanitic (plagioclase-sericite) metabasitic groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture overprinted by S_2 foliation. Moderately calcareous. PS_2 foliated. Olive grey fracture surfaces. Moderately soft to moderately hard. Trace disseminated pyrite as euhedral cubes. Local healed oligomict clast-supported breccia. Good core recovery. Fair RQD. Blocky core at 2002.8-2003.0. Sharp upper contact at CA 60°. Sharp lower contact at CA 90°. Medium grey metabasite with olive grey chloritic bands is calcareous, PS_2 foliated, has silvery grey and olive grey fracture surfaces, and has gradational contacts with 5C8. Medium grey non-chloritic metabasite occurs in basal portion at 2003.6-2003.9, is calcareous, moderately hard, has silvery grey fracture surfaces, and has gradational contacts.
L	2039	2054		0077	5B0	(5B7) 80:20 Light to medium grey phyllite with buff-white calcite-quartz siltstone laminae, bands following S_2. Very calcareous (quickly etched). PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Fair RQD. Sharp upper contact at CA 90° with healed oligomict clast-supported breccia. Gradational lower contact parallel S_2. Light to medium grey phyllite with olive grey chloritic bands parallel S_2 and breccia occurs at 2039-2044. Moderately calcareous. Moderately soft. Silvery grey and olive grey fracture surfaces. No sulphides. Gradational contacts with 5B0.

DDH 9ØØY-Ø9 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb 7/91 Logged By: D. Hollinell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	2Ø5.4	2Ø8.1		Ø78	5BØ2	(1ØQ#) 95:Ø5 BLOCKY Dark to medium grey weakly carbonaceous phyllite with buff-white calcite-quartz siltstone laminae/beds following S_1/S_2. Moderately calcareous. Dark silvery grey fracture surfaces; no graphite. Moderately soft to soft. Trace disseminated pyrite as euhedral cubes, sometimes partially filling vugs. Good core recovery. Poor RQD. Blocky core at 2Ø5.4 – 2Ø5.9. Gradational contacts parallel S_2. White-buff calcite-quartz band or concordant vein subparallelling S_2 at 2Ø7.5 – 2Ø7.7 is moderately calcareous, hard, and has sharp contacts with 5BØ2.
L	2Ø8.1	2Ø8.7		Ø79	5BØ	Light to medium grey phyllite with buff-white calcite-quartz siltstone laminae, beds following S_2. Moderately calcareous. PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
L	2Ø8.7	2Ø9.1		ØSØ	5B7	HEALED (OLIGOMICT. MATRIX-SUPPORTED) BRECCIA Light to medium olive-grey with buff-white calcite-quartz siltstone laminae/beds following S_1/S_2. Moderately calcareous, Silvery grey and olive-grey fracture surfaces. Moderately soft. No sulphides. CS_2 and PS_2 foliated. Healed oligomict matrix-supported breccia with quartz-calcite matrix and olive-grey Mg-chloritic phyllite angular elongate clasts (Mg-chlorite clasts have black Fe-chlorite rim replacements). Very good core recovery, RQD. Gradational upper contact parallel S_2. Sharp lower contact at Ø75°; marked by quartz-calcite band or concordant vein subparallel S_2.

DDH 9ØDY-Ø9

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 7/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
L	2Ø9 1	2Ø9 5		Ø81	5C7	(1ØQ#: 5EØ) 55:44:Ø1
						Medium grey metabasitic v.f.g. aphanitic groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture overprinted by S_2 and olive grey chloritic bands parallel S_2. Moderately calcareous. PS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. RQD Sharp upper contact at CA 75°. Sharp lower contact at CA 85°; marked by blue-grey 5EØ band 0.05 m. wide.
						White-buff quartz-calcite band or concordant vein at 2Ø9.1-2Ø9.3 is moderately calcareous, hard, and has sharp contact with 5C7.
L	2Ø9 5	211 4		Ø82	5B7	
						Light to medium grey phyllite with olive grey chloritic bands parallel S_2 and buff-white calcite-quartz siltstone laminae, beds following S_2. Moderately calcareous. PS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 85°. Gradational lower contact parallel S_2
L	211 4	221 5		Ø83	5BØ	(5BØ2: 1ØQ#) 7Ø:25:Ø5 LOCAL BRECCIA, VUGS.
						Light to medium grey phyllite with buff-white calcite-quartz siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs of pyrite. Locally, has healed oligomict clast-supported breccia with angular elongate phyllite clasts and rare

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 7/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						vugs. Very good core recovery, RQD. Gradational upper contact parallel S_2. Sharp lower contact at CA 85°.
						Darker grey weakly carbonaceous phyllite is calcareous, moderately soft, has dark silvery grey fracture surfaces and have gradational contacts with 5BØ.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard; contains wisps of olive-grey Mg-chlorite and black Fe-chlorite, and have sharp contacts with 5BØ, 5BØ2.
L	2215	2216		ØØ84	5C8	
						Medium olive grey v.f.g. aphanitic (metabasitic) groundmass, white f.g. anhedral (leucocene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic texture overprinted by S_2 and pervasive chloritization. Moderately calcareous. PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Sharp upper and lower contacts at CA 85°.
L	2216	2268		ØØ85	5BØ	(100#) 99:01
						Light to medium grey phyllite with buff-white calcite-quartz siltstone laminae/beds following S_1/S_2. Very calcareous (quickly etched by 10% HCl acid). CS_2 and PS_2 foliation. Silvery grey fracture surfaces. Moderately soft. Calcite-quartz veinlets cross-cut S_1, S_2. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs of pyrite. Very good core recovery, RQD. Sharp upper contact at CA 88°. Sharp lower contact at CA 80°.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ.

DDH 90DY-09 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 7/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	2258	2260		086	5C8	
						Medium olive grey v.f.g. aphanitic (metabasitic) groundmass, white f.g. anhedral (leucocene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture overprinted by S_2 and pervasive chloritization. Moderately calcareous, PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Sharp upper, lower contacts at CA 80°.
L	2260	2329		087	5BØ	(100#) 80:20
						Light to medium grey phyllite with buff-white calcite-quartz siltstone laminae/beds following S_1/S_2 and veinlets cross-cutting S_1, S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs of pyrite. Locally, healed oligomict matrix (quartz-calcite) supported breccias with angular elongate phyllite clasts present. Very good core recovery. Good RQD. Sharp upper, lower contacts at CA 80°.
						White-buff calcite-quartz bands or concordant veins subparallelling S_2 are moderately calcareous, hard, contain rip-up clasts of phyllite and olive grey Mg-chlorite wisps and have sharp contacts with 5BØ.
L	2329	2363		088	5C7	(5CØ:100#) 60:35:05
						Medium grey v.f.g. aphanitic (metabasitic) groundmass, white f.g. anhedral (leucocene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene) phenocrysts within relict porphyritic igneous texture overprinted by S_2 and olive-

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 7/91 Logged By: D. Hallimall

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						grey chloritic bands parallel S_2. Moderately calcareous. PS_2 and (locally) CS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite. Very good core recovery. RQD. Sharp upper, lower contacts at CA 70°. Little or no chill margins (probably dyke?).
						Medium grey metabasite, as above, without olive-grey chloritic bands. Occurs within core of zoned intrusive at 233.6-234.0, 235.9-236.1. Grad. contacts with 5C7.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard and have sharp contacts with 5C7, 5C0.
L	233	240		089	5B0	(10Q#) 65:35 HEALED (OLIGOMICT CLAST-SUPPORTED) BRECCIA
						Light to medium grey phyllite with buff-white calcite-quartz siltstone laminae/beds following S_1/S_2 and veinlets cross-cutting S_1, S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Local healed oligomict clast-supported breccia with elongate angular phyllite clasts. Very good core recovery. Good RQD. Sharp upper contact at CA 70°. Sharp lower contact, undulating at CA 5°-70°.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard, contain wisps of olive-grey Mg-chlorite, and have sharp contacts with 5B0. Occur at 236.8-237.0, 237.5-237.6, 237.7-238.1.
L	2407	2411		090	5C7	HEALED (OLIGOMICT CLAST-SUPPORTED) BRECCIA
						Medium grey v.f.g. aphanitic (metabasitic) groundmass, white f.g. anhedral (quartz?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within

DDH 9ØDY-Ø9
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 7/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						relict porphyritic igneous texture overprinted by S_2 and olive-grey chloritic bands parallel S_2. Moderately calcareous. PS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. No sulphides. Healed oligomict clast-supported breccia with angular elongate metabasite clasts. Very good core recovery. Good RQD. Sharp upper contact convoluted at CA 5°-7Ø°. Sharp lower contact at CA 7Ø°.
L	2417	2416		Ø91	5B7	
						Light to medium grey phyllite with olive-grey chloritic bands parallel S_2 and buff-white calcite-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. PS_2 and CS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Fair RQD. Sharp upper contact at CA 7Ø°. Gradational lower contact parallel S_2.
L	2416	2462		Ø92	5BØ	(5BØ2) 9Ø:1Ø HEALED BRECCIA.
						Light to medium grey phyllite with buff-white calcite-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite. Healed oligomict clast-supported breccia with angular elongate phyllite clasts. Very good core recovery, RQD. Gradational contacts parallel S_2.
						Dark to medium grey weakly carbonaceous phyllite with siltstone laminae, bands is calcareous, softer and has gradational contacts with 5BØ.

DDH 90DY-89 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 7/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	2462	2464		093	5B7	HEALED (OLIGOMICT MATRIX-SUPPORTED) BRECCIA. Light to medium grey phyllite with olive grey chloritic bands and buff-white calcite-quartz siltstone laminae/bands; as above. Moderately calcareous, PS_2 foliated, Siliceous. Olive grey fracture surfaces. Moderately hard. Healed oligomict matrix (quartz-calcite) supported breccia. No sulphides. Very good core recovery, RQD. Gradational contacts parallel S_2.
L	2464	2466		094	5B0	Light to medium grey phyllite, with buff-white calcite-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 & PS_2 foliated. Moderately soft. No sulphides. Very good core recovery, RQD. Gradational upper contact parallel S_2. Sharp lower contact at CA 60°.
L	2466	2473		095	5C7	HEALED (OLIGOMICT CLAST-SUPPORTED) BRECCIA. Medium grey v.fg aphanitic (andesite) groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral Amphibole, preserved phenocrysts within relict porphyritic igneous texture. Overprinted by S_2 and olive-grey chloritic bands parallel S_2. Moderately calcareous, PS_2 foliated. Siliceous grey and olive grey fracture surfaces. Healed oligomict clast-supported brecciated texture. Trace disseminated pyrite as euhedral cubes. Very good core recovery. Good RQD. Sharp upper contact at CA 60°. Sharp lower contact at CA 90°.
L	2473	2481		096	5B2	(5B02: 100%) 70:25:05

DDH 90DY-09

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN'91 Logged By: J. Beetruff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	560.9	562.9		256	AGAA	
						Dark purplish gray crudely banded unit is strongly Pb+Zn mineralized with no detectable magnetite. Band is consistently oriented at 60-70° TCA. Rock is slightly soft and streaks black. Rock is moderately broken with good recovery. Upper and lower contacts are sharp and parallel banding (S_2).
	562.5	563.4		257	AGA	± @
						Buff yellowish gray unit is P_2 foliated rarely cs_2 foliated, moderately calcareous and hosts 2-3% 1cm quartz ankerite (?) veins typically oriented parallel S_2. Interval contains trace ~1% 1mm clots of fuchsite (?) Rock is moderately soft and hosts 1-2% disseminated pyrite. Core is moderately to slightly broken with good recovery. Upper contact is sharp and parallel S_2. Lower contact is sharp and oriented 095°/30° to S_2. Estimated grade is << 1%

DDH 90DY-09 (2 8)

Die

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	563.4	563.8		258	4644	→
						Very dark purplish grey, tending to black sporadically very strongly magnetic, massive unit hosts 7-10% 2-3mm clots of barite(?) Rock is very heavy slightly hard to slightly soft and streaks black. Rock is very slightly broken with good recovery. Upper contact is very sharp and oriented @ 095/30° to S_2. lower contact is also very sharp but oriented at 210°/50° relative well defined banding (S_2) within lower unit. ESTIMATED grade is >35%
	563.8	564.8		259	4645	↓
						Purplish buff moderately well banded unit is strongly mineralized strongly baritic and hosts 2-3% dolomite clots of variable orientation (5-7mm) Unit is slightly silt, streaks black, slightly to moderately broken with good recovery. Upper contact is very sharp and oriented 210°/50° relative banding (S_2). lower contact is moderately sharp, slightly irregular but generally parallel banding (S_2). ESTIMATED grade is 20-25%.

DDH 90DY-09 (2 — 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN'91 Logged By: J. Zbeckwith

Code	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
	564.8	565.4		26P	AEA	→ 464
						Unit is brassy yellow moderately to weakly mineralized with knots of wispy purplish color. Unit is very crudely banded and contains 60-70% pyrite and 7% 2-3mm barite (?) clots. Rock is slightly hard, streaks black is moderately broken with good recovery. Upper contact is sharp irregular but generally trends parallel banding (S_1). Lower contact is sharp and parallels banding (S_2?) Estimated grade is 15%.
	565.4	566.7		261	AEA	
						Light gray, slightly purple unit is crudely banded slightly calcareous and displays a distinct clotty texture defined by barite (?) Unit is moderately to strongly mineralized. Rock is slightly soft and streaks black. Core is slightly broken with good recovery. Upper and lower contacts are sharp and parallel banding. Estimated grade is 20-25%.

C.R.I. 1987 F. 7A

DDH 90DX-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '9 Logged By: J. Zbeetnik

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	566.7	567.1		262	ALO	#
						Buff to slightly yellow weakly calcareous phyllite is strongly S_2 foliated and hosts 0-1% 1-2mm fuchsite. Pb+Zn mineralization is extremely rare and occurs in wisps parallel S_2. Rock is soft slightly broken and has good recovery. Upper and lower contacts are sharp and parallel S_2. ESTIMATED grade is <1%
	567.1	569.4		263	AGA	strongly broken.
						Buff to slightly purple unit is poorly banded generally clotted with barite Mineralization is moderate. Interval is strongly broken & locally rubble. Rock is slightly silt and streaks black. Upper contact is sharp and parallel S_2. Lower contact is crushed and in contact with gouge below. ESTIMATED grade is 12%.
	569.4	570.1		264	5AQ	GOUGE & Crushed rock - FAULT
						Interval consists of Black gouge with sporadic rock fragments. Gouge is very carbonaceous and non-calcareous. Pyrite is sporadic and constitutes <2% of unit. No Pb+Zn mineralization is

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 7/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Light to medium grey phyllite with buff-white calcite-quartz siltstone laminae/beds following S_1/S_2. Moderately calcareous. PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Very good core recovery. Good RQD. Sharp upper contact at CA 90°. Gradational contact parallel S_2 (CA 70°).
						Darker grey weakly carbonaceous phyllite with siltstone laminae, beds parallel S_2 is calcareous, moderately soft and has gradational contacts with 5BØ.
						White buff quartz-calcite bands or concordant veins cross-cutting S_2 at 85°. moderately calcareous, hard and have sharp contacts cross-cutting 5BØ, 5BØ2.
L	2481	2486		ØØ97	5B71	
						Light to medium grey phyllite with olive grey chloritic bands, buff-white calcite-quartz siltstone laminae, beds following S_2 and veinlets cross-cutting S_2. Moderately calcareous. PS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Silicified. Gradational contacts parallel S_2
L	2486	2608		Ø098	5BØ	(5BØ2: 100ft) LOCAL HEALED BRECCIAS.
						Light to medium phyllite with buff-white calcite-quartz siltstone laminae/bands following S_1/S_2. Moderately to very calcareous (locally, quickly etched by 10% HCl acid). CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite (rim replacement). Local healed oligomict clast-supported breccia. Very good core recovery. Good RQD. Gradational upper contact parallel S_2. Fairly sharp lower contact $\perp S_2$.
						Darker grey phyllite with siltstone laminae, beds following S_2 is calcareous, softer, and has gradational contacts with 5BØ.

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 7/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ, 5BØ2.
L	2608	2637		ØØ9	5CØ	(5CØ2: 100#) 7Ø:29:Ø1 Medium grey v.f.g. aphanitic (metabasite) groundmass, white f.g. anhedral (leucoxene?) and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Highly overprinted by S_2. Moderately calcareous. PS_2 foliated. Silvery grey fracture surfaces. Moderately hard. No sulphides. Very good core recovery. Good RQD. Fairly sharp upper, lower contacts parallel S_2.
						Dark grey banded equivalent of above. Is calcareous, softer, weakly carbonaceous (no graphite), and have gradational contacts with 5CØ.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard and have sharp contacts with 5CØ, 5CØ2.
L	2637	2673		1ØØ	5BØ2	LIMONITIC, VUGGY.
						Dark to medium grey phyllite with buff-white calcite-quartz siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS and PS_2 foliated. Vuggy. Ochre limonitic veinlets parallel, crosscutting S_2. Dark silvery grey and ochre (limonite) fracture surfaces. No sulphides (pyrite → limonite?). Very good core recovery. Good RQD. Gradational contacts parallel S_2. Some wisps of olive grey Mg-chlorite.
L	2673	2679		1Ø1	5BØ8	
						Light to medium grey phyllite, with siltstone laminae, beds; as above. Moderately

DDH 90DY-09 (2 8)

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Lithologic Log

Date: Feb. 7/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						calcareous. CS_2 and PS_2 foliated. No sulphides. Good core recovery. Fair RQD. Gradational contacts parallel S_2. Weakly chloritic (olive-grey tint).
L	267.9	270.5		102	5B02	BLOCKY TO RUBBLY WITH GOUGE
						Dark to medium grey phyllite with buff-white siltstone laminae/bands following S_1/S_2 and carbonate-quartz veinlets cross-cutting S_2. Moderately calcareous (CS_2 and PS_2 foliated. Weakly carbonaceous. Dark silvery grey fracture surfaces (no graphite). Moderately soft to soft. No sulphides. Occasional yellowish-white (muscovite) clay fracture surfaces. Very good core recovery. Fair to poor RQD. Blocky core at 268.2-269.1, 269.5-269.7. Rubbly core at 269.1-269.5. Clayey gouge at 268.9. Gradational upper contact parallel S_2. Sharp lower contact at CA 70°
L	270.5	271.1		103	5C72	
						Dark grey v.f.g. aphanitic (metabasite) groundmass, white f.g. anhedral (leucoxene?) phenocrysts, and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Overprinted by S_2 and chloritic bands parallel S_2. Weakly carbonaceous (no graphite). Moderately calcareous. PS_2 foliated. Dark grey and olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 70°. Sharp lower contact at CA 90°.
L	271.1	273.4		104	5B02	BLOCKY TO RUBBLY.
						Dark grey weakly carbonaceous phyllite with off-white quartz-carbonate siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated.

DDH 90DV-09 (2 8)

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Lithologic Log

Date: Feb. 7/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Dark silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Fair to poor RQD. Rubbly core at 271.5-271.8, 271.8-272.1, 272.6-272.7, 272.8-273.2. Blocky core at 271.6-271.8, 272.1-272.5, 272.7-272.8. Sharp upper contact at CA 90°. Sharp lower contact at CA 35°.
L	2734	2839		105	5BØ	(1ØQ#: 5BØ2) 9Ø:1Ø: TRACE Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (≤5 mm). Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite. Very good core recovery, RQD. Sharp upper contact at CA 35°. Gradational lower contact parallel S_2. White-buff quartz-calcite veins or concordant veins subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ, 5BØ2.
L	2839	2847		106	5B7	(1ØQ#) 98:Ø2 Light to medium grey phyllite with olive grey chloritic bands and off-white quartz-calcite siltstone laminae/beds following S_2. Moderately calcareous. PS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (≤7mm). Very good core recovery, RQD. Gradational upper contact parallel S_2. Sharp lower contact at CA 70°. White-buff quartz-calcite bands or concordant veins subparallelling S_2 are calcareous, hard and have sharp contacts with 5B7.

DDH 90DV-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 7/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	284.7	285.0		107	SC7	
						Light to medium grey v.f.g. aphanitic (metabasite) groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous textures. Overprinted by S_2 and chloritic bands parallelling S_2. Moderately calcareous. Very good core recovery, RQD. Sharp upper contact at CA 70°. Sharp lower contact convoluted at CA 20°-90°.
L	285.0	287.4		108	SB7	
						Light to medium grey phyllite with olive grey chloritic bands parallel S_2 and off-white quartz-calcite siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite. Very good core recovery, RQD. Sharp upper contact convoluted at CA 20°-90°. Sharp lower contact at CA 80°.
L	287.4	287.5		109	SC7	
						Metabasite with S_2 overprint and chloritic banding, as above. Very good core recovery, RQD. Sharp upper, lower contacts at CA 80°.
L	287.5	287.8		110	SB7	
						Calcareous phyllite with olive-grey chloritic bands parallel S_2, as above. Very good core recovery. Good RQD. Sharp upper contact at CA 80°. Gradational lower contact // S_2.

DDH 90DV-09 (2 8)

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Lithologic Log

Date: Feb. 7/91 Logged By: D. Hallinan

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	2878	2893		111	5BØ	(100#) 70:30
						Light to medium grey phyllite with off-white quartz-carbonate siltstone laminae/bands following S_1/S_2. Moderately calcareous. PS_2 and CS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Vuggy, locally. Very good core recovery. Good RQD. Gradational upper contact parallel S_2. Sharp lower contact at CA8Ø°.
						White-buff quartz-calcite bands or concordant veins subparallelling S_2 are moderately calcareous, hard and have sharp contacts with 5BØ.
L	2893	2901		112	5CØ8	
						Medium grey v.f.g. aphanitic (metabasite) groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic texture. Weak pervasive olive-grey chloritization. Moderately calcareous. PS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good to fair RQD. Upper and lower chill margins. Sharp upper, lower contacts at CA8Ø°.
L	2901	2914		113	5B7	(100#) 70:30
						Medium to light grey phyllite with olive-grey chloritic bands parallel S_2 and off-white quartz-calcite siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Sharp upper contact at CA8Ø°. Gradational lower contact.
						White-buff quartz-calcite bands or concordant veins subparallel S_2 are

DDH 90DY-09 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 7/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						moderately calcareous, hard and have sharp contacts with SB7.
L	29.14	29.24		1.14	5BØ	(5BØ2) 8Ø:2Ø.
						Light to medium grey phyllite with off-white calcite-quartz siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Gradational contacts parallel S_2.
L	29.24	29.25		1.15	5F7	
						Olive grey phyllite and off-white calcite-quartz siltstone laminae, bands following S_2. Moderately calcareous. PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational upper contact. Sharp lower contact at ∠70°.
L	29.25	29.99		1.16	5C7	
						Medium grey v.f.g.-f.g. aphanitic-phaneritic metabasite groundmass, white f.g.-m.g. anhedral (leucoxene after plagioclase?) phenocrysts and black f.g.-m.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Overprinted by S_2 and olive grey chloritic bands parallel S_2. Moderately calcareous. Silvery grey and olive grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (≤ 5mm). Trace disseminated pyrrhotite as euhedral cubes pseudomorphs after pyrite (rim replacement seen). Locally healed clast supported breccias occur. Very good core recovery. Good RQD.

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 7/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Sharp upper contact at CA 70°. Sharp lower contact at CA 80°.
L	2999	3002		117	5B7	
						Light to medium grey phyllite with olive grey chloritic bands and off-white quartz-carbonate siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 80°. Gradational contacts parallel S_2.
L	3002	3103		118	5B0	(5B07: 100#) 70:25:05
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (<3mm). Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite. Locally, healed oligomict clast-supported breccias. Very good core recovery. Good RQD. Gradational contacts parallel S_2. Vuggy.
						Banded chloritic variety is calcareous, moderately soft and has gradational contacts with 5B0.
						White-buff quartz-calcite bands and concordant veins subparallelling S_2 are moderately calcareous, hard and have sharp contacts with 5B0, 5B07
L	3103	3107		119	5B7	
						Light to medium grey phyllite with olive grey chloritic banding parallel S_2. Moderately

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 9/91 Logged By: D. Hallowell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						calcareous, CS_2 and PS_2 foliated. Olive grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite. Very good core recovery. Good RQD. Gradational contacts.
L	3107	3123		120	5B0	
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/bands following S_2. PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Oligomict healed matrix (quartz carbonate) supported breccia with angular elongate phyllite clasts and vuggy near lower contact (3123-3123). Good core recovery. Fair RQD. Gradational contacts parallel S_2.
L	3123	3130		121	5F71	
						Light olive grey to grey banded phyllite with off-white quartz-calcite siltstone laminae, bands following S_2. Moderately calcareous. PS_2 foliated. Olive grey to silvery grey fracture surfaces. Moderately hard, smooth (silicified). No sulphides. Good core recovery, RQD. Gradational contacts parallel S_2.
L	3130	3135		122	5B0	
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational upper contact parallel S_2. Sharp lower contact at CA 30°.

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 7/91 Logged By: D. Hallinwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	313.5	315.0		123	5FØ	
						Olive grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_2. Moderately calcareous. CS_2 and PS_2 foliated. Olive grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite. Very good core recovery. Good to fair RQD. Quartz-carbonate veinlets cross-cut S_1, S_2 (following L_3, L_4 or L_5?) at CA Ø°-4Ø°. Blocky core at 313.5-314.Ø. Gradational contacts parallel S_2.
L	315.0	316.9		124	5BØ	(5B7) 7Ø:3Ø
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite. Quartz-calcite veinlets cross-cut S_1, S_2 at CA Ø°-2Ø°, CA 6Ø°-7Ø°. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
						Banded-chloritic calcareous phyllite is moderately soft and has gradational contacts with 5BØ. Occurs near lower contact (316.5-316.9).
L	316.9	319.2		125	5BØ2	(5BØ:5B7) 5Ø:3Ø:2Ø
						Dark to medium grey, weakly carbonaceous phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft to soft. Trace disseminated pyrite as euhedral cubes (≤4mm). Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite (≤4mm). Very good core recovery. Good RQD. Gradational

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 9/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						upper contact parallel S_2. Sharp lower contact at CA 80°.
						Lighter grey non-carbonaceous phyllite is calcareous and has gradational contacts with 5B02.
						Banded chloritic phyllitic is also calcareous and has gradational contacts with 5B02.5B0.
L	319.2	320	1	126	5C0	HEALED BRECCIA CONTACTS.
						Medium olive grey v.f.g aphanitic (metabasite) groundmass, white f.g anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Overprinted by S_2. Moderately calcareous. PS_2 foliated. Moderately soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite. Healed oligomict clast-supported breccia at upper, lower contacts. Good core recovery. Good RQD. Blocky core at 319.7-320.0. Sharp upper, lower contacts at CA 80°
L	320	325.6		127	5B0	(5B02:100#) HEALED BRECCIA
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite. Locally, healed oligomict clast-supported breccia with angular-elongate phyllite clasts. Very good core recovery. Good RQD. Blocky core at upper contact (320.1-320.3). Sharp upper, lower contacts at CA 80°.
						Dark to medium grey weakly carbonaceous phyllite with siltstone laminae/beds is calcareous, moderately soft to soft, and have gradational contacts with 5B0.
						White-buff quartz-calcite concordant bands or veins subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5B0, 5B02.

DDH 90DY-09

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 9/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
L	325.6	326.2		128	5C08	→ 5C02
						Medium olive grey v.f.g. aphanitic (metabasite) groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Overprinted by S_2 and (locally) carbonaceous laminae parallel S_2. Moderately calcareous. Olive grey and white (clayey) fracture surfaces. PS_2 foliated. Moderately soft. No sulphides. Good core recovery. Fair RQD. Blocky core at 325.8-325.9. Off-white-ochre quartz-carbonate ± limonite and olive grey fracture surfaces. Sharp upper contact at CA80°. Sharp lower contact at CA85°.
L	326.2	326.9		129	5B0	
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Moderately soft. No sulphides. Very good core recovery, RQD. Sharp upper contact at CA85°. Sharp lower contact at CA80°.
L	326.9	327.4		130	5C08	
						Medium grey v.f.g. aphanitic (metabasite) groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts. Overprinted by S_2 and olive-grey chloritic laminae, bands. Moderately calcareous. PS_2 foliated. Olive grey and silvery grey fracture surfaces. Moderately soft. No sulphides. Sharp upper contact at CA80°. Sharp lower contact at CA70°.
L	327.4	328.0		131	5B0	MINOR HEALED BRECCIA.

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 9/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. PS_2 and CS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Healed oligomict clast-supported breccia with angular elongate phyllite clasts. Very good core recovery, RQD. Sharp upper contact at CA70°. Sharp lower contact at CA85°.
L	3280	3290		132	5C0	
						Medium grey f.g. anhedral plagioclase(?), white f.g. anhedral leucoxene(?) and black f.g. subhedral (amphibole, pyroxene?) grains in relict phaneritic igneous texture. Weakly overprinted by S_2. Moderately calcareous. Weak PS_2 foliation. Medium grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA85°. Sharp lower contact at CA90°. Metabasite.
L	3290	3294		133	5B0	
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/bands following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA90°. Sharp lower contact at CA80°.
L	3294	3302		134	5C0	STRONG S_2 OVERPRINT
						Medium grey f.g. anhedral plagioclase(?) white f.g. anhedral leucoxene(?) and black f.g. subhedral amphibole, pyroxene(?) within relict phaneritic to aphanitic igneous

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 9/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						texture of metabasite. Moderately calcareous. Strongly PS_2 foliated. Medium grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 80°. Sharp lower contact at CA 85°.
L	330.2	331.2		135	5B/0	
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Sharp upper contact at CA 85°. Gradational lower contact parallel S_2.
L	331.2	333.5		136	5B/02	
						Dark to medium grey phyllite with off-white quartz-calcite siltstone beds following S_1, S_2. Weakly carbonaceous. Weakly calcareous. PS_2 and CS_2 foliated. Dark grey fracture surfaces. Moderately soft to soft. No sulphides. Very good core recovery. Good RQD. Blocky core at 332.0-332.1. Gradational contacts parallel S_2.
L	333.5	333.9		137	5B/0	
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2 and veinlets cross-cutting S_1, S_2. Weakly calcareous. PS_2 and CS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Gradational contacts parallel S_2.

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 9/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	3339	3351		138	SBØZ	
						Dark to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Weakly carbonaceous. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Gradational contacts parallel S_2.
L	3351	3360		139	SBØ	(100#) 70:30
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Gradational contacts parallel S_2.
						White-buff quartz-calcite concordant bands or veins subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with SBØ. Contain rip-up clasts of phyllite.
L	3360	3363		140	SBØ2	(100#) 80:20
						Dark to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Weakly carbonaceous. Moderately calcareous. PS_2 and (rare) CS_2 foliated. Dark grey fracture surfaces. Moderately soft to soft. No sulphides. Very good core recovery. Good RQD. Gradational upper contact parallel S_2. Sharp lower contact at CA60°.
						White-buff quartz-calcite concordant bands (veins?) subparallelling S_2 are moderately calcareous, hard and have sharp contacts with SBØ2.

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 9/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	3316 3	3385		141	10E8	(10A8?) 70:30 MELANOCRATIC: LEUCOCRATIC Dark to medium grey (pyroxene-plag.) v.f.g. aphanitic dioritic groundmass, off-white c.g. subhedral laths and rhombs of plagioclase phenocrysts and black m.g. subhedral to euhedral amphibole phenocrysts within fresh porphyritic igneous texture. Weakly calcareous. Massive. Speckled grey-white-black fracture surfaces. Moderately hard to hard. Trace disseminated f.g. pyrite cubes. Very good core recovery, RQD. Sharp contacts between melanocratic, leucocratic phases (relative ages difficult to discern). Sharp upper contact at CA50°. Gradational lower contact. Non-magnetic. Lighter grey leucocratic phase is harder and has ~10% quartz. (→granodiorite?).
L	3385	3435		142	10D74	&5 ALTERED or albite-epidote saussuritized plagioclase?) Light apple-green (quartz-sericite "bleached"?) v.f.g. aphanitic (quartz dioritic?) groundmass, c.g.-v.f.g. subhedral to euhedral laths and rhombs of plagioclase, 15-20% f.m.g. anhedral smoky quartz, and black f.g. subhedral biotite within pervasively altered porphyritic igneous texture. Very weakly calcareous. Massive. Apple green speckled fracture surfaces. Hard. No sulphides. Very good core recovery. Very good to good RQD. Gradational contacts with other intrusive phases.
L	3435	3438		143	10E0	→10D0 FRESH Light grey (plagioclase-quartz) v.f.g. aphanitic (diorite to granodioritic) groundmass, White v.c.g. subhedral to euhedral laths and rhombs of plagioclase, 8% f.g. anhedral quartz phenocrysts and black f.g. subhedral amphibole phenocrysts within fresh porphyritic to phaneritic igneous texture. Very weakly calcareous. Hard. No sulphides. Very good core recovery. Good RQD. Gradational contacts with other intrusive phases.

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	3438	3490		144	1ØD74	&5. ALTERED
						Light apple-green (quartz-sericite "bleached"? or albite-epidote saussuritized plagioclase) v.f.g. aphanitic groundmass, off-white c.g.-v.e.g. subhedral to euhedral laths and rhombs of plagioclase, 10%-15% smoky white m.g. anhedral quartz phenocrysts and black f.g. subhedral to euhedral amphibole phenocrysts within porphyrytic to phaneritic igneous texture. Very weakly calcareous. Massive. Apple-green speckled fracture surfaces. Hard. No sulphides. Very good core recovery. Good to fair RQD. Blocky core at 343.8-343.9, 3445-344.6, 344.8-345.Ø, 345.4-345.7. Gradational contacts with other intrusive phases.
L	3490	3495		145	1ØD74	RELATIVELY FRESH
						Light apple-greenish grey (weak saussuritization of plag or qtz-ser. "bleaching") v.f.g. aphanitic groundmass, off-white c.g.-v.e.g. subhedral to euhedral laths and rhombs of plagioclase, Smoky m.g. anhedral quartz phenocrysts and black f.g. subhedral to euhedral amphibole phenocrysts within porphyrytic to phaneritic igneous texture. Very weakly calcareous. Massive. Hard. Apple-green speckled fracture surfaces. Hard. No sulphides. Very good core recovery, RQD. Gradational contacts with other intrusive phases.
L	3495	3540		146	1ØDØ4	&75 SERICITIZED?
						Yellowish-green-grey (quartz-sericite bleached?) v.f.g. aphanitic groundmass, off-yellowish-white c.g.-v.c.g. subhedral to euhedral laths and rhombs of zoned plagioclase, Smoky b.g.-c.g. anhedral quartz and black f.g. subhedral to euhedral amphibole within porphyrytic to phaneritic igneous texture. Very weakly calcareous. Massive. Hard. Apple green and yellow (amorphous sericite) fracture surfaces. Yellow core replacement of plagioclase by sericite. Very good core recovery. Good to fair RQD. Blocky core

DDH 90DY-09 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 9/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						at 351.6-351.8, 353.3-353.5. Gradational contacts with other intrusive phases.
L	3540	3552		147	10D04	&75, SAUSSURITIZED? Apple-green (epidote-albite) v.f.g. aphanitic groundmass, off-white c.g.-v.c.g. subhedral to euhedral laths and rhombs of zoned plagioclase, (phenocrysts) ? smokey m.g. anhedral quartz phenocrysts and black f.g. subhedral to euhedral amphibole phenocrysts within a porphyritic to phaneritic igneous texture. Very weakly calcareous. Massive. Apple green speckled fracture surfaces. Hard. Lighter off-white (albite) rim replacement of more calcic plagioclase. No sulphides. Very good core recovery. Good RQD. Gradational contacts with other intrusive phases.
L	3552	3615		148	10E7	FRESH. Dark grey v.f.g. aphanitic groundmass, off-white c.g. subhedral to euhedral laths and rhombs of plagioclase (phenocrysts) and black m.g. subhedral to euhedral amphibole phenocrysts within fresh porphyritic igneous texture. Very weakly calcareous. Massive. Speckled dark grey fracture surfaces. Moderately hard. No sulphides. Gradational contacts with other intrusive phases above. Sharp lower contact at @ 80°
L	3615	3647		149	5F7	(5C0:10Q) 80:15:05 Medium grey v.f.g. aphanitic (metalousite) groundmass with olive-grey chloritic laminae, bands following S_2, white f.g. anhedral (leucoxene?) phenocrysts and black subhedral to euhedral amphibole phenocrysts within a relict porphyrytic igneous texture. Overprinted by S_2. Moderately calcareous. PS2 foliated. Moderately soft. Trace disseminated pyrite as euhedral cubes. Very good core recovery. Good off-white quartz-calcite veinlets(?) and

DDH 90DX-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

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Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						RQD. Sharp upper and lower contacts at CA 80°.
						Medium grey metabasite, without chloritic band. S_2 overprint at 362.6-362.8 is moderately calcareous and has gradational contacts with 5C7.
						White buff bull quartz-calcite band or segregation cross-cuts S_2, is moderately calcareous, hard and has sharp contacts with 5C7, 5C8.
L	364.7	365.5		150	5B02	
						Dark to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2 and quartz-calcite veinlets cross-cutting S_1, S_2 (following L_3, L_4, L_5?) at CA 0°-20°. Moderately calcareous. CS_2, PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (≤6mm), partially dissolved. Fair to poor core recovery (0.2m lost core within blocky zones). Poor RQD. Blocky zones at 364.7-364.8, 365.0-365.5. Gradational contacts parallel S_2. Healed oligomict clast-supported breccia with angular-elongate carbonaceous phyllite clasts at 364.8-365.0. Weakly carbonaceous matrix.
L	365.5	366.7		151	5B0	
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2 and quartz-calcite veinlets cross-cutting S_1, S_2 at CA 0°-20° (following L_3, L_4 or L_5?). Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes (≤5mm). Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite (rim replacement of pyrite). Good core recovery. Fair RQD. Blocky core at 366.1-366.7 (rubbly core at 366.2-366.4). Gradational contacts parallel S_2.

Note:

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 9/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	36
L	366.7	368.1		152	5B02	
						Dark to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2 and quartz-calcite veinlets cross-cutting S_1, S_2 at CA 0°-30° (follows L_3, L_4, L_5?). Moderately calcareous. CS_2 and PS_2 foliated. Moderately soft. Trace disseminated pyrite as euhedral cubes. Good core recovery. Fair RQD. Blocky core at 366.7-368.8. Gradational upper contact parallel S_2. Sharp lower contact at CA 70°
L	368.1	369.8		153	5C8	(5CØ) 60:40
						Medium olive grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral amphibole phenocrysts within relict porphyritic igneous texture. Moderately calcareous. CS_2 and PS_2 foliated. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 70°. Sharp lower contact at CA 70°. Pervasive olive grey chloritization.
						Medium olive grey non-chloritized metabasite is calcareous, moderately soft and has gradational contacts with 5C8.
L	369.8	371.2		154	5B0	
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational upper contact parallel S_2. Sharp lower contact at CA 70°.
L	371.2	371.4		155	5C0	

CRI 1087 F-3A

DDH 91DV-09

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 9/91 Logged By: D. Helliwell

Code	From	To	Recov.	No.	Unit	Description
						Medium olive grey v.fg aphanitic metabasite groundmass, white fg anhedral (leucocene?) phenocrysts and black f.g. subhedral (amphibole?) phenocrysts within relict porphyritic igneous texture. Weak S_2 overprint. Very calcareous (quickly etched by 10% HCl acid). PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Sharp upper, lower contacts at CA 70°, CA 60°, respectively.
L	371.4	373.9	1.56		5B01	
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Moderately soft. No sulphides. Healed oligomict clast-supported breccia with angular-elongate phyllite clasts. Good core recovery. Fair to poor RQD. Blocky core at 371.4-371.8, 372.5-373.4. Sharp upper contact at CA 60°. Sharp lower contact at CA 90°.
L	373.9	374.8	1.57		5C0108	
						Medium grey v.fg aphanitic metabasite groundmass, white f.g. anhedral (leucocene?) phenocrysts and black f.g. amphibole phenocrysts within relict porphyrytic igneous texture. Overprinted by S_2 and weak olive grey chloritic banding parallel S_2. Moderately calcareous. PS_2 foliated. Olive grey and silvery grey fracture surfaces. Moderately soft. No sulphides. Brecciated and vuggy at 375.2-375.3. Very good core recovery, RQD. Sharp upper contact at CA 90°. Sharp lower contact at CA 75°.
L	374.8	376.4	1.58		5B01	

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

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Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Strongly calcareous (quickly etched by 10% HCl acid). CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Quartz-calcite veinlet at CA 30° cross-cutting S_1, S_2 (following L_2, L_4, L_5?). Sharp upper contact at CA 75°. Sharp lower contact at CA 80°.
L	377.64	377.67	1.59		5CØ	
						Medium grey v.f.g. aphanitic metabasite groundmass; white f.g. anhedral (leucocene?) phenocrysts and black f.g. amphibole phenocrysts within relict porphyrytic igneous texture. Very weak S_2 (chloritic band) overprint. Moderately calcareous. PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Very good core recovery, RQD. Sharp upper contact at CA 80°. Sharp lower contact at CA 70°.
L	377.67	378.81	1.60		5BØ	
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. PS_2 and CS_2 foliated. Moderately soft. No sulphides. Very good core recovery. Good to fair RQD. Blocky core at 377.5-377.8. Upper and lower contacts at CA 70°.
L	378.81	382.00	1.61		5B02	(100#) 98:02
						Dark to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Weakly carbonaceous (no graphite). Moderately soft. Trace disseminated py-

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb 9/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						rite as euhedral cubes. Good core recovery. Fair to poor RQD. Blocky core at 379.0-379.2, 380.1-380.7. Gradational contacts parallel S_2. White buff
L	382.0	385.0		162	5820	BLOCKY TO RUBBLY ZONE. Dark to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous, CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrite as euhedral cubes. Fairly carbonaceous; no graphite. Fair to poor core recovery/0.1m core loss at 382.8-384.0; 0.1m core loss at 384.0-384.7. Poor RQD. Blocky core throughout (rubbly core at 384.0-384.7). Water turns much core into clayey gouge. Gradational contacts parallel S_2.
L	385.0	389.6		163	5802	BLOCKY TO RUBBLY ZONE. Dark to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. Weakly carbonaceous (no graphite). CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Very soft to soft. No sulphides. Good core recovery. Fair RQD. Blocky to rubbly core at 387.0-388.0, 389.2-389.5. Gradational contacts parallel S_2.
L	389.6	392.7		164	580	Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous, CS_2 and PS_2 foliated. Moderately soft. No sulphides. Good core recovery. Fair RQD. Blocky core at 390.8-391.1, 391.4-392.6. Clayey fault gouge at CA 60° at 390.8. Gradational contacts parallel S_2.

DDH 90V1-09 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 10/91 Logged By: D. Hallinwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	392.7	394.5		165	5BØ2	
						Dark to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Weakly carbonaceous. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. No sulphides. Quartz-calcite veinlets cross-cutting $S_1 S_2$ at CA @ 2Ø°. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
L	394.5	396.5		166	5BØ	(1ØQ#) 9Ø:1Ø
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs of pyrite. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
						White-buff quartz-calcite concordant bands or veins subparallelling S_2 are moderately calcareous, hard and have sharp contacts with 5BØ.
L	396.5	397.5		167	5BØ2	
						Dark to medium grey phyllite with off-white ±ochre quartz-calcite ±limonite siltstone laminae/beds following S_1/S_2. Weakly carbonaceous. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey and ochre (limonite) fracture surfaces. Moderately soft. No sulphides. Good core recovery. Fair RQD. Blocky core at 396.5-396.7. Gradational contacts parallel S_2.
L	397.5	404.6		168	5BØ	(1ØQ#) 9Ø:1Ø
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey and

DDH 90v1-09

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 10/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
						ochre (limonite) fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good core recovery. Rare rubbly core at 400.0-400.1. Gradational contacts parallel S_2.
L	4046	4051		169	5F0	→ 5D0
						Olive-grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. Pervasive olive chloritization. CS_2 and PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
L	4051	4177		170	5B0	(5B02:10Q#) 90:08:02
						Light to medium grey phyllite and off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Fair RQD. Rare blocky core at 407.5-407.8, 415.0-415.2, 416.0-416.9. 0.4m. core loss at 414.5-416.4. Gradational upper contact parallel S_2. Sharp lower contact at CA85°.
						Darker grey weakly carbonaceous phyllite is calcareous, moderately soft to soft, and has gradational contacts with 5B0.
						White-buff quartz-calcite concordant bands (veins?) subparallelling S_2 are moderately calcareous, hard and have sharp contacts with 5B0, 5B02.
L	4177	4188		171	5C0	
						Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral to euhedral amphibole phenocrysts within relict

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 10/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						porphyrytic igneous texture. Strongly overprinted by S_2 and quartz-calcite, and carbonaceous banding parallel S_2. Moderately calcareous. PS_2 and (locally) CS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Fair RQD. Blocky core at 417.8-418.2. Sharp upper contact at CA 85°. Sharp lower contact at CA 70°.
L	418 8	423 4		172	5BØ	(100#: 5EØ) 96:02:02
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite. Very good core recovery. Good RQD. Vuggy at 419.Ø-419.1 (weakly limonitized). Sharp upper contact at CA 70°. Sharp lower contact at CA 90°.
						White-buff quartz-calcite concordant bands (veins?) subparallelling S_2. Moderately calcareous. Hard. Sharp contacts with 5BØ.
						Bluish grey finely laminated marbly unit has quartz-calcite siltstone laminae parallel S_2; are strongly calcareous and has fairly sharp contacts with 5BØ.
L	423 4	423 8		173	5CØ	
						Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (feldspar?) phenocrysts and black f.g. subhedral (pyroxene, amphibole?) phenocrysts within relict porphyrytic texture. Weak S_2 overprint. Moderately calcareous. Silvery grey fracture surfaces. Weakly PS_2 foliated. Moderately soft. Very good core recovery. Good RQD. Sharp upper contact at CA 90°. Sharp lower contact at CA 80°.

DDH 90VY-09 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 10/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	423.8	424.5		174	5B02	
						Dark to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft to soft. No sulphides. Good core recovery. Fair to poor RQD. Blocky core at 423.8 - 424.3. Sharp upper contact at CA60°. Gradational contacts parallel S_2.
L	424.5	425.4		175	5C0	(5C02) 90:10
						Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole?) phenocrysts within relict porphyritic igneous texture. Overprinted by S_2 and carbonaceous beds parallel S_2. Moderately calcareous. PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs of pyrite.
L	425.4	434.2		176	5B0	(5B02) 90:10
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
						Dark to medium grey weakly carbonaceous phyllite is calcareous, softer and has gradational contacts with 5B02.

DDH 90UY-09 (2 . 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 10/91 Logged By: D. Hallinell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	4342	4345	17	177	5F7	
						Olive grey phyllite with off-white quartz-calcite siltstone laminae following S_2. Moderately calcareous. PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
L	4345	4364		178	5BØ	
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
L	4364	4371		179	5B7	→ 5C7
						Light to medium grey phyllite with olive-grey chloritic bands and off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational upper contact parallel S_2. Sharp contact at CA 75°.
L	4371	4397		180	5C7	→ 5B7
						Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucocratic?) phenocrysts and black subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture? Strong S_2 overprint moderately calcareous. CS_2PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace diss. pyrrhotite. Chloritic banding parallel S_2. Very good core recovery. Fair RQD. Sharp upper contact at CA 75°. Sharp lower contact at CA 60°.

DDH 90VY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 10/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	4397	4413			5F7	→ 5C7
						Medium grey to olive grey (chloritic) banded phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliation. Silvery grey and olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 80°. Sharp lower contact at CA 70°.
L	4413	4424			5C7	→ 5F7
						Medium grey v.f.g. aphanitic metabasite groundmass with olive grey chloritic bands parallel S_2, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral amphibole phenocrysts within relict porphyritic igneous texture. Moderately calcareous. PS_2 and (rarely) CS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 70°. Sharp lower contact at CA 85°.
L	4424	4455			5BØ	(5BØ → 5B7: 10Q#) 85:10:05
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 85°. Gradational lower contact parallel S_2.
						Olive grey to grey chloritic banded phyllite occurs near upper contact, is calcareous and has gradational contacts with 5BØ
						White-buff quartz-calcite concordant bands (veins) subparallel/following S_2. Moderately calcareous. Hard. Sharp contact with 5BØ, 5BØ → 5B7.

DDH 90VY-09

CURRAGH RESOURCES INC.

Lithologic Log

Page 66

Date: Feb. 10/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	4455	4457		181	5B02	
						Dark to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft to soft. No sulphides. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
L	4457	4479		182	5B0	(SE0) 99:01
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
						Bluish-grey laminated marbly units are calcareous and have fairly sharp contacts with 5B0.
L	4479	4496		183	5B02	
						Dark to medium grey weakly carbonaceous phyllite with siltstone laminae/beds following S_1/S_2; as above. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft to soft. No sulphides. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
L	4496	4507		184	5B0	
						Light to medium grey phyllite with siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational contacts parallel S_2.

DDH 90V4-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 10/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	4507	4526		185	5B02	
						Dark to light grey weakly carbonaceous phyllite with quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft to soft. Trace disseminated pyrrhotite. Very good core recovery. Good to fair RQD. Gradational contacts parallel S_2.
L	4526	4547		186	5BØ	
						Light to medium grey phyllite with quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational upper contacts parallel S_2. Sharp lower contact at @ 20°.
L	4547	4551		187	5CØ	→ 5C7
						Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral amphiboles within relict porphyritic igneous texture. Weak S_2 (chlorite bands) overprint. Moderately calcareous; PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Fair RQD. Sharp upper contact at @ 20°. Sharp lower contact at @ 60°.
L	4551	4605		188	5BØ	(100#:5F7) 85:10:05
						Light to medium grey phyllite with off white quartz-calcite laminae/beds following S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery

DDH 9ØUY-Ø9 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 10/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
						grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite. Very good core recovery. Good RQD. Sharp upper contact at CA6Ø°. Gradational lower contact parallel S_2. Banded chloritic subunit locally present. Quartz-calcite beds/veins subparallel S_2 are hard, and have sharp contacts with 5BØ.
L	46Ø5	461 1		189	5BØ2	Dark to medium grey weakly carbonaceous phyllite with siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery fracture surfaces. Moderately soft to soft. No sulphides. Very good core recovery. Good RQD. Gradational contacts parallel S_2
L	461 1	466Ø		19Ø	5BØ	→ 5B7 (5BØ2:1ØQ#) 8Ø:15:Ø5 Light to medium grey phyllite with siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational upper contacts parallel S_2. Sharp lower contact at CA7Ø°.
L	466Ø	466 7		191	5CØ7	Medium olive grey metabasite with leucoxene(?) and amphibole phenocrysts within relict porphyritic igneous texture overprinted by S_2. Moderately calcareous. PS_2 foliated. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA7Ø°. Sharp lower contact at CA9Ø°

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-09

Units: Feet / Metres Date: Feb. 13/91 Logged By: DRH Page 6-8 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES w.r.t. CA												CORE SIZE	COMMENTS
						0-30				30-65				65-90					
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
532.2	3.0	2.4	R3	14	1	0	—	—	—	2	16	10.0	J	20	14	8.0	S	NQ	
535.2	3.1	2.0	R3	13	1	1	14	10.0	J	2	12	10.0	J	23	14	8.0	S		
538.3	3.1	1.7	R2	12	1	0	—	—	—	2	11	10.0	S	49	12	3.0	S		
541.3	3.1	2.5	R3	12	1	0	—	—	—	1	16	10.0	J	25	12	8.0	S		
544.4	3.1	2.4	R2	14	1	1	15	10.0	J	2	14	10.0	J	21	14	8.0	S		
547.4	3.1	1.9	R2	14	1	2	17	10.0	J	1	15	10.0	J	29	14	6.0	S		vuggy pyrite veinlets at low CA angle
	2.9+	1.0+	R2	14	1	0	—	—	—	1+	16	10.0	J	11+	13	6.0	S	L	

CONTINUED ON NEXT PAGE

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

Ore A

DDH# 90 DY-09

Units: Feet / Metres Date: JAN 17/91 Logged By: J. Sweetnam Page 6-9 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0 0–30 40				40 30–50 65				65 50–70 90				70–90				Core Size	Comments
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
547.4																							
550.5	3.0	2.2	R_3	12	1									22	8	6	S						
553.5	2.8	2.1	R_2	14	1	2	12	6	J					16	8	6	S						
556.6	3.1	2.2	R_3	14	3	3	16	6	J	2	14	6	J	15	14	6	S						
559.0	2.5	1.2	R_3	11	1	8	20	6	J	2	14	6	J	12	16	6	S						
562.1	2.0	2.0	R_3	14	1	7	20	6	J	3	20	6	J	5	16	6	S						
565.1	3.0	1.9	R_2	11	1	2	14	6	J	9	16	6	J	7	12	6	S						
568.2	2.8	1.5	R_2	11	3	2	14	6	J	14	18	6	S	2	12	6	J						crushed below 567.8
569.4	1.2	0.1	R_2	6	3	5	14	10	J	4	14	10	S	1	14	10	J						crushed
570.0	0.6	0	S_1	1	3																		100% gouge
571.5	1.3	0	R_2	5	3					26	10	6	S	5	10	6	S						V. strongly bridged
573.9	2.0	0.2	R_1	5	4	1	12	10	J	5	10	10	S	33	12	13	S						local gouge & crushed
577.0	2.9	0.1	R_1	6	4					3	10	10	S	58	12	10	S						"
579.4	2.4	0.8	R_2	9	4					3	12	6	S	27	12	6	S						
582.5	3.0	1.6		11	4					6	14	6	J/S	13	12	6	S						
585.5	3.0	2.5		14	4	1	8	6	J					11	14	6	S						
586.4	0.9	0.3		9	4									12	14	6	S						
589.5	3.0	1.45		9	4					3	14	6	J	29	10	6	S						
592.5	3.0	0.7		9	4					1	14	6	J	43	10	6	S						10cm gouge @ 591.0
592.8	0.3	0.15		10	4									4	12	6	S						
595.9	2.7	1.3		9	4	1	10	6	J					33	12	6	S						
598.9	3.0	2.3		11	4									15	10	6	S						
602.0	3.0	1.0		9	4	1	10	6	J					37	12	10	S						
605.0	3.1	2.3		11	4	2	12	6	J					17	10	6	S						
608.1	3.1	2.8		14	4									14	12	6	S						
611.2	3.1	3.1		14	3									11	12	6	S						
614.2	3.0	2.8		14	4									13	12	6	S						
617.2	3.0	2.2		11	3					6	14	6	J/S	12	12	6	S						

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-09

UTC B

Units: Feet / Metres Date: JAN '91 Logged By: J. Zbedoff Page 6-10 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0-~~30~~ 40 No	Rough	Alt	Type	40 ~~30-50~~ 65 No	Rough	Alt	Type	65 ~~50-70~~ 90 No	Rough	Alt	Type	~~70-90~~ No	Rough	Alt	Type	Core Size	Comments
620.3	3.1	2.0	R_2	10	2	2	12	6	J	1	16	6	J	18	14	6	S						
623.3	3.0	2.8	R_2	12	2									19	14	6	S						
626.4	3.1	2.7	R_2/R_1	10						4	14	6	S/J	13	14	6	S						
629.4	3.0	2.15	R_2	13										25	12	6	S						
632.5	3.1	0.9	R_2	6		2	10	10	J	4	10	6	S	44	8	10	S						locally strongly broken
635.5	3.0	0.15	R_2	7		2	16	6	J					52	8	6	S						Local gouge
638.6	3.1	0.9	R_2	7		2	16	10	J					42	8	13	S						
641.6	3.0	1.5	R_3	10		5	14	13	J					26	8	6	S						
644.7	3.1	2.3	R_2	11		1	16	6	J					21	12	6	S						
647.7	3.0	2.3	R_2	11	↓									24	12	6	S						
																							END OF HOLE

DDH 90UY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb 12/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	469.7	475.5		195	5BØ	(10Q#:5FØ) 95:04:01
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite (≤4mm). Very good core recovery. Good RQD. Blocky core at 473.6–473.9, 475.4–475.5 (lower contact). Sharp upper (fault) contact at CA 60°. Gradational lower contact parallel S_2.
						White-buff bull quartz-calcite concordant bands (veins?) subparalleling S_2 are moderately calcareous, hard and have sharp contacts with 5BØ.
						Olive grey chloritic phyllite is moderately calcareous, moderately soft and has gradational contacts with 5BØ. Occurs at 474.5–474.6.
L	475.5	479.5		196	5BØ	(5BØ2:10Q#) 75:23:02
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite (≤4mm). Very good core recovery. Good RQD. Gradational contacts parallel S_2.
						Dark to medium grey weakly carbonaceous phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2 is moderately calcareous, softer and has gradational contacts with 5BØ.
						White-buff bull quartz-calcite concordant bands (veins?) subparalleling S_2 are calcareous, hard, contain wisps of olive grey Mg-chlorite, and have sharp contacts with 5BØ, 5BØ2.

DDH 90UY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb 12/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	479.5	481	1	197	100#	(5BØ) 55:45
						White-buff bull quartz-calcite concordant bands (veins?) subparallel S_2. Moderately calcareous. Hard. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite (≤3mm.). Contain olive grey wisps of Mg-chlorite. Sharp convolute contacts with 5BØ subparallel S_2.
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite forming clots ≤1cm. Very good core recovery, RQD. Gradational contacts parallel S_2. Sharp contacts with 100#.
L	481	487	4	198	5BØ	(100#) 96:04
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Moderately soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite and blebs. Very good core recovery. Good RQD. Gradational contacts parallel S_2.
						White-buff bull quartz-calcite concordant bands (veins?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ.
L	487.4	491.5		199	5BØ2	(5BØ) 65:35
						Dark to medium grey weakly carbonaceous phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Moderately soft to soft. Trace disseminated pyrrhotite as blebs. Good core recovery. Fair to poor RQD. Blocky core at 487.4-487.7, 488.Ø-488.8, 489.4-490.4. Gradational contacts parallel S_2.

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 12/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Lighter grey phyllite with siltstone laminae, beds is moderately calcareous, moderately soft, has silvery grey fracture surfaces and gradational contacts with 5BØ2.
L	4915	5038		2ØØ	5BØ	(5BØ2: 1ØØ#) 8Ø:18:Ø2 Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Very calcareous (quickly etched by 1Ø% HCl acid). Silvery grey fracture, CS_2 and PS_2 foliated. Moderately soft. Trace disseminated pyrrhotite as blebs. Healed oligomict clast-supported breccia with angular-elongate phyllite clasts at 5ØØ.9-5Ø1.1 and 5Ø1.9-5Ø2.Ø. Very good core recovery, Good RQD. Gradational upper contact parallel S_2. Sharp lower contact at C40°. Darker grey phyllite with siltstone laminae, beds are moderately calcareous, softer and have gradational contacts with 5BØ.
						White-buff bull quartz-calcite concordant bands (veins?) subparallelling S_2, moderately calcareous, hard, and have sharp contacts with 5BØ, 5BØ2.
L	5038	5045		2Ø1	5FØ	
						Olive green-grey chloritic phyllite with off-white quartz-calcite siltstone laminae, beds following S_2. Moderately calcareous. CS_2 and PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, Good RQD. Gradational upper contact parallel S_2. Sharp lower contact at C46°.
L	5045	5054		2Ø2	5C8	
						Medium olive green-grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucocene?) phenocrysts, black f.g. subhedral (pyroxene, amphibole?) phenocrysts

DDH 90VY-09 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb.12/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						within relict porphyrytic igneous texture. Overprinted by S_2 and offwhite quartz-calcite laminae/bands. Pervasively chloritized. Moderately calcareous. PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 60°, Sharp lower contact at CA 70°.
L	5054	5059		203	5FØ	
						Olive green-grey chloritic phyllite with offwhite quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Blocky core at 505.7–505.9. Sharp upper contact at CA 70°. Sharp lower contact at CA 80°.
L	5059	5068		204	5G8	MINOR HEALED BRECCIA.
						Olive green-grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (pyroxene, amphibole?) phenocrysts within relict porphyrytic igneous texture. Overprinted by S_2 and offwhite quartz-calcite laminae following S_2. Minor oligomict clast-supported healed breccia throughout. Moderately calcareous, PS_2 foliated. Olive grey fracture surfaces. Moderately soft. Very good core recovery. Good RQD. Sharp upper, lower contacts at CA 80°.
L	5068	5071		205	5FØ	
						Olive green-grey chloritic phyllite with offwhite quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper, lower contacts

DDH 90UY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 12/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
						CA 80°.
L	507.1	507.7		206	5C0	→ 5C7 MINOR HEALED BRECCIA. Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts, and black f.g. subhedral (pyroxene, amphibole?) phenocrysts within relict porphyritic igneous texture. Weakly overprinted by S_2 and olive-grey chloritic bands following S_2. Minor healed, oligomict clast-supported breccia with metabasite clasts. Moderately calcareous. PS_2 foliated. Silvery grey to olive grey fracture surfaces. Moderately soft. No sulphides. Sharp upper contact at CA 80°. Gradational lower contact.
L	507.7	508.2		207	5C6	→ 5C67 Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts, and black f.g. subhedral (pyroxene, amphibole?) phenocrysts within relict porphyritic igneous texture. Weakly overprinted by S_2 (chloritic bands). Non- to weakly calcareous. PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational upper contact. Sharp lower contact at CA 80°.
L	508.2	508.8		208	5B26	$ Black to dark grey graphitic-carbonaceous phyllite with off-white quartz-dolomite siltstone laminae/beds following $S_1 // S_2$. Non-calcareous. CS_2 and PS_2 foliated. Dark grey to black (graphitic, ≤ 15% graphite) fracture surfaces. Soft. No sulphides. Good core recovery. Fair to poor RQD. Blocky to rubbly core at 508.5–508.8. Sharp upper, lower contacts at CA 80°.

DDH 90VY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 12/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	508.8	509.1		209	5C6	→ 5C68
						Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (pyroxene, amphibole?) phenocrysts within relict porphyritic igneous texture. Weak S_2 overprint. Patchy pervasive chloritization. Non-calcareous. PS_2 foliated to massive. Silvery grey to olive grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as blebs. Good core recovery. Fair RQD. Sharp upper contact at CA80°. Sharp lower contact at CA65°.
L	509.1	509.6		210	5F6$	
						Olive grey chloritic phyllite with off-white quartz-dolomite siltstone laminae/beds following S_2. Weakly to non-calcareous. CS_2 and PS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as wisps following S_2 foliation. Good core recovery, RQD. Sharp upper contact at CA65°. Sharp lower contact at CA80°.
L	509.6	512.6		211	5C67	&1 (5C68: 100$) 50:48:02
						Medium olive green grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (pyroxene, amphibole?) phenocrysts with relict porphyritic igneous textures. Moderate S_2 overprint with chloritic laminae/bands parallel S_2. Non-calcareous to weakly calcareous. PS_2 foliated. Silvery grey to olive grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as blebs and along fractures within (rare) silicified zones. Good core recovery. Good to fair RQD. Blocky core at 510.0-510.8. Sharp upper, lower contacts at CA80°. Possible core loss in blocky zone. Pervasively chloritized non-calcareous metabasite at 509.6-510.2.

C.D.I. 1987 F-7A

DDH 90UY-09

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb.12/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
						White-buff bull quartz-dolomite concordant bands (veins?) subparallelling S_2 are weakly calcareous, hard, and have sharp contacts with 5C67 and 5C68.
L	512.6	512.9		212	5D6	(10Q#) 90:10 Olive green chloritic phyllite with off-white quartz-dolomite laminae/beds following S_2. Weakly to non-calcareous. CS_2 and PS_2 foliated. Olive fracture surfaces. Moderately soft. No sulphides. Good core recovery. Poor RQD. Blocky core at 512.7–512.8. Sharp upper contact at CA 80°. Sharp lower contact at CA 45°. White-buff bull quartz-calcite concordant bands (veins?) subparallelling S_2 are moderately calcareous, hard and have sharp contacts with 5D6.
L	512.9	513.4		213	5C6	(10Q#) 95:05 Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (pyroxene, amphibole?) phenocrysts within relict porphyrytic igneous texture. Minor S_2 overprint (quartz-calcite bands, etc.). Weakly to non-calcareous. PS_2 foliated to massive. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 45°. Sharp lower contact at CA 70°. No chill margins? White-buff bull quartz-calcite concordant bands (veins?) subparallelling S_2 are moderately calcareous, hard and have sharp contacts with 5C6.
L	513.4	514.2		214	5F0	(5F7) 80:20 Olive green-grey chloritic phyllite with off-white quartz-calcite siltstone laminae/

DDH 90UY-09 (2 / 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 12/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Upper contact at CA 80°. Lower contact at CA 60°. Banded chloritic phyllite/siltstone variant is moderately calcareous and has gradational contacts with 5FØ.
L	514 2	515 1		215	5CØ	(5C7) 9Ø : 1Ø Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (pyroxene, amphibole?) phenocrysts within relict porphyritic igneous texture. Moderately calcareous. PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 60°. Sharp lower contact at CA 90°. Banded chloritic metabasite variant occurring at 514.9-515.1 is moderately calcareous, is finer grained (i.e. lower chill margin) and has gradational contacts with 5CØ above.
L	515 1	515 5		216	5F7	Olive green grey banded chloritic phyllite with off-white quartz-calcite laminae/bands following S_1/S_2. Moderately calcareous. PS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Blocky core at 515.1-515.2. Sharp upper contact at CA 90°. Sharp lower, slightly brecciated, lower contact at CA 80°.

DDH 90UY-09 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb.12/91 Logged By: D.Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	515.5	515.9		217	5C0	(5C8) 60:40 Medium grey v.fg. aphanitic metabasite groundmass, white fg. anhedral (leucoxene?) phenocrysts and black fg. subhedral (pyroxene, amphibole?) phenocrysts within relict porphyritic igneous texture. Overprinted by quartz-calcite laminae following S_2. Moderately calcareous. PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Sharp upper contact at CA 80°. Sharp lower contact at CA 85°. Pervasively chloritized metabasite occurs at 515.5-515.6, is moderately calcareous and has gradational contacts with 5C0.
L	515.9	516.2		218	5B71	Medium grey phyllite with olive grey Mg-chloritic bands parallel S_2 and off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. PS_2 foliated. Silvery grey and olive grey fracture surfaces. Moderately hard, smooth and white-grey (silicified). No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 85°. Sharp lower contact at CA 70°.
L	516.2	517.2		219	5B0	(5B02) 70:30 Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. PS_2 and CS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as blebs and euhedral cubic pseudomorphs after pyrite. Very good core recovery. Good RQD. Blocky core at 516.2-516.8. Sharp upper contact at CA 70°. Sharp lower contact at CA 60°.

CRI 1987 F-3A

DDH 90uY-09 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 12/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Dark to medium grey phyllite with siltstone laminae/beds is moderately calcareous, moderately soft to soft, and has gradational contacts with 5BØ.
L	5172	5180		220	5C72	
						Medium grey (black-olive-banded) v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (pyroxene, amphibole?) phenocrysts within relict porphyritic to aphanitic igneous texture. Overprinted by olive (chloritic) and black (carbonaceous) bands parallel S_2. Moderately calcareous. PS_2 foliated. Silvery grey, olive grey and dark silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as anhedral / cubic pseudomorphs after pyrite. Very good core recovery. Fair RQD. Sharp upper contact at CA60°. Sharp lower contact at CA80°.
L	5180	5186		221	5F7	&1
						Olive grey chloritic phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. PS_2 foliated. Olive grey fracture surfaces. Moderately hard and smooth (silicified?). Trace disseminated pyrrhotite as subhedral cubic pseudomorphs after pyrite. Very good core recovery. Good RQD. Sharp upper contact at CA80°. Sharp lower contact at CA80°.
L	5186	5196		222	5C7	&2
						Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (pyroxene, amphibole?) phenocrysts

DDH 90UY-09 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 12/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						within relict porphyritic-aphanitic igneous texture. Olive grey chloritic band S overprint. Moderately calcareous. PS_2 foliated. Silvery grey, olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Blocky core at 518.7-518.9. Fine-grained upper and lower chill margins. Sharp upper contact at CA 80°. Sharp lower contact at CA 90°.
L	519.6	519.9		223	5F7	
						Olive green-grey chloritic (banded) phyllite with off-white siltstone laminae/beds following S_1/S_2. Moderately calcareous. PS_2 and CS_2 foliated. Olive grey fracture surfaces. Moderately soft. No sulphides. Good core recovery, RQD. Sharp upper contact at CA 90°. Sharp lower contact at CA 80°.
L	519.9	520.9		224	5C0	(5C7) 65:35
						Medium grey m.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts, and black f.g. subhedral (pyroxene, amphibole?) phenocrysts within relict porphyritic-aphanitic igneous texture. Moderately calcareous. PS_2 foliated to massive. Silvery grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as subhedral cubic pseudomorphs (after pyrite). Very good core recovery. Good to fair RQD. Rubbly core at 520.6-520.7. Sharp upper contact at CA 80°. Sharp lower contact at CA 20°. (fault gouge).
						Banded chloritic metabasite chill margins occur at 519.9-520.2 and 520.5-520.9 along with 5C0.

DDH 90-Y-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 12/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	520.9	521.1		225	5CØ	MAGNETITE PYROXENITE, TALCOSE-SERPENTINIZED. Darker grey, softer equivalent of 5CØ above. Moderately calcareous. No sulphides. Fair core recovery, RQD. Clayey-chloritic ± talcose fault gouge at upper contact (ie. 520.9-521.1). Possible serpentinization of olivine in this more matic, slightly to strongly magnetic intrusive. Sharp upper, lower contacts at CA 20°, CA 60°; respectively.
L	521.4	523.9		226	5CØ7	MAGNETITE PYROXENITE. RELATIVELY FRESH. (5CØ1) 8Ø:2Ø Light to medium grey v.f.g. aphanitic pyroxenite groundmass, white f.g. anhedral (plagioclase?) phenocrysts, black f.g. subhedral (pyroxene, amphibole?) phenocrysts within relict porphyritic igneous texture. Overprinted by S_2 as black f.g. subhedral magnetite and olive grey Mg-chlorite bands parallel S_2. Moderately calcareous. PS_2 foliated to massive. Grey-olive-black speckled fracture surfaces. Moderately hard. Magnetite bands, notably at 521.4-521.9. Trace disseminated pyrrhotite (≤3mm.) as euhedral cubic pseudomorphs after pyrite, notably at 522.1-522.5; 523.2-523.3. Rare trace disseminated pyrite as euhedral cubes. Local healed oligomict clast-supported breccia (522.5-522.6, 523.5-523.6). Very good core recovery. Good RQD. Sharp upper contact at CA 60°. Sharp lower contact at CA 75°. Strongly magnetic unit (magnetite, pyrrhotite). Lighter grey, smoother, harder weakly silicified variant occurs sporadic in lower portions (522.5-523.9). Leucocratic, calcareous and magnetic.
L	523.9	526.5		227	5CØ	(5C7) 65:35 Medium to dark grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts, and f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Overprinted by S_2 as dark grey matic bands and olive

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 13/91 Logged By: D Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						grey Mg-chlorite bands. Moderately calcareous. PS_2 foliated to massive. Grey-olive-black speckled fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Sharp upper contact at CA 75°. Gradational lower contact. Strongly olive-grey chloritic banded variant is moderately calcareous, PS_2 and CS_2 foliated, moderately soft and has gradational contacts with 5C6.
L	5265	5276		2218	5C67	(5C67) 65:35
						Medium to dark grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucocrene?) phenocrysts, black f.g. subhedral (amphiboles, pyroxene?) phenocrysts with relict igneous texture. Overprinted by S_2 as off-white quartz-dolomite laminae, bands following S_2. Non-calcareous to weakly calcareous. PS_2 foliated to massive. Grey speckled fracture surfaces. Moderately soft to moderately hard. No sulphides. Very good core recovery, RQD. Gradational upper contact. Undulose sharp lower contact at CA 25°-70°.
						Olive grey chloritic banded variant is non-calcareous to weakly calcareous, PS_2 and CS_2 foliated, moderately soft and has gradational contacts with 5C6.
L	5276	5287		2219	5B62	$
						Dark to medium grey phyllite with off-white quartz-dolomite ± calcite laminae/beds following S_1/S_2. Weakly calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft to soft. Weakly carbonaceous (trace graphite). Trace disseminated pyrrhotite (≤ 3mm) as euhedral cubic pseudomorphs after pyrite. Very good core recovery. Good RQD. Undulose sharp upper contact at CA 25°-70°. Sharp lower contact at CA 70°.

DDH 90DY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 13/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
L	528 7	529 0		230	5C6	
						Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Weak S_2 overprint. Non-calcareous to weakly calcareous. PS_2 to CS_2 foliated. Grey stippled fracture surfaces. Moderately soft. No sulphides. Good core recovery, RQD. Sharp upper contact at CA 70°. Gradational lower contact.
L	529 0	529 8		231	5C02	(5C7) 70 : 30
						Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict igneous texture. Weak S_2 overprint as black carbonaceous, off-white quartz-calcite bands following S_2. Moderately calcareous. PS_2 foliated to massive. Grey stippled fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as anhedral cubic pseudomorphs after pyrite. Very good core recovery. Good RQD. Gradational upper contact. Sharp lower contact at CA 60°.
						Olive grey-grey banded chloritic variant is calcareous, PS_2 foliated and has gradational contacts with 5C02.
L	529 8	530 0		232	5B7	
						Olive-grey banded chloritic phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Olive-grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as anhedral cubic pseudomorphs after pyrite. Very good core recovery. Good RQD. Sharp upper contact at CA 60°. Sharp lower contact at CA 50°.

DDH 90DV-09

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb 13/91 Logged By: D Hallewell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	5300	5303		233	5C7	&1
						Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucocene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Overprinted by S_2 as olive grey chloritic bands following S_2. Moderately calcareous. PS_2 foliated to massive. Moderately hard and smooth (may be weakly silicified). No sulphides. Sharp upper contact at CA 90°. Sharp lower contact at CA 70°.
L	5303	5335		234	5C6$	(5C67:5F67) 50:40:10
						Medium to light v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucocene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Weak S_2 overprint as off-white quartz-dolomite laminae, beds following S_2. Weakly calcareous. PS_2 foliated to massive. Grey stippled fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 70°. Gradational lower contact.
						Olive grey chloritic banded variant is weakly calcareous, PS_2 foliated and has gradational contacts with 5C6$.
						Olive-grey chloritic phyllite with off-white quartz-dolomite siltstone laminae/beds following S_1/S_2 is weakly calcareous, CS_2 and PS_2 foliated, moderately soft and has gradational contacts with 5C6$, 5C67.
L	5335	5355		235	5C7	→5C0 (100#) 98:02
						Medium grey v.f.g. aphanitic groundmass, white f.g. anhedral (leucocene?) phenocrysts and black f.g. (amphibole, pyroxene?) phenocrysts within a relict porphyritic

CRI 1987 F-3A

DDH 90DY-09

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 13/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	38
						igneous texture. Overprinted by olive grey chloritic bands and offwhite quartz-calcite laminae, beds following S_2. Moderately calcareous. PS_2 foliated to massive. Olive grey fracture surfaces. Moderately soft. No sulphides. Local healed oligomict clast-supported breccia with angular-equant metabasite clasts. Occasional quartz-calcite veinlet cross-cuts S_1, S_2 at CA 30°-40° (following L_2, L_3, L_4?). Very good core recovery. Good RQD. Gradational upper contact. Sharp lower contact at CA 70°.
						White-buff quartz-calcite concordant band (vein?) subparallelling S_2 is moderately calcareous, hard and has sharp contact with 5C7 → 5C9.
L	5355	5359		236	5F9	
						Olive-grey chloritic phyllite with off-white quartz-calcite siltstone laminae/beds following S_1S_2/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Olive silvery grey fracture surfaces. Moderately soft. No sulphides. Good core recovery. Fair RQD. Sharp upper contact at CA 70°. Sharp lower contact at CA 75°.
L	5359	5363		237	5C9	(5C7:5C1) 34:33:33
						Medium grey v.fg. aphanitic metabasite groundmass, white fg. euhedral (clinopyroxene?) phenocrysts and black fg. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Overprinted by offwhite quartz-calcite laminae, beds following S_2. Moderately calcareous. PS_2 foliated to massive. Grey-black-white stippled fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 75°. Sharp lower contact at CA 70°.

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 13/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Olive grey banded chloritic variant is moderately calcareous, PS_2 foliated, moderately soft and has gradational contacts with 5CØ.
						Light bluish grey, strongly silicified variant is weakly calcareous, hard, massive and has healed oligomict clast-supported breccia. Gradational contacts with 5CØ, 5C7 parallel S_2.
L	537.63	537.71		2388	5B2	
						Black to dark grey carbonaceous (graphitic) phyllite with off-white quartz-calcite laminae/beds following $S_1, S_2/S_2$. Moderately calcareous. CS_2 and PS_2 foliated. Black (graphitic) fracture surfaces. Moderately soft to soft. Trace disseminated pyrrhotite as euhedral deformed cubic pseudomorphs after pyrite. Very good core recovery. Fair RQD. Sharp upper contact @ C47Ø°. Gradational lower contact parallel S_2.
L	537.71	538.03		2389	5B Ø2	81 (5B2Ø) 7Ø:3Ø
						Dark grey weakly carbonaceous (locally graphitic) phyllite with offwhite quartz-calcite siltstone laminae/beds following $S_1, S_2/S_2$. Moderately calcareous. CS_2 and PS_2 foliated. Black and dark silvery grey fracture surfaces. Moderately soft to moderately hard (weakly silicified?). Trace disseminated pyrrhotite as euhedral deformed cubic pseudomorphs after pyrite. Very good core recovery. Fair RQD. Blocky graphitic core at 537.4-537.5.
						More carbonaceous variant is similar to 5BØ2 above, but has ≤ 7% graphite, and has gradational contacts with 5BØ2.

DDH TØDY-Ø9 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 23/91 Logged By: D. Hallimall

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	538 3	539 Ø		24Ø	5BØ	(5BØ2) ØØ:2Ø
						Light to medium grey phyllite with offwhite quartz-calcite siltstone laminae/beds following S_1, S_2 / S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft to moderately hard (weakly silicified). Trace disseminated pyrrhotite as wisps following S_2 foliation (1-2%). Very good core recovery. Good RQD. Gradational upper contact. Sharp lower contact at CA 7Ø°.
						Darker grey, softer, more carbonaceous phyllite is moderately calcareous and has gradational contacts with 5BØ.
L	539Ø 539 5			241	5CØ	→ 5C7
						Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Overprinted by olive-grey chloritic beds following S_2. Moderately calcareous. PS_2 foliated to massive. Olive grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as subhedral cubic pseudomorphs after pyrite. Very good core recovery. Good RQD. Sharp upper contact at CA 7Ø°. Sharp undulose lower contact at CA Ø°-9Ø°.
L	539 5	540 6		242	5B17	→ 5B71 (4LØ7?)
						Light grey to light olive grey siliceous-chloritic banded phyllite with pyrrhotitic ± sphalerite laminae/bands following S_2 and quartz-calcite laminae/beds following S_1, S_2 / S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery olive grey fracture surfaces. Moderately hard, leucocratic and smooth

DDH 90DY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 13/91 Logged By: D. Hallewell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						(silicified). Approx. 5% pyrrhotite as bands, laminae, wisps following S_2. Strongly to moderately magnetic. Pyrrhotite associated with reddish-brown sphalerite (~1%?). Very good core recovery. Good RQD. Undulose sharp upper contact at CA 0°-90°. Gradational contact parallel S_2.
L	5406	5408		243	5F7	
						Olive grey chloritic banded phyllite with off-white quartz-calcite siltstone laminae/beds following S_1, S_2 / S_2. Moderately calcareous. CS_2 foliated. Silvery olive grey fracture surfaces. Moderately soft. No sulphide. Healed oligomict clast-supported breccia at lower contact (sharp at CA 80°). Gradational upper contact parallel S_2.
L	5408	5411		244	5C7	
						Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. subhedral (clinopyroxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within a relict porphyritic igneous texture. Overprinted by chloritic bands parallel S_2. Moderately calcareous. PS_2 foliated to massive. Grey stippled fracture surfaces. Moderately soft. No sulphides. Good core recovery, RQD. Sharp upper contact at CA 80°. Sharp lower contact at CA 85°.
L	5411	5415		245	5B7	
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1, S_2 / S_2. Moderately calcareous. CS_2 and PS_2 foliated

DDH TDDY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb 13/91 Logged By: D. Hallimond

Code	From	To	Recov.	No.	Unit	Description
						Olive chloritic bx to following S_2. Silvery grey and olive grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 85°. Gradational lower contact parallel S_2.
L	5415	5429		246	5B02	(5B71) 2Ø:3Ø
						Dark to medium grey weakly carbonaceous phyllite with offwhite quartz-calcite siltstone laminae/beds following $S_1 \& S_2$ IS. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft. No sulphides. Local healed oligomict clast-supported breccia. Very good core recovery. Good RQD. Gradational upper contact. Sharp lower contact at CA 85°.
L	5429	5436		247	5C8	
						Olive grey intg aphanitic metabasite groundmass, white fg anhedral (leucocratic) phenocrysts and black fg subhedral (amphibole, pyroxene?) phenocrysts with a relict porphyritic igneous texture. Overprinted lightly by offwhite quartz-calcite laminae, beds parallel S_2. Moderately calcareous. PS_2 foliated to massive. Silvery olive grey fracture surfaces. Moderately soft. Pervasive chloritization. No sulphides. Very good core recovery, RQD. Sharp upper, lower contacts at CA 85°.
L	5436	5445		248	5F0	→ 5F7
						Olive grey chloritic phyllite with offwhite quartz-calcite siltstone laminae/beds following $S_1 \& S_2$ IS. Moderately calcareous. CS_2 and PS_2 foliated. Silvery olive grey fracture surfaces. Moderately soft. No sulphides. Very good

DDH 9.0D4-0.9
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 90

Date: Feb 13/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						core recovery. Good RQD. Sharp upper, lower contacts at CA 85°.
L	5445	5453		246	5C7	
						Medium grey v.f.g. aphanitic metabasite groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Overprinted by olive grey chloritic bands and off-white quartz-calcite laminae, bands parallel S_2. Moderately calcareous. PS_2 foliated to massive. Silvery olive grey fracture surfaces. Moderately soft. Trace disseminated pyrrhotite as blebs. Very good core recovery. Good RQD. Sharp upper, lower contacts at CA 85°.
L	5453	5490		247	5B62	
						Dark to medium grey weakly carbonaceous phyllite with black carbonaceous laminae bands following S_2 and rare off-white quartz-dolomite? siltstone laminae/beds following S_1, S_2/S_2, and off-white quartz-carbonate veinlets cross-cutting S_1, S_2 at CA 20°-40° (parallel L_3, L_4, L_5?). Non-calcareous. PS_2 and CS_2 foliated. Dark silvery grey and off-white fracture surfaces. Moderately soft to soft. Trace disseminated pyrrhotite as euhedral cubic pseudomorphs after pyrite. Rare trace euhedral cubic pyrite (≤10mm) within quartz-carbonate veinlet (ruggy along trace). Possible slickensides at 547.0 at CA 10°. Very good core recovery. Good RQD. Sharp upper contact at CA 85°. Sharp lower contact at CA 85°.

ORE1

DDH 90DY-09

CURRAGH RESOURCES INC.
Lithologic Log

Page 91 of

Date: JAN '91 Logged By: J. Zsecretnik

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	549.0	551.2		248	5A6	14 (5B6 : 5B0 : 5D0) 88 : 05 : 02 : 01
						Very dark gray to black, non-calcareous phyllite is PS_2 foliated and host very weak very sporadic Pb+Zn mineralization along S_2 surfaces. Unit is very slightly silicous. S_2 surfaces easily tarnish fingers black. Rock is moderately hard, moderately broken with good recovery. Trace calcite clots and veinlets (1-3mm) are very sporadic.
						Interval hosts 5% 5B6 and 2% 5B0 occuring in cm scale bands - often with a CS_2 fabric. Contacts are sharp and parallel S_2. These units occur scattered throughout interval.
						A single 8.0 cm band of 5D0 occurs at 550.65. 5D0 is strongly calcareous medium to slightly olive green, PS_2 foliated and contains sharp contacts parallel S_2.
						Upper and lower contacts of interval are sharp and parallel S_2. Estimated grade is <1% combined.
	551.2	551.4		249	5B419	→ 4L61
						Light gray, slightly yellow non-calcareous to very weakly calcareous phyllite is CS_2 foliated and slightly to just about moderately silicified and very weakly / sporadically mineralized with Pb+Zn. Interval is unbroken. Upper contact is sharp and parallel

DDH 90DY-09 (2 8)

ORE

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 91 Logged By: J. Sheath

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Sg. Lower contact is sharp but somewhat contorted and irregular as a result of clotty silica injection. Estimated grade <<1% combined
	551.4	552.0		250	4G4	
						Purplish yellow unit is non-calcareous, crudely banded locally strongly magnetic and generally modestly mineralized. Unit contains 20% pyrite, 5-7% quartz clots and a moderately high biotite content. Rock is hard, locally streaky black and soft, slightly broken with good recovery. Upper and lower contacts are sharp and irregular. Estimated grade is 15% Pb+Zn.
	552.0	552.8		251	4G4	(4EO) 75:25
						Brassy yellow bands 2-3cm wide are interbanded with butt purple unit. 4EO brassy yellow yellow unit contains little visible Pb+Zn and butt purple hosts strong Pb+Zn mineralization and are strongly magnetic. Interval is unbroken & moderately hard. Upper and lower contacts are sharp and irregular.
						Banding is poorly to moderately well defined and an open fold can be interpreted at 552.4.

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Page 93 of

Date: JAN 91 Logged By: S. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	552.8	554.4		252	4G4	
						Buff gray and dark grayish-purple, non calcareous unit is generally moderately well banded, very rarely strongly magnetic, generally non-magnetic and strikes block. Unit stratches easily. Rock is strongly Pb+Zn mineralized above 553.7 and moderately mineralized below. Rock is generally soft to moderately soft, moderately broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2 / banding. Estimated grade is 12% Pb+Zn.
	554.4	556.5		253	4L0,1$	→ 5F641 ± # (4L16) 85:15
						Medium yellowish buff and locally slightly green unit is moderately dolomitic (very rarely moderately calcareous) Ah. host is CS_2 foliated with S_2 planes strongly defined by the greenish coloured rock type occuring in 1-5mm bands scattered throughout. Unit is slightly hard → weakly silicified locally hard and moderately silicified. Locally unit contains veins and clots which are slightly purple and suspect to be very fine grained Pb+Zn mineralization. Pyrite is common Po is rare both Fe sulphides occur as fine grained disseminated bands often parallel S_2. Unit hosts 3-5% quartz dolomite veins (1-2cm) oriented parallel S_2. Upper and

DDH 92DX-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 91 Logged By: J. Zbetnall

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						lower contacts are sharp and parallel S_0. Estimated grade is < 2% Pb+Zn. Open fold exists @ 555.3m.
	556.5	557.7		254	464	→ 4E4
						Dark purplish-yellow non-calcareous unit is weakly banded and sporadically strongly magnetic. Unit hosts 30-60% pyrite - fine grained and massive. Unit contains enough pyrite (locally) to represent 4E0, locals with reduced pyrite content host clots of 1-3mm barite. Unit generally streaks black (moderately to slightly soft), locally is hard. Upper and lower contacts are sharp and parallel banding.
	557.7	560.9		255	4E0	± 464
						Brassy yellow unit is very crudely banded and consists of 70-80% pyrite. Banding is generally at low angles to core axis where visible with rare wisps of what could be 464 ± clotty trains of barite (?) rarely strongly magnetic and hint of purplish color in bands < 2cm wide. Unit is hard and streaks black. Upper and lower contacts are sharp and oriented at high angles to core axis - S_0 (?) Estimated grade 15 < 15%. Rock is hard & slightly broken

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: T. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	560.9	562.9		2516	AGAA	
						Dark purplish gray crudely banded unit is strongly Pb+Zn mineralized with no detectable magnetite. Band is consistently oriented at 60-70° TCA Rock is slightly soft and streaks black. Rock is moderately broken with good recovery. Upper and lower contacts are sharp and parallel banding (S_2).
	562.5	563.4		2517	4L0	± @
						Butt yellowish gray unit is P_2 foliated rarely cS_2 foliated, moderately calcareous and hosts 2-3% 1cm quartz ankerite (?) veins typically oriented parallel S_2. Interval contains trace - 1% 1mm clots of pyrite (?) Rock is moderately soft and hosts 1-2% disseminated pyrite. Core is moderately to slightly broken with good recovery. Upper contact is sharp and parallel S_2. Lower contact is sharp and oriented 095°/30° to S_2. Estimated grade is << 1%

DDH 90DY-09

CURRAGH RESOURCES INC.
Lithologic Log

Page 96 of

Date: JAN 91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	563.4	563.8		258	AGAA	
						Very dark purplish gray, tending to black sporadically very strongly magnetic, massive unit hosts 7-10% 2-3mm clots of baryte(?) Rock is very heavy, slightly hard to slightly soft and streaks black. Rock is very slightly broken with good recovery. Upper contact is very sharp and oriented @ 095/30° to S_2. lower contact is also very sharp but oriented at 210°/50° relative well defined banding (S_2) within lower unit. ESTIMATED grade is >35%
	563.8	564.8		259	AGA	#
						Purplish buff moderately well banded unit is strongly mineralized strongly baritic and hosts 2-3% dolomite clots of variable orientation (5-7mm) Unit is slightly silt, streaks black, slightly to moderately broken with good recovery. Upper contact is very sharp and oriented 210°/50° relative banding (S_2). lower contact is moderately sharp, slightly irregular but generally parallel banding (S_2). ESTIMATED grade is 20-25%.

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DDH 90DY-09

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	564.8	565.4		26Ø	AE4	→ 464
						Unit is brassy yellow moderately to weakly mineralized with hints of wispy purplish color. Unit is very crudely banded and contains 60-70% pyrite and 7% 2-3mm barite (?) clots. Rock is slightly hard, streaks black is moderately broken with good recovery. Upper contact is sharp irregular but generally trends parallel banding (S_1). Lower contact is sharp and parallels banding (S_2?) Estimated grade is 15%.
	565.4	566.7		26.1	AE4	
						Light gray, slightly purple unit is crudely banded slightly calcareous and displays a distinct clotty texture defined by barite (?) Unit is moderately to strongly mineralized. Rock is slightly soft and streaks black. Core is slightly broken with good recovery. Upper and lower contacts are sharp and parallel banding. Estimated grade is 20-25%.

DDH 90DY-09

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 9 Logged By: J. Beckett

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	566.7	567.1		262	ALQ	#
						Buff to slightly yellow weakly calcareous phyllite is strongly S_2 foliated and hosts 0-1%, 1-2mm fuchsite. Pb+Zn mineralization is extremely rare and occurs in wisps parallel S_2. Rock is soft slightly broken and has good recovery. Upper and lower contacts are sharp and parallel S_2. ESTIMATED grade is <1%
	567.1	569.4		263	AGA	strongly broken.
						Buff to slightly purple unit is finely banded, generally cluttered with basic. Mineralization is moderate. Interval is strongly broken & locally rubble. Rock is slightly silt and streaks black. Upper contact is sharp and parallel S_2. Lower contact is crushed and in contact with gouge below. ESTIMATED grade is 12%.
	569.4	570.1		264	SAQ	GOUGE & Crushed rock - FAULT
						Interval consists of Black gouge with sporadic rock fragments. Gouge is very carbonaceous and non-calcareous. Pyrite is sporadic and constitutes <2% of unit. No Pb+Zn mineralization is

DDH 90DX-09 (2 — 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: I Sbeata.H

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						noted. Fatured is very soft RQD is <<< 0% and upper and lower contacts are gouge and no orientation is possible. Gouge formtubes fingers greasy black.
	569.4	572.0		265	5A01	±9 ± #
						Very dark gray to black generally non-calcareous - very rarely moderately calcareous phyllite is CS_2 foliated and locally contains weak mineralization. Unit is very weakly to non-silicified S_2 surfaces tarnish fingers black. Unit contains 0-15% dissominated pyrite occuring in cm-scale and mm-scale bands parallel S_2 and S_1. Rock is generally slightly hard locally moderately soft. Core is strongly locally very strongly broken with fair ~~PRO~~ to good recovery. Upper contact is crushed and gouge. Lower contact is sharp, broken and parallel S_2. Estimated grade is <2%
	572.0	578.6		266	5A46	
						Medium gray with a slight blue color, non calcareous phyllite is generally strongly PS_2 foliated rarely $PS_2 \Rightarrow CS_2$. Unit contains 25% v. dark gray to black bands 1-2mm wide parallel S_2. Black S_2

DDH 90DY-09

CURRAGH RESOURCES INC.
Lithologic Log

Page 100 of

Date: JAN '91 Logged By: J. Zbectnff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Surfaces easily tarnish fingers black. Unit is barren of Pb+Zn mineralization but does host 2-3% 3-4mm clots of Po. Unit is soft to moderately soft strongly to very strongly broken. Unit hosts gouge at 572.0 - 572.5 and 573.6 - 573.9. Recovery is surprisingly very good, except for an estimated 30cm loss at upper gouge zone. Upper contact is broken consists of gouge but appears sharp and parallel S_2. Lower contact is sharp and parallel S_2. Estimated grade is << .5%
	578.6	580.4		26.7	AL0.8	
						Medium to light grayish green - with a very slight blue tint, non calcareous phyllite is PS_2 foliated and hosts 10-15% highly stretched chlorite wisps parallel S_2. Unit hosts 5% quartz - dolomite cm scale veins oriented parallel S_2. Po occurs as a trace component and is strongly associated with veins. No detectable Pb+Zn mineralization. Rock is soft moderately to slightly broken with good recovery. Upper contact is sharp and parallel S_2. Lower contact is gradational over 30cm.

DDH 91DY-09 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN '91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	580.4	582.1		268	SBG42	→4LO
						Medium dark non-calcareous phyllite is PS_2 foliated and hosts 25-30% slightly carbonaceous bands and veins (2-4mm) oriented parallel S_2. Unit is very similar to unit occuring at 572.0-578.6, except has a lower carbon content. Unit is also approaching a 4LL. Interval contains 3% clotty stringers of quartz-dolomite which commonly crosscut S_2. Unit is moderately soft, slightly broken with good recovery. Upper contact is gradational over 3cm. Lower contact is sharp and represented by a well healed 0.5cm shear oriented at 064/28° relative S_2. Unit contains 2% clotty Po.
	582.1	583.1		269	4LO	± #
						Medium to light buff-green, locally moderately calcareous phyllite is PS_2 foliated. PS_2 fabric is often disrupted and contorted adjacent the 2-3% quartz-calcite-dolomite cm-scale veins and stringers. Quartz injections are irregular and host a strong association with clotty Po. Locally veins are medium to dark gray and are suspected to host weak Pb + Zn mineralization. Rock is soft, slightly broken and has good recovery. Upper contact is sharp and is consists of a well healed shear oriented

DDH 90DY-09

CURRAGH RESOURCES INC.
Lithologic Log

Page 102 of

Date: JAN 91 Logged By: J. Zeetnaff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						at 064°/28° to S_2. Lower contact is very sharp and oriented parallel S_2. Estimated grade is <1%
	583.1	583.6		270	4HO	@
						Bronze-brown unit is noncalcareous, is v. strongly magnetic and host wisps of very crude banding of purple coloration interpreted to be Zn mineralization. Unit is generally massive and contains 1% 0.5cm clots of ankerite. Rock is hard and slightly broken. Upper and lower contacts are extremely sharp and parallel S_2. Estimated grade is +10%.
	583.6	586.4		271	4LO	±1 (4G4) 99:01
						Light greenish buff unit is non-calcareous, PS_2 foliated and host a 2cm band of 4G4 at 584.5. 4G4 unit appears primary and occurs banded with banding and contacts parallel S_2. Upper contact of 4G4 is moderately silicous, above silicous band (15cm) 4LO is coarse and very soft over 10cm. Remobalized 3-5cm disseminated clotts of Po with a weak brecciated texture (Po as matrix) is rare and are limited to above 584.5. Euherdal

DDH 9UDY-09

CURRAGH RESOURCES INC.
Lithologic Log

Page 103 of

Date: JAN '91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						0.5 - 1.0 cm crystals of pyrite are sporadic. Euhedral Po after Py clots are more rare. Below 585.6 2-3mm chlorite porphoblasts are common. Unit is soft, generally slightly broken, locally moderately broken. Recovery is good. Upper contact is extremely sharp & parallel S_2. Lower contact is sharp and parallel S_2
	586.4	587.1		272	4G44	(4EO) 65:35
						Purple-brown and brassy yellow interval host 4EO at 586.5-586.7 and 4G44 below 586.7.
						4EO is brassy yellow moderately well banded parallel S_2 and has very sharp upper and lower contacts which are also parallel S_2.
						4G44 is v. strongly mineralized and hosts 3% 2-3 cm clots of barite. Unit is moderately well banded with banding parallel S_2.
						Upper contact of interval is very sharp, parallel S_2 and consists of a 10cm band of ~~very~~ intensely silicous material with trains of py oriented parallel S_2. Silicous band also hosts 10-15% remobilized clotty network of Zn mineralization. Basal contact with silicous band and 4EO is very sharp and parallel S_2. Lower contact of interval is sharp and parallel S_2. Estimated grade is <12%

DDH 90DY-09 (2 — 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN'91 Logged By: J. Beckhoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	587.1	588.1		273	5B64	→ 4LO
						Medium to medium dark gray, non-calcareous unit is PS, foliated and appears to contain a moderate carbonaceous content based on colour, but does not tarnish fingers on S surfaces. Unit contains a weak pervasive alteration tending slightly to 4LO. Unit hosts 1-2% scattered clots and trains of Po which often crosscut S_1. Interval contains 2% quartz-calcite veins (2 cm) generally trending parallel S_0. Veins contain rare traces of remobilized Pb+Zn mineralization. Rock is generally moderately soft to soft, moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_0
	588.1	589.9		274	5B04	→ 4LO (5DO) 98:02
						Medium to light grayish ± grayish-green moderately calcareous unit is PS, foliated and hosts a single 5DO band (4 cm) at 588.5. Rock has a weak to moderate alteration throughout which gives the rock a step towards 4LO. Rock is moderately soft moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2

DDH UDY-09 (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
	591.9	592.8		275	5DO	(5DO ± 4 → 4LO) 60:40
						Medium olive green 5DO and medium to gray 5BG4
						units are all moderately calcareous PS, foliated
						and typically interbedded on the 20-40cm scale.
						All internal contacts are sharp and parallel S_2. Gray
						phyllite units are slightly altered and slightly approach
						4LO. 10cm of crushed rock with moderate gouge trending
						parallel S_2 exists at 591.0. Rocks are moderately
						soft with 5DO band slightly soft. Rock is moderately
						broken with good recovery. Upper contact is sharp
						and parallel S_2. Lower contact is gradational over
						a few 10's of cm and noted as a gradual increase
						in biotite development diagnostic of lower unit.
	592.8	598.0		276	5BG4	BIOTITE
						Medium gray phyllite is moderately to locally weakly
						calcareous unit is very weakly PS foliated with sporadic
						occurances of well developed but faint CS_2. Unit is
						moderately altered to biotite. Interval contains 2%
						quartz-calcite veinlets (0.5-1.0 cm) often following S_{1+2}
						rarely 2-3cm parallel S_2. Interval is moderately
						broken, slightly soft and moderate porous where
						biotite development is slightly strong. Recovery is
						good. Upper contact is gradational over 10's of
						cm. Lower contact is sharp and parallel S_2

C.R.I. 1987 E-3A

DDH ODY-09

CURRAGH RESOURCES INC.
Lithologic Log

Page 105

Date: JAN '91 Logged By: J. Zbectnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	598.0	602.5		277	5C048	BIOTITE (5B04)
						Medium green, weakly to moderately calcareous unit is PS_2 foliated and contains a moderately well preserved igneous texture defined by 5-15% stretched mafic crystals. Rock is also moderately chloritized and weakly altered to biotite. Rock is moderately soft, locally soft and is generally moderately broken, strongly broken at 601.3-602.0. Recovery is good. Upper and lower contacts are sharp and parallel S_2
	602.5	610.0		278	5B40	BIOTITE (5D04) 98:02
						Medium to dark gray moderately calcareous unit is PS_2 foliated and moderately locally very strongly altered to biotite. Strongly biotitized intervals are moderately soft and porous, with water sinking into rock easily and remaining wet for extended lengths of time. Unit host 5D04 at 605.3-605.7. 5D0 (?) is brownish gray massive with hints of CS_2 (?). 5D0 contacts are sharp and parallel S_2. Interval contains 1-2% cm scale quartz calcite veins oriented parallel S_2. Rock is generally moderately to slightly soft, slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2

DDH 204-09

CURRAGH RESOURCES INC.

Lithologic Log

Page 107

Date: JAN'91 Logged By: J. Sheehan

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
	610.0	616.8		279	5B40	BIOTITE (5C04) 60:40
						Mixed interval, all units are moderately locally weakly calcareous and typically PS, foliated. 5B40 units are generally moderately altered to biotite rarely weak and rarely strong, altered to biotite. Intervals contacts are generally sharp and parallel S_2 occasionally alteration obscures exact contact 5C04 units are weakly altered to biotite and weakly chloritized. 5C04 units display a poor to moderately well preserved igneous texture. Rocks are slightly soft moderately soft where biotitization is more intense. Rocks are slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2
	616.8	621.9		280	5C6	8 (5B61→5F61) 90:10
						Medium green non-calcareous unit contains a moderately well preserved igneous texture defined by by 10-15% chloritized mafic minerals moderately stretched into a moderately strong PS$_2$ fabric. 5B61→5F61 units occur at 616.8 - 617.3 and 617.6 - 618.2. Unit is non-calcareous, slightly green in color and weakly silicified. Rocks are slightly locally moderately broken, slightly to moderately soft where barren of silicification and display good recovery. All

C.R.I. 1987 E-3A

DDH 10DY-09

CURRAGH RESOURCES INC.
Lithologic Log

Page 108

Date: JAN 91 Logged By: J. Zbeduff

Code	From	To	Recov.	No.	Unit	Description
						contacts are sharp and parallel S_2
	621.9	623.9		281	5C10	(5B10 → 5F10) 70:30
						Medium green massive weakly to moderately calcareous unit is very weakly PS_2 foliated. Unit displays virtually no primary texture carbonate occassionally in 0.5cm bands trending irregularly within interval and appears to follow what I would expect S_1 to trend with a CS_2 fabric! Unit is hard - moderately to slightly silicified and hosts 5-7% faint relicts of leucoxene (?). Interval hosts a medium grayish green weakly to moderately calcareous weakly to moderately calcareous phyllite at 621.9 - 622.5. All units are moderately hard slightly broken with good recovery. All contacts are sharp and parallel S_2.
	623.9	624.8		282	5C80	
						Medium green, moderately to strongly calcareous units display a well preserved igneous texture stretched along a moderately strong PS_2 fabric. Igneous texture

C.R.I. 1987 E-3A

DDH 10DY-09

CURRAGH RESOURCES INC.

Lithologic Log

Page 189

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
						is defined by 15% chloritized mafic minerals. Rock is moderately chloritized throughout, soft moderately broken and displays good recovery. Contacts are sharp and parallel S_2.
	624.8	631.6		283	5F9	→ 5B0 ± BIOTITE (5D0 : 5B26) 98 : 01 : 01
						Medium greenish gray, moderately to strongly calcareous unit is S_2 foliated and weakly altered to biotite sporadically. Very weak chloritic alteration is pervassive. A 10cm band of calcareous 5D0 occurs at 625.6. A 10 cm band of 5B26 occurs at 631.15. Rocks are slightly soft to rarely moderately soft, slightly broken but strongly broken in 10-15cm bands at 629.1 and 630.9. All contacts are sharp and parallel S_2.
	631.6	636.7		284	5B1269	Po ± # (5B1269 : 5A6) 99:01 : trace
						Medium-dark gray very rarely black generally non-calcareous very rarely moderately calcareous phyllite is strongly P_2 foliated and hosts 5-7% clotty stringers of Po which trend parallel S_2. A 10cm band of moderately to strongly silicified band (5B1269) occurs at 632.6. Rock is generally moderately to slightly soft strongly broken along S_2 and hosts very rare 0.1 - 2cm

C.R.I. 1987 E-3A

DDH 90DY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN'91 Logged By: P. Sheehan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						bands of 5A6 scattered throughout. Recovery is
						good. Upper, internal and lower contacts are all
						sharp and parallel S_0.
	636.7	637.4		285	5B4/6	1 → 4LO (5B140 → 4L1) 70:30
						light gray very slightly greenish yellow unit generally
						non-calcareous but is calcareous and moderately silicified
						above 636.85. Unit is P_{S_2} foliated hosts 3-5%
						disseminated and clotty Po. Below siliceous band
						unit is weakly silicified at 633.95 - 634.1. Balance
						of unit is very soft locally crushed. Unit is
						trgly very hard to approach 4LO.
	637.4	639.0		286	5B2/6	09 → 4AO (5DO) trace
						Dark gray generally non-calcareous very sporadically
						moderately calcareous phyllite is weakly approaching
						moderately silicified and P_{S_2} foliated. Unit
						is attempting to reach 4AO*. Interval contains
						5-7% clotty and string Po throughout. P_y
						occurs sparingly and is isolated as clotts and
						fracture fillings. Rock is slightly hard, moderately

DDH [illegible]-09 (2 – 8)

CURRAGH RESOURCES INC.
Lithologic Log

Page 111

Date: JAN 91 Logged By: J. Zbedniff

Code	From	To	Recov.	No.	Unit	Description
1	10 – 14	16 – 20	22 – 24	26 – 28	30 – 34	35
						broken. Recovery is good. Upper contact is sharp and parallel S_2. Lower contact is sharp and fault bound trending at 000°/36° relative S_2. Fault consists of 0.5 cm of gouge from lower unit.
	639.0	639.4		287	5006	
						Medium slightly olive green, weakly calcareous unit is massive and contains a moderately strong PS_2 fabric. Rock is slightly soft, strongly broken and is bound above and below with 0.5 cm gouge bands trending @ 000°/36°. Recovery is good.
	639.4	649.7		288	4L19	Po. ±1 ± 4L0 ± #
						Light gray to slightly greenish yellow unit is very rarely calcareous, and is generally moderately silicified PS_2 foliated locally CS_2 and hosts 5-25% disseminated and clotty Po. Silicification is absent in cm-scale bands of strong sericite alteration oriented parallel S_2. Rock is generally hard sporadically soft; slightly broken with good recovery. Upper contact is fault bound with 0.5 cm of gouge trending 000°/36° relative S_2. Lower contact is sharp and parallel S_2

DDH 10DY-09

CURRAGH RESOURCES INC.
Lithologic Log

Page 112

Date: JAN 91 Logged By: J-Zbedniff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	640.7	641.8		289	5B20	(5B19) 98:02
						Medium to dark gray, moderately calcareous phyllite is PS_2 rarely CS_2 foliated. Rock hosts 2-3% clotty and disseminated Po. Rock is moderately locally strongly broken, moderately soft with good recovery throughout. 2-3% of unit consists of very dark gray to black phyllite which does not tarnish fingers black. Upper and lower contacts are sharp and parallel S_2. Lowest 15cm of unit is strongly silicified
	641.8	642.1		290	AL19	Po ± #
						Light buff-yellow and slightly greenish phyllite is very strongly silicified, sporadically calcareous and hosts 15-20% disseminated, clotty and stringy Po which only rarely coincides with the moderately to poorly developed CS_2 fabric. Rock is hard, unbroken and contains sharp upper and lower contacts parallel S_2
	642.1	644.8		291	5B21	± #
						Dark gray, rarely calcareous phyllite is commonly PS_2 foliated, rarely CS_2, and is generally weakly to

DDH 90DY-09

CURRAGH RESOURCES INC.

Lithologic Log

Page 113.

Date: JAN '91 Logged By: J. Zbeetoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Moderately silicified throughout. Locally unit is strongly silicified in 15 cm bands or less. Unit hosts 2-3% disseminated and clotty Po. Rock is slightly to moderately hard moderately broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2.
	644.8	647.1		2912	5C40	±1
						Medium greenish-gray unit is moderately calcareous very faintly CS_2 foliated and appears to contain a very poorly preserved igneous texture locally. Unit could be a mixed unit of 5C40 and 5F50. Silicification is very rare and limited to bands <10 cm wide Sulphides are very rare. Rock is slightly soft, moderately to slightly broken with good recovery. Upper contact consists of cm scale bands of upper unit and this unit mixed over a 15 cm length. Bands are sharp and parallel S_2. Lower contact is sharp and parallel S_2.

C.R.I. 1987 E-3A

DDH UDY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN'91 Logged By: J. Beetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	647.1	647.7		293	5B26	±1 ±9
						Medium & dark gray non-calcareous phyllite is CS_0 foliated and weakly silicous. Silicous intervals are medium gray. Unit hosts 3% cloty Py and 2% cm-scale quartz calcite veins // S_0. Rock is slightly to moderately bad, moderately broken with good recovery. Upper contact is sharp and parallel S_0. Lower contact has not been cored!
						I'd deepen the hole
		647.7				END OF HOLE

DDH 90DY-09 (2 – 8) CURRAGH RESOURCES INC.

Page A of

Logged by J. Zbeetnoff

ASSAY LOG (SAMPLER'S COPY)

Date JAN 91 Sampled by

CODE	FROM		TO		SAMPLE	INTR.		REC (m)		UNIT	DESCRIPTION
1	10	14	16	20	22 26	28	30	32	34	36 40	42
											WASTE
	549.	0	551.	2	65180					5A6	
	551.	2	552.	0	65181					4G4	→ 4E4
	552.	0	552.	8	65182					4G4	
	552.	8	553.	5	65183					4G4	
	553.	5	554.	4	65184					4G4	
	554.	4	556.	5	65185					4L01$	
	556.	5	557.	7	65186					4G4	→ 4E4
	557.	7	559.	2	65187					4E44	
	559.	2	560.	9	65188					4F4	
	560.	9	562.	5	65189					4G44	
	562.	5	563.	4	65190					4L0	±@
	563.	4	563.	8	65191					4G44	
	563.	8	564.	8	65192					4G4	
	564.	8	565.	4	65193					4E4	
	565.	4	566.	7	65194					4E4	
	566.	7	567.	1	65195					4L0	
	567.	1	569.	4	65196					4G4	
	569.	4	570.	1	65197					5A0	
	570.	1	572.	0	65198					5A019	
											WASTE
	582.	1	583.	1	65199					4L0	
	583.	1	583.	6	65200					4H0	
	584.	5	584.	5	65201					4L0	
	586.	4	586.	4	65202					4L0	
	586.	4	587.	1	65203					4G44	
	587.	1	588.	1	65204					5B64	
											WASTE
	636.	7	637.	4	65205					5B46	1 → 4L0
	637.	4	639.	0	65206					5B216	09 → 4A0
	639.	0	639.	4	65207					5D06	
	639.	4	640.	7	65208					4L19	
	640.	7	642.	1	65209					5B20	(4L19)
	642.	1	643.	5	65210	2.7				5B21	
	643.	5	644.	8	65211					5B21	
											End of hole

Page 5-1 of _____

DDH 90DV-09 (2 / 8)

CURRAGH RESOURCES INC.
Structural Log

Date: Feb. 5/91 Logged By: D. Hallinan

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	
S		236	CS2S	-	134	410 08	68	
S		343	PS2-	-			81	PYROXENITE (HT., HBLE VARIETIES)
S		362	CS2Z	-	135	23 230	69	
S		389	CS2S	-	161	26 324	77	
S		481	CS2Z	-	077	31 272	70	
S		497	CS2Z	-	043	59 045	76	
S		575	CS2S	-	160	16 037	58	
S		616	CS2Z	-	119	28 220	73	
S		708	CS2S	-	152	27 284	83	
S		738	PS2-	-			90	METABASITE
S		794	CS2S	-	122	49 016	69	
S		833	CS2S	-	035	32 020	49	
S		942	CS2S	-	051	46 023	73	
S		951	CS2S	-	095	25 066	74	
S		1047	CS2S	-	075	34 343	84	
S		1093	CS2Z	-	124	47 123	81	
S		1144	CS2S	-	027	23 005	73	
S		1214	CS2S	-	148	26 325	70	
S		1253	CS2S	-	090	39 000	60	
S		1340	CS2S	-	022	33 001	77	
S		1349	CS2Z	-	088	060 064	63	
S		1408	CS2Z	-	073	24 079	76	
S		1463	CS2S	-	109	19 320	57	
S		1516	CS2Z	-	146	43 067	87	
S		1575	PS2-	-			65	BLOCKY TO FRIABLE ZONE
S		1683	CS2S	-	064	14 350	54	
S		1742	CS2S	-	015	11 000	72	
S		1797	CS2S	-	052	27 317	80	
S		1845	CS2S	-	042	33 012	75	
S		1918	CS2Z	-	000	36 076	85	
S		1945	CS2Z	-	150	26 148	85	
S		2000	PS2-	-			86	
S		2068	CS2Z	-	160	30 180	71	
S		2138	CS2S	-	123	53 199	77	
S		2175	CS2Z	-	155	58 137	87	
S		2237	CS2S	-	167	14 000	68	

DDH 90DY-09 (2 / 8)

CURRAGH RESOURCES INC.
Structural Log

Date: Feb. 7/91 Logged By: D. Halliwell

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	
S		2297	CS2S	T	023	320	76	
S		2327	CS2Z	T	061	10 689	80	
S		2411	CS2S	T	066	44 018	68	
S		2483	CS2S	T	042	67 000	83	
S		2526	CS2S	T	009	45 020	87	
S		2568	CS2Z	T	142	18 220	79	
S		2612	CS2S	T	048	45 013	87	
S		2699	CS2Z	T	158	23 134	55	
S		2764	CS2S	T	172	37 000	63	
S		2792	CS2S	T	080	40 270	68	
S		2871	CS2Z	T	084	31 098	81	
S		2928	CS2Z	T	146	59 100	63	
S		2985	CS2S	T	105	31 332	79	
S		3013	CS2Z	T	023	30 185	87	
S		3085	CS2S	T	033	33 293	83	
S		3154	CS2S	T	064	40 010	76	
S		3212	CS2S	T	030	15 015	77	
S		3291	CS2S	T	041	29 015	71	
S		3321	CS2S	T	020	67 021	70	
S		3355	CS2Z	T	075	71 196	80	
S								NO ATTITUDES FOR 3 BONES
S								(NO S_1, S_2 IN MASSIVE
S								LATE INTRUSIVES.
S		3625	PS2	T			85	
S		3646	CS2S	T	051	51 338	72	
S		3734	CS2Z	T	089	40 261	78	
S		3759	CS2S	T	015	57 000	69	
S		3814	CS2Z	T	144	58 054	71	
S		3900	PS2	T			85	CS_2 EXISTS ONLY IN SOFT, WET
S		3950	CS2Z	T	173	73 163	61	INCOMPETENT ROCK.
S		4007	CS2Z	T	075	31 298	70	
S		4048	CS2S	T	024	25 348	57	
S		4107	CS2Z	T	083	56 180	72	
S		4189	CS2S	T	052	31 012	69	
S		4210	CS2Z	T	038	54 180	69	
S		4283	CS2S	T	122	52 298	72	

Page 5-3 of

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.
Structural Log

Date: Feb. 11/91 Logged By: D. Hallinell

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	
S		431 2	CS2Z	—	173	25 183	62	
S		439 3	CS2S	—	168	48 010	75	
S		446 5	CS2S	—	133	38 026	78	
S		452 4	CS2S	—	070	16 031	82	
S		458 1	CS2Z	—	089	28 063	79	
S		468 8	CS2Z	—	067	60 234	85	
S		466 6	CS2Z	—	033	36 206	75	
S		474 0	CS2Z	—	163	43 136	82	
S		476 8	CS2Z	—	063	38 037	75	
S		482 5	CS2S	—	173	27 355	67	
S		492 6	CS2S	—	027	30 357	72	
S		498 3	CS2Z	—	165	31 177	76	
S		501 1	CS2S	—	014	27 000	67	
S		506 5	PS2	—			89	Metabasite
S		513 5	CS2Z	—	051	60 084	86	
S		518 0	PS2	—			70	Metabasite
S		522 5	PS2	—			88	Metabasite, Pyroxenite
S		531 0	PS2	—			86	Metabasite
S		535 2	PS2	—			80	Metabasite
S		541 1	CS2Z	—	114	26 266	82	
S		545 6	CS2S	—	154	35 358	81	
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DDH 90DY-09 (2–8)

CURRAGH RESOURCES INC.
Structural Log

Page 8-4 of _____

Date: JAN '91 Logged By: J. Zbectwitz

Code	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 L2 Dip (28–32)	S_0 L2 Direct. (28–32)	S_1 Dip (34–38)	S_1 Direct. (34–38)	S_2 Dip (40–44)	S_2 Direct (40–44)	Description
		546.5	PS2			095			64	64	L4: 155'
		551.4									contact of banding: 55° TCA
		555.5	CS2	Z			06	175	68	6	
		557.7									contact @ 35° TCA // banding
		563.4	CS2	Z			30	095	71		contact
		571.9	CS2	Z			16	185	59		
		577.0	PS2						64		
		580	PS2						67		
		586.6	PS2						64		Banding
		593.4	CS2	M					83		fold axis
		597.5	CS2	S		018	12	000	73		
		606.0	PS2			068			67		
		608.1	CS2	M		045			74		
		618.6	PS2			064			72		
		622.8	PS2			063			76		
		627.6	CS2	M					68		
		634.7	PS2			040			84		
		640.1	PS2						82		
		644.3	PS2						77		
											END OF HOLE

DDH 90DY-09 (2 / 8)

CURRAGH RESOURCES INC.

Fault Log

Date: Feb. 5/91 Logged By: D. Halliwell

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	
F	283	295	1B					BLOCKY, LIMONITIZED. NO GOUGE.
F	325	327	2G					CLAY-LIMONITE GOUGE AT CA 70°. MEASUREMENT W.R.T. S_2 IMPOSSIBLE.
F	327	334	2B					BLOCKY, LIMONITIZED, NO GOUGE. UPPER, LOWER CONTACTS AT CA 60°, CA 65°, RESPECTIVELY.
F	351	361	2B					BLOCKY, LIMONITIZED. NO GOUGE
F	398	407	2,R,G				34	BLOCKY TO FRIABLE. LIMONITIZED CLAY-LIMONITE GOUGE AT CA 70°, 34° TO $\emptyset s_2$. (40.7)
F	426	432	2B					BLOCKY. LIMONITIC, NO GOUGE. UPPER, LOWER CONTACTS AT CA 70°, CA 85°, RESPECTIVELY.
F	447	453	1B					BLOCKY, LIMONITIC. NO GOUGE. UPPER, LOWER CONTACTS BOTH AT CA 70°.
F	539	540	1B					BLOCKY. NO GOUGE. UPPER, LOWER CONTACTS AT CA 90°, CA 60°; RESPECTIVELY.
F	664	674	2B					BLOCKY. LIMONITIC. UPPER, LOWER CONTACTS AT CA 70°, CA 80°; RESPECTIVELY.
F	699	703	1B					BLOCKY, LIMONITIC. UPPER, LOWER CONTACTS BOTH AT CA 80°.
F	1153	1156	1C					VUGGY ALONG C.A. CALCITE VEINLET. NO GOUGE. CA 0°.

DDH 90D4-09 (2 / 8)

CURRAGH RESOURCES INC.
Fault Log

Date: Feb. 5/91 Logged By: D. Hallwell

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	
F	118.5	118.6	1,G					VUGGY. CALCITE PARTIAL FILLING
F	141.4	142.8	3,B,G					BLOCKY. CLAYEY GOUGE AT 141.8-142.0, 142.1-142.2, 142.3-142.4, 142.5-142.6. AT CA 40°-50°. MEASURE W.R.T. S_2 IMPOSSIBLE.
F	154.4	155.1	2,B					BLOCKY. CLAYEY. NO GOUGE. CONTACTS AT CA 90°.
F	156.9	162.6	3,B,G			60		BLOCKY. CLAYEY GOUGE AT 160.5-160.6. AT CA 5°. GOUGE AT 60° TO S_2 STRIKE.
F	160.9	166.0	2,B,R					BLOCKY TO RUBBLY
F	162.7	162.9	2,F,X					HEALED OLIGOMICT MATRIX SUPPORTED BRECCIA. ANGULAR BIOTITE CALC. PHYLLITE CLASTS
F	162.9	163.0	1,G			29		CLAYEY FAULT GOUGE AT CA 36°. 29° w.r.t. S_2 STRIKE
F	163.1	164.6	2,G					CLAYEY FAULT GOUGE AT CA 6°-21°
F	164.6	166.0	3,G			80	Ø17	MYLONITIC GNEISS FOLIATED AT CA 10° (Ave.): CA 0°-20° DIP 80° w.r.t. S_2 strike. STRIKE Ø17° w.r.t. S_2 strike.
F	167.0	167.5	1,B					BLOCKY ZONE. NO GOUGE. UPPER, LOWER CONTACTS AT CA 35°, CA 70°.
F	192.2	192.9	2,B					BLOCKY TO RUBBLY. NO GOUGE. UPPER, LOWER CONTACTS AT CA 60°, CA 70°, RESPECTIVELY. LOCAL LIMONITE-CALCITE VUGS.

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.

Fault Log

Date: Feb. 8/91 Logged By: D. Halliwell

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	
F	201 1	201 2	1R					RUBBLY ZONE. NO GOUGE. UPPER, LOWER CONTACTS AT CA70°; CA60°; RESPECTIVELY.
F	2027	2030	1B					BLOCKY ZONE. NO GOUGE. UPPER, LOWER CONTACTS AT CA60°; CA30°; RESPECTIVELY
F	2053	2059	2T					POKER CHIPPY. NO GOUGE. UPPER, LOWER CONTACTS BOTH AT CA80°.
F	2394	2395	1G			16		CLAYEY GOUGE AT CA35°. DIP OF GOUGE AT 16° TO S. STRIKE
F	2679	2681	1					MYLONITIC GNEISS AT CA0°.
F	2683	2696	2BR					BLOCKY TO RUBBLY
F	2689	2690	1G					GOUGE
F	2715	2732	3BR					BLOCKY TO RUBBLY. NO GOUGE. UPPER, LOWER CONTACTS AT CA60°; CA30°; RESPECTIVELY.
F	2731	2732	1G					CLAYEY GOUGE AT CA30°
F	3009	3011	1B					BLOCKY NO GOUGE
F	3135	3139	1BG		320/088			BLOCKY. GOUGE AT UPPER CONTACT AT CA35°. FAULT AT 32°/088° w.r.t. ϕs_2
F	3137	3140	1B					BLOCKY. UPPER, LOWER CONTACTS AT CA87°, CA76°, RESPECTIVELY
F	3201	3203	1R					RUBBLY, UPPER, UPPER, LOWER CONTACTS AT CA70°; CA79°; RESPECTIVELY

DDH 90DY-09 (2 8)

CURRAGH RESOURCES INC.

Fault Log

Date: Feb. 11/91 Logged By: D. Halliwell

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	
F	365Ø	3655	1B					BLOCKY. UPPER, LOWER CONTACTS AT CA 84°; CA 87°; RESPECTIVELY.
F	3668	3670	1B					BLOCKY. UPPER, LOWER CONTACTS AT CA 8Ø°; CA 84°; RESPECTIVELY
F	3714	3718	1B					BLOCKY. UPPER, LOWER CONTACTS AT CA 7Ø°; CA 85°; RESPECTIVELY
F	3800	3807	2R					RUBBLY. UPPER, LOWER CONTACTS AT CA 79°; CA 72°; RESPECTIVELY
F	3821	3834	2BR					BLOCKY TO RUBBLY. UPPER, LOWER CONTACTS AT CA 8Ø°; CA 81°; RESPECT.
F	3839	3849	3BR					BLOCKY TO RUBBLY. UPPER, LOWER CONTACTS AT CA 8Ø°; CA 84°; RESP.
F	3858	3888	3BR					BLOCKY TO RUBBLY. FAULT GOUGE AT CA 12° AT 386.4-386.7. ROCK QUALITY DOESN'T PERMIT ATTITUDE MEASUREMENTS W.R.T. S2.
F	3908	3909	2G			49Ø86		CHLORITIC CLAYEY FAULT GOUGE. FAULT PLANE AT 49°/Ø86° W.R.T. S2 STRIKE.
F	3925	3935	2B					BLOCKY. UPPER, LOWER CONTACTS AT CA 58°; CA 56°; RESPECTIVELY.
F	4ØØØ	4ØØ1	1B					BLOCKY. UPPER, LOWER CONTACTS AT CA 77°, CA 72°; RESPECTIVELY
F	4076	4078	1B					BLOCKY. UPPER, LOWER CONTACTS AT CA 78°, CA 58°; RESPECTIVELY.

DDH 90DY-09 (2–8)

CURRAGH RESOURCES INC.
Fault Log

Page F5 of

Date: Feb. 11/91 Logged By: D. Halliwell

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	
F	4232	4234	1B					BLOCKY. UPPER, LOWER CONTACTS AT CA 72°, CA 78°; RESPECTIVELY.
F	4380	4384	1B					BLOCKY. UPPER, LOWER CONTACTS AT CA 87°, CA 74°; RESPECTIVELY
F	4695	4697	1RG					RUBBLY. CLAYEY FAULT GOUGE AT LOWER CONTACT AT CA 65°. ROCK QUALITY DOESN'T PERMIT MEASUREMENT OF ATTITUDES W.R.T. S_2 STRIKE
F	4736	4739	1B					BLOCKY. UPPER, LOWER CONTACTS AT CA 42°, 72°; RESPECTIVELY
F	4874	4877	1B					BLOCKY. UPPER, LOWER CONTACTS AT CA 65°, 46°; RESPECTIVELY
F	4880	4884	1B					BLOCKY. UPPER, LOWER CONTACTS AT CA 61°, 60°; RESPECTIVELY.
F	5024	5027	1B					BLOCKY. UPPER, LOWER CONTACTS AT CA 30°, 70; RESPECTIVELY.
F	5084	5087	1BG				34 015	BLOCKY. GRAPHITIC GOUGE. UPPER, LOWER CONTACTS AT CA 70°, 49°; RESPECTIVELY. FAULT PLANE IS AT 34°/015° TO S_2 STRIKE (LOWER CONTACT)
F	5100	5108	2B					BLOCKY. UPPER, LOWER CONTACTS AT CA 58°, 58°; RESPECTIVELY.
F	5209	5212	2G		88 018			TALCOSE ± SERPENTINITIC FAULT GOUGE. FAULT AT CA 22°, 88°/018° TO S2 STRIKE
F	54	5470	1S		83			SLICKENSIDES AT CA 83° TO S2 STRIK

DDH 90DY-09 (2–8)

CURRAGH RESOURCES INC.

~~Structural~~ FACT Log

Page #6 of

Date: JAN 91 Logged By: IZ

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip Direct. (28–32)	S_1 Dip Direct. (34–38)	S_2 Dip Direct (40–44)	Description
	567.8	569.4						strongly broken locally crushed in 20cm bands
	569.4	570.1						100% gouge
	570.1	571.2						very strongly broken // S_2 0-trace gouge
	571.2	577.7						strongly to very strongly broken gouge and crushed rock at 572.0-572.8, 573.7-573.9 and 577.4-577.7
	—	591.0						10cm gouge & crushed rock // S_2
	601.3	602.0						strongly broken // S_2 15% gouge in 1-2cm bands
	631.6	632.5						strongly broken // S_2 5% gouge 1.0cm wide
	—	639.0				36 000		1cm gouge band

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-09

Units: Feet / Metres Date: Feb 5/91 Logged By: DRH/RCW Page G-1 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES w.r.t. CA												CORE SIZE	COMMENTS
						0-30				30-65				65-90					
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
19.9	CASING																		
23.2	3.0	1.3	R2	14	2	1	17	8.0	J	2	16	10.0	J	31	14	6.0	S	NQ	
24.4	0.9	0.2	R2	11	2	1	14	8.0	J	1	16	10.0	J	7	12	9.0	S,C	T	HEMATITE-LIMON.-CLAY GOUGE
26.2	1.7	0.1	R2	8	3	Ø	—	—	—	3	17	9.0	J	22	14	6.0	S		LIMONITIC
28.3	1.9	0.2	R3	9	3	2	16	8.0	J	3	15	10.0	J	27	12	6.0	S		LIMONITIC
30.2	1.4	0.3	R3	9	2	Ø	—	—	—	2	14	10.0	J	22	14	6.0	S		LIMONITIC
32.3	1.3	0.75	R3	10	3	1	14	9.0	J	2	14	10.0	J	12	12	6.0	S		LIMONITIC
35.4	2.6	0	R2	8	3	Ø	—	—	—	2	13	10.0	S	68	14	3.0	S,C		LIMONITIC-CLAY-GOUGE.
36.0	0.4	0	R2	5	3	1	15	9.0	J	2	13	8.0	S	20	14	2.0	S		LIMONITIC
37.8	1.8	0.2	R2	8	2	1	15	9.0	J	1	15	9.0	J	44	12	3.0	S		LIMONITIC
39.6	1.5	0	R2	8	3	1	15	9.0	J	2	14	9.0	J	37	12	4.0	S		LIMONITIC
40.8	1.1	0	R2	5	4	Ø	—	—	—	4	14	8.0	J	42	12	3.0	S		VERY LIMONITIC
43.3	2.6	0.2	R2	10	3	Ø	—	—	—	4	14	10.0	J	65	13	3.0	S		LIMONITIC
44.5	1.2	0.2	R2	9	2	2	14	10.0	J	2	14	10.0	J	39	13	5.0	S		LIMONITIC
46.9	2.4	0.5	R2	9	2	2	16	10.0	J	2	16	10.0	J	44	12	3.0	S		LIMONITIC
50.0	3.0	0.5	R2	11	1	1	15	10.0	J	2	14	10.0	J	59	12	3.0	S		
53.6	3.4	0.6	R2	8	1	1	16	10.0	J	3	12	10.0	S	129	12	2.0	S		POKER CHIPS
54.9	0.8	0	R2	9	1	Ø	—	—	—	2	16	10.0	J	28	12	6.0	S		
56.7	1.8	0.35	R2	11	1	Ø	—	—	—	4	14	10.0	J	32	12	6.0	S		
59.7	3.0	1.0	R2	11	1	1	15	10.0	J	1	12	10.0	J	56	13	3.0	S		
61.0	1.3	0.1	R2	9	1	Ø	—	—	—	2	12	10.0	J	25	12	6.0	S		
62.1	1.1	0	R2	10	1	Ø	—	—	—	1	16	10.0	J	21	12	6.0	S		
MISSING BLOCK																			
67.4	4.8	0.4	R2	8	2	1	16	9.0	J	2	14	10.0	J	93	12	3.0	S		VERY LIMONITIC IN LOWER SECTION
68.9	1.4	0.8	R2	11	2	1	16	10.0	J	2	14	10.0	J	20	12	6.0	S		LIMONITIC
71.9	2.9	1.0	R2	12	2	2	14	10.0	J	4	12	10.0	J	36	12	4.0	S		
73.5	1.6	0.4	R2	11	2	Ø	—	—	—	2	16	10.0	J	20	12	6.0	S		
76.5	3.0	1.1	R2	12	2	Ø	—	—	—	3	16	10.0	J	36	12	4.0	S		
79.6	3.0	1.4	R2	12	2	1	16	10.0	J	4	14	10.0	J	40	11	3.0	S		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-09

Units: Feet / Metres Date: Feb. 5/91 Logged By: DRH / REW Page 2-2 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES w.r.t. CA 0-30 No	0-30 Rough	0-30 Alt	0-30 Type	30-65 No	30-65 Rough	30-65 Alt	30-65 Type	65-90 No	65-90 Rough	65-90 Alt	65-90 Type	CORE SIZE	COMMENTS
																		NQ	
81.1	1.3	0.4	R2	10	2	1	16	10.0	J	0	—	—	—	25	12	10.0	S		
83.2	2.0	1.5	R2	14	1	0	—	—	—	0	—	—	—	19	11	10.0	S		
86.3	3.1	1.4	R2	13	1	1	16	10.0	J	1	16	10.0	J	39	11	5.0	S		
88.7	2.4	0.3	R2	10	1	1	13	10.0	J	1	14	10.0	J	50	11	3.0	S		
90.2	1.3	0.35	R2	12	1	0	—	—	—	2	14	10.0	J	19	12	10.0	S		
93.0	2.6	1.8	R2	11	1	0	—	—	—	1	14	10.0	J	19	12	10.0	S		
96.0	3.0	2.0	R2	13	1	0	—	—	—	2	14	10.0	J	29	11	10.0	S		
99.1	3.0	1.7	R2	11	1	1	16	10.0	J	1	14	10.0	J	30	11	6.0	S		
102.1	3.1	2.3	R2	13	1	0	—	—	—	1	12	10.0	J	21	12	10.0	S		
105.2	3.1	2.6	R2	14	1	0	—	—	—	1	14	10.0	J	20	11	10.0	S		
108.2	3.1	2.2	R2	14	1	1	16	10.0	J	3	16	10.0	J	22	12	10.0	S		
111.3	3.1	2.6	R2	15	1	0	—	—	—	1	16	10.0	J	14	11	10.0	S		
114.6	3.0	2.5	R2	14	1	0	—	—	—	1	16	10.0	J	14	11	10.0	S		
117.7	3.0	2.1	R2	13	1	2	18	10.0	J	3	16	10.0	J	19	12	10.0	S		calcite vuggy veinlet — 11 CA
120.7	3.0	2.3	R2	12	1	0	—	—	—	3	16	10.0	J	18	13	10.0	S		
123.7	3.0	2.1	R2	13	1	0	—	—	—	1	15	10.0	J	18	12	10.0	S		
126.8	3.0	2.4	R2	14	1	2	11	10.0	J	2	12	10.0	J	19	12	10.0	S		
128.9	2.0	1.3	R2	13	1	2	15	10.0	J	3	14	10.0	JRS	14	11	10.0	S		
129.8	1.0	0.6	R2	13	1	0	—	—	—	2	13	10.0	J	7	10	10.0	S		
132.9	3.1	0.8	R2	12	1	1	16	10.0	J	4	14	10.0	JRS	42	12	3.0	S		
135.9	2.9	2.0	R2	13	1	1	16	10.0	J	1	14	10.0	J	23	12	6.0	S		
139.0	3.1	0.85	R2	11	1	4	18	10.0	J	3	17	10.0	J	45	12	3.0	S		
142.0	2.9	1.0	R2	8	2	1	16	10.0	J	1	16	10.0	J	55	11	3.0	S		
143.1	1.2	0	R2	6	3	1	9	10.0	J	3	16	10.0	J	26	11	3.0	S>G		clayey gouge
143.7	0.9	0	R2	6	2	0	—	—	—	1	12	10.0	S	32	11	6.0	S		
144.8	0.55	0	R2	4	2	1	16	10.0	J	1	12	10.0	S	40	10	3.0	S		
145.7	1.2	0.2	R2	7	1	0	—	—	—	1	12	10.0	S	30	11	6.0	S		
148.1	2.2	0.4	R2	8	1	0	—	—	—	3	12	10.0	S	41	10	3.0	S		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-09

Units: Feet / Metres Date: Feb. 5/91 Logged By: DRH/RCW Page 6-3 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES w.r.t. CA												CORE SIZE	COMMENTS
						0-30				30-65				65-90					
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
																		NQ	
151.2	3.1	0.7	R2	8	1	1	18	10.0	J	2	12	10.0	S	45	12	3.0	S		
154.2	2.7	0.3	R2	8	1	0	—	—	—	2	12	10.0	S	46	12	3.0	S		
155.4	1.2	0.2	R2	7	1	1	16	10.0	J	1	12	10.0	S	33	13	5.0	S		
157.0	1.4	0.5	R2	12	2	2	16	10.0	J	3	14	10.0	J	16	14	10.0	S		
158.2	1.0	0	R2	6	2	2	18	10.0	J	3	12	10.0	S	24	12	5.0	S		
159.7	0.05	0	R1	3	5	—	—	—	—	—	—	—	—	—	—	—	—		Clayey gouge Rubble (Unstable zone)
160.9	1.3	0	R1	3	4	3	16	8.0	J	4	18	6.0	J	100	9	2.0	S		
162.2	1.0	0	R1	5	3	4	16	8.0	J	5	14	8.0	J	60	10	3.0	S		
163.1	0.8	0	R2	4	2	3	16	8.0	J	5	14	8.0	J,G	30	13	3.0	S		
164.6	1.0	0.6	R1	4	2	2	14	8.0	J	1	16	8.0	J	11	12	10.0	S		
166.4	1.9	0.7	R2	8	2	3	15	8.0	J	6	16	8.0	J	24	11	8.0	S		
168.5	2.9	1.8	R2	12	2	1	13	10.0	J	6	16	8.0	J	33	13	10.0	S		
172.5	3.0	2.8	R2	13	1	0	—	—	—	3	16	10.0	J	16	12	10.0	S		
175.6	3.0	2.0	R2	11	1	1	15	10.0	J	0	—	—	—	24	11	8.0	S		
178.6	3.1	2.2	R2	11	1	1	16	10.0	J	3	12	10.0	J	30	12	6.0	S		
181.7	3.0	2.2	R2	12	1	0	—	—	—	1	14	10.0	J	29	13	6.0	S		
184.7	3.1	2.2	R2	12	1	0	—	—	—	0	—	—	—	27	11	6.0	S		
187.8	3.0	2.6	R2	13	1	0	—	—	—	1	17	10.0	J	21	11	8.0	S		
190.8	3.0	1.8	R2	11	2	4	16	9.0	J	2	16	10.0	J	27	13	6.0	S		
193.9	3.0	2.0	R2	10	2	3	15	10.0	J	3	16	10.0	J	33	12	6.0	S		
196.9	3.0	2.5	R2	12	1	1	15	10.0	J	1	16	10.0	J	16	14	10.0	S		
199.9	3.0	2.2	R2	14	1	0	—	—	—	2	16	10.0	J	20	12	8.0	S		
203.0	3.1	1.8	R2	12	1	0	—	—	—	2	13	10.0	S	30	12	6.0	S		
206.1	3.1	2.3	R2	8	1	0	—	—	—	1	16	10.0	J	27	12	8.0	S		
209.1	3.1	1.8	R2	9	1	0	—	—	—	1	16	10.0	J	7	12	10.0	S		
212.1	3.0	1.7	R2	8	1	0	—	—	—	0	—	—	—	52	13	3.0	S		
215.2	3.1	1.5	R2	11	1	0	—	—	—	2	14	10.0	J	39	12	5.0	S		
218.2	3.1	2.3	R2	12	1	1	16	10.0	J	4	14	10.0	S	22	12	8.0	S		
221.3	3.1	2.5	R2	14	1	0	—	—	—	2	12	10.0	S	15	12	10.0	S		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-09

Units: Feet / Metres Date: Feb. 5/91 Logged By: DRH/RCW Page C-4 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES w.r.t. CA												CORE SIZE	COMMENTS
						0-30				30-65				65-90					
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
224.3	3.0	2.7	R2	14	1	0	—	—	—	2	16	10.0	J	18	12	8.0	S	NQ	
227.4	3.1	2.8	R2	14	1	0	—	—	—	2	14	10.0	S	13	11	10.0	S	7	
230.4	3.0	2.3	R2	12	1	0	—	—	—	1	12	10.0	S	23	11	8.0	S		
233.5	3.1	2.6	R2	12	1	1	16	10.0	J	1	16	10.0	J	23	11	8.0	S		
236.5	3.0	2.8	R3	13	1	0	—	—	—	0	—	—	—	13	11	10.0	S		
239.6	2.9	2.6	R2	14	1	0	—	—	—	2	14	10.0	J	22	12	8.0	S		
242.6	3.1	1.9	R2	12	1	1	16	10.0	J	1	16	10.0	J	29	13	6.0	S		
245.7	3.1	2.6	R2	13	1	0	—	—	—	1	14	10.0	S	19	12	10.0	S		
248.7	3.0	2.5	R2	14	1	0	—	—	—	0	—	—	—	15	11	10.0	S		
251.8	3.2	2.3	R2	12	1	0	—	—	—	2	11	10.0	S	11	11	10.0	S		
254.8	3.0	2.1	R2	12	1	0	—	—	—	3	12	10.0	S	20	10	8.0	S		
257.9	3.0	2.8	R2	14	1	0	—	—	—	0	—	—	—	13	11	10.0	S		
260.9	3.1	2.1	R2	12	1	1	16	10.0	J	2	17	10.0	J	27	12	6.0	S		
264.0	3.0	2.4	R2	12	3	1	16	10.0	J	3	16	10.0	J	20	12	8.0	S		
267.0	3.0	2.1	R2	13	3	0	—	—	—	3	14	10.0	J	19	12	10.0	S		
269.1	2.1	1.0	R2	7	2	2	16	10.0	J	4	17	10.0	J	22	12	8.0	S		
271.9	2.4	0.7	R2	7	2	1	16	10.0	J	3	16	10.0	J	45	14	4.0	S		
273.1	1.2	0.0	R2	6	2	1	14	10.0	J	2	14	10.0	J	42	12	3.0	S		
276.1	3.0	2.0	R2	12	1	1	16	10.0	J	2	12	10.0	S	25	11	6.0	S		
279.2	3.0	2.4	R2	15	1	0	—	—	—	0	—	—	—	16	11	10.0	S		
282.2	3.0	3.0	R2	15	1	0	—	—	—	0	—	—	—	12	11	10.0	S		
285.3	3.0	2.6	R2	14	1	0	—	—	—	1	16	10.0	J	21	12	8.0	S		
288.3	3.0	2.2	R2	13	1	0	—	—	—	2	11	10.0	S	20	12	8.0	S		
291.4	3.0	2.3	R2	12	1	1	15	10.0	J	1	14	10.0	J	22	12	8.0	S		
294.4	3.1	2.9	R2	15	1	0	—	—	—	1	16	10.0	J	13	11	10.0	S		
297.5	3.1	2.4	R2	13	1	0	—	—	—	1	13	10.0	J	20	12	8.0	S		
300.5	3.1	2.1	R2	12	1	1	16	10.0	J	2	14	10.0	J	22	11	8.0	S		
303.6	3.1	1.7	R2	11	1	0	—	—	—	0	—	—	—	39	12	3.0	S		
306.6	3.1	2.6	R2	12	1	1	16	10.0	J	0	—	—	—	20	12	8.0	S		
309.7	3.1	2.7	R2	12	1	1	15	10.0	J	1	17	10.0	J	19	12	10.0	S		

DDH 90UY-09

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb.10/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
L	4667	4693		192	5BØ	(5BØ2:1ØØ) 8Ø:18:Ø2
						Light to medium grey phyllite with quartz-carbonate siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational contacts parallel S_2
						Darker grey more calcareous phyllite is calcareous and has gradational contacts parallel S_2.
						White-buff quartz-calcite concordant bulb (veins) subparallelling S_2 are calcareous, hard and have sharp contacts parallel 5BØ, 5BØ2.
L	4693	4695		193	5FØ	→ 5DØ
						Olive-green grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Olive green grey fracture surfaces. Moderately soft. No sulphides. Good core recovery, RQD. Gradational upper contact parallel S_2. Sharp lower contact with clayey fault gouge at CA4Ø°.
L	4695	4697		194	5BØ2	CLAYEY FAULT GOUGE.
						Dark grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Weakly carbonaceous. Dark silvery grey fracture surfaces; no graphite. Very soft clayey fault gouge. No sulphides. Poor core recovery, RQD. Rubbly fault gouge throughout. Sharp upper contact at CA4Ø°. Sharp lower contact at CA6Ø°.

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-09

Units: Feet / Metres Date: Feb. 8/91 Logged By: D. Halliwell Page 6-5 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0-30 No	0-30 Rough	0-30 Alt	0-30 Type	30-65 No	30-65 Rough	30-65 Alt	30-65 Type	65-90 No	65-90 Rough	65-90 Alt	65-90 Type	CORE SIZE	COMMENTS
312.7	3.1	1.3	R2	12	1	Ø	—	—	—	1	14	10.0	J	21	12	8.0	S	NQ	
315.8	2.9	1.7	R2	11	1	Ø	—	—	—	1	16	10.0	G	35	12	5.0	S		Clayey gouge.
318.8	3.0	1.8	R2	13	1	Ø	—	—	—	2	15	10.0	J	22	13	5.0	S		
319.7	0.8	0.25	R2	10	1	Ø	—	—	—	1	14	10.0	J	8	14	8.0	S		
320.3	0.6	0	R2	7	2	Ø	—	—	—	1	16	10.0	J	16	15	10.0	S		
321.9	1.4	1.15	R2	11	1	Ø	—	—	—	1	15	10.0	J	11	12	10.0	S		
324.9	2.9	2.3	R2	15	1	Ø	—	—	—	1	12	10.0	J	13	12	10.0	S		
328.0	3.0	2.3	R2	14	1	1	11	10.0	J	Ø	—	—	—	21	12	10.0	S		
331.0	3.0	2.2	R2	13	1	Ø	—	—	—	3	16	10.0	J	28	14	10.0	S		
334.1	2.9	2.5	R3	13	1	Ø	—	—	—	1	16	10.0	J	18	14	10.0	S		
337.1	3.2	2.8	R4	15	1	Ø	—	—	—	2	15	10.0	J	9	12	10.0	J		INTRUSIVE COMPLEX (LATE)
340.2	3.1	2.4	R4	13	1	Ø	—	—	—	7	15	10.0	J	13	12	10.0	J		
343.2	3.0	2.4	R4	14	2	1	16	10.0	J	3	14	10.0	J	6	14	10.0	J		
345.0	1.8	1.1	R4	12	2	1	14	10.0	J	5	14	10.0	J	14	14	10.0	J		
345.6	0.8	0.2	R4	12	2	3	14	10.0	J	2	16	10.0	J	1	16	10.0	J		
348.7	3.0	2.1	R4	13	2	1	14	10.0	J	6	12	10.0	J	9	14	10.0	J		
351.4	2.4	2.0	R4	12	2	1	12	10.0	J	5	12	10.0	J	10	14	10.0	J		
354.5	3.1	1.15	R4	11	2	2	14	10.0	J	6	14	10.0	J	24	14	8.0	J		
357.5	3.0	1.8	R3	15	1	2	14	10.0	J	4	14	10.0	J	15	12	10.0	J		
358.1	0.8	0.45	R3	14	1	Ø	—	—	—	1	12	10.0	J	4	12	10.0	J		
361.2	2.6	1.4	R3	12	1	1	16	10.0	J	3	12	10.0	J	26	12	8.0	J		
363.9	2.9	1.6	R2	13	1	1	16	10.0	J	2	16	10.0	J	26	12	8.0	S		
366.7	2.7	0.2	R2	8	1	1	14	10.0	J	1	8	10.0	G	62	12	3.0	S		MYLONITE TO CLAYEY GOUGE
370.0	3.0	1.0	R2	8	1	Ø	—	—	—	1	12	10.0	J	57	12	3.0	S		
373.1	2.7	0.6	R2	10	1	2	17	10.0	J	5	15	10.0	J	46	12	5.0	S		
376.1	3.2	2.4	R2	13	1	1	16	10.0	J	1	14	10.0	J	20	14	10.0	S		
379.2	3.0	1.7	R2	12	1	2	16	10.0	J	3	14	10.0	J	20	14	10.0	S		
380.7	1.2	0.2	R2	10	1	1	16	10.0	J	3	16	10.0	J	26	12	8.0	S		
382.8	1.9	0.5	R2	10	1	1	14	10.0	J	Ø	—	—	—	43	12	5.0	S		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90-DY-09

Units: Feet / Metres Date: FEB 10/91 Logged By: DAH/RW Page 6-6 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0-30 No	0-30 Rough	0-30 Alt	0-30 Type	30-65 No	30-65 Rough	30-65 Alt	30-65 Type	65-90 No	65-90 Rough	65-90 Alt	65-90 Type	CORE SIZE	COMMENTS
																		NQ	
384.0	0.9	0	R2	5	1	Ø	—	—	—	2	9	10.Ø	J	50	8	3.Ø	S		
384.7	0.5	0	R1	2	1	2	8	9.Ø	J	4	8	9.Ø	J	100	8	2.Ø	S		
387.4	3.0	0	R2	5	2	5	8	9.Ø	J	3	8	9.Ø	J	77	8	2.Ø	S		
389.2	1.8	0	R1	4	3	1	8	9.Ø	J	2	16	9.Ø	J	100	8	2.Ø	S		
392.0	2.8	0.3	R2	8	2	2	10	9.Ø	J	7	16	10.Ø	J	40	8	4.Ø	S/G		clayey fault gouge.
392.6	0.7	0	R2	7	1	1	16	10.Ø	J	4	15	10.Ø	J	47	11	3.Ø	S		
394.4	1.7	0.3	R2	12	1	1	16	10.Ø	J	3	14	10.Ø	J	32	12	6.Ø	S		
397.5	3.0	1.3	R2	12	1	1	16	10.Ø	J	1	16	10.Ø	J	32	12	6.Ø	S		
400.5	3.0	1.0	R2	12	1	1	15	10.Ø	J	3	12	10.Ø	J	41	12	5.Ø	S		
403.6	3.0	1.4	R2	12	1	1	15	10.Ø	J	2	14	10.Ø	J	37	12	4.Ø	S		
406.6	3.0	2.0	R2	12	1	Ø	—	—	—	3	12	10.Ø	S	29	12	6.Ø	S		
409.7	3.0	1.4	R2	9	1	Ø	—	—	—	2	15	10.Ø	J	41	12	5.Ø	S		
412.7	3.1	1.5	R2	12	1	Ø	—	—	—	Ø	—	—	—	34	12	6.Ø	S		
414.5	1.6	0.5	R2	8	1	Ø	—	—	—	2	16	10.Ø	J	21	12	10.Ø	S		
416.4	1.3	0.1	R2	9	1	Ø	—	—	—	1	16	10.Ø	J	25	12	5.Ø	S		
417.9	1.1	0.2	R2	9	1	Ø	—	—	—	1	14	10.Ø	J	18	12	10.Ø	S		
419.4	1.9	0.2	R2	9	1	1	16	10.Ø	J	2	14	10.Ø	S	39	12	4.Ø	S		
422.5	3.0	1.5	R2	14	1	Ø	—	—	—	2	16	10.Ø	S	33	12	6.Ø	S		
425.5	2.9	1.7	R2	9	1	Ø	—	—	—	1	12	10.Ø	S	40	12	5.Ø	S		
428.2	2.6	1.6	R2	12	1	Ø	—	—	—	1	12	10.Ø	S	20	12	10.Ø	S		
431.3	3.0	1.4	R2	12	1	1	16	10.Ø	J	1	12	10.Ø	S	31	12	6.Ø	S		
431.6	0.3	0.2	R2	14	1	Ø	—	—	—	1	12	10.Ø	S	Ø	—	—	—		
434.6	2.9	0.85	R2	9	1	Ø	—	—	—	2	12	10.Ø	S	46	12	3.Ø	S		
437.7	3.0	1.2	R2	12	1	Ø	—	—	—	3	16	10.Ø	J	30	12	6.Ø	S		
440.7	3.1	0.6	R2	12	1	1	16	9.Ø	J	Ø	—	—	—	51	12	3.Ø	S		
442.9	2.1	1.3	R2	14	1	Ø	—	—	—	3	16	10.Ø	S	15	12	10.Ø	S		
445.9	3.1	1.7	R2	14	1	Ø	—	—	—	2	15	10.Ø	J	28	12	10.Ø	S		
449.0	2.9	2.0	R2	14	1	Ø	—	—	—	2	15	10.Ø	J	29	12	10.Ø	S		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 96-DY-09

Units: Feet / Metres Date: FEB 10/91 Logged By: DRH/RW Page 2-7 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES w.r.t. CA° 0-30 No	0-30 Rough	0-30 Alt	0-30 Type	30-65 No	30-65 Rough	30-65 Alt	30-65 Type	65-90 No	65-90 Rough	65-90 Alt	65-90 Type	CORE SIZE	COMMENTS
																		NQ	
452.0	3.1	2.1	R2	14	1	2	16	10.0	J	3	16	10.0	J	21	14	8.0	S		
455.1	3.1	2.1	R2	14	1	2	16	10.0	J	10	16	10.0	J	22	16	8.0	S		
458.1	3.0	2.1	R2	14	1	0	—	—	—	0	—	—	—	21	14	8.0	S		
461.2	3.0	1.8	R2	14	1	0	—	—	—	0	—	—	—	25	16	8.0	S		
464.2	2.9	2.5	R2	13	1	0	—	—	—	3	14	10.0	S	16	14	10.0	S		
467.3	3.0	2.0	R2	13	1	0	—	—	—	2	16	10.0	J	23	16	8.0	S		
470.3	2.9	1.75	R2	13	1	0	—	—	—	1	15	10.0	J	28	16	8.0	S		
473.4	3.1	2.1	R2	14	1	0	—	—	—	2	16	10.0	J	31	14	6.0	S		
476.4	3.1	1.4	R2	12	1	1	16	10.0	J	2	16	10.0	J	43	13	4.0	S		
479.5	3.1	2.0	R2	14	1	0	—	—	—	1	16	10.0	J	30	12	6.0	S		
482.7	3.0	2.5	R2	14	1	0	—	—	—	0	—	—	—	17	12	6.0	S		
485.7	3.0	2.2	R2	14	1	0	—	—	—	0	—	—	—	28	12	6.0	S		
488.3	2.6	1.5	R2	12	1	2	16	10.0	J	4	15	10.0	J	32	12	6.0	S		
490.4	3.0	0.1	R2	10	1	1	16	10.0	J	2	14	10.0	J,S	60	13	3.0	S		
492.6	2.2	0.9	R2	12	1	0	—	—	—	2	17	10.0	J	28	12	6.0	S		
494.1	2.5	0.5	R2	10	1	0	—	—	—	0	—	—	—	28	12	6.0	S		
497.1	3.1	1.2	R2	12	1	1	16	10.0	J	2	16	10.0	J	41	14	4.0	S		
500.2	3.0	2.4	R2	15	1	0	—	—	—	1	14	10.0	S	15	12	10.0	S		
503.2	3.1	2.2	R2	13	1	0	—	—	—	2	14	10.0	J	20	12	9.0	S		
506.3	3.1	2.4	R2	14	1	0	—	—	—	2	16	10.0	J	25	12	7.0	S		
507.8	1.5	0.6	R2	12	1	0	—	—	—	4	14	10.0	J	17	12	10.0	S		
509.6	1.8	0.3	R2	10	1	0	—	—	—	4	15	10.0	J	37	13	5.0	S		
511.1	1.7	0.5	R2	11	1	0	—	—	—	2	16	10.0	J	34	12	6.0	S		
513.9	2.8	1.0	R2	12	1	1	15	10.0	J	3	15	10.0	J	41	14	4.0	S		
516.9	3.0	1.1	R2	12	1	0	—	—	—	3	15	10.0	J	49	13	3.0	S		
520.0	3.0	1.8	R3	13	1	0	—	—	—	2	16	10.0	J	35	12	6.0	S		
523.0	3.1	1.8	R2	13	1	1	6	9.0	G	4	14	10.0	J	24	12	7.0	S		talc-serpentinized pyroxenite
526.1	3.1	2.3	R3	15	1	1	16	10.0	J	3	16	10.0	J	11	12	10.0	S		
529.1	3.0	2.3	R3	14	1	1	14	10.0	J	2	15	10.0	J	18	14	9.0	S		

CYPRUS ANVIL MINING CORPORATION Page 1 of _____

DIAMOND DRILL CORE LOG Date: _____

Hole Number: 90DY-10

Reference Fabric Orientation Diagram:

Project: DX DECLINE

Location: Dy

Claim: _____

Terr.Plane Co-ords.: 6899446.9 N

597 635.6 E

Grid Co-ords: _____

Elevation: 855.8 m dev

All symmetry determinations looking

Total Depth: 51.8m _____ with _____ dipping

Inclination: -90° @ Collar _____ with dip azimuth _____.

Purpose: TEST ROCK QUALITY ALONG DECLINE

Reason hole Terminated: ADEQUATE DEPTH REACHED

Logged by: L.C.P. Date(s) Logged: _____

Drilling Contractor: E. CARON DD

	CORE		
Size	From	To	Collar Cased and Capped: No
Casing	0.0	6.4	
NQ	6.4	51.8	

Hole Cemented: No

Steel down hole: No

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90DY-10 (2 — 8)

Date: _____ Logged By: _____

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

Code	Drillhole	Depth		Zenith Angle		True Azimuth	Comments
I	2 — 8	10 — 13	14	22 — 25	26	28 — 31	32 34 — 56
R							AT COLLAR
R							
R							
R							
R							
R							
R							
R							
R							
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R							
R							
R							
R							
R							

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

DDH 90DY-10

2 8 metres

CURRAGH RESOURCES INC.

Lithologic Log

Date: Dec 11/90 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	10 0	16 4		1	1*	TILL
						Dominantly boulders of 10AB biotite-hornblende granite with white K-feldspar phenocrysts. Minor pale silvery grey, calcareous phyllite. Recovery about 15% - presumably till matrix washed away
L	16 4	21 3		2	5B10	&2 (5DO) MINOR
						Soft, CS2-foliated, calcareous, pale grey phyllite. Well developed microlithon texture with thin quartz-calcite siltstone bands/laminae. S2 surfaces are silvery grey, locally with slightly greenish tinge. Core becomes slightly darker grey as go down DDH. S2 surfaces in this case pale steely grey. Contains minor thin interbands up to 5cm thick of pale olive green, PS2-foliated, calcareous phyllite.
						Core moderately broken w/ good recovery. S2 surfaces generally fresh. Broken fracture surfaces locally have thin orange-brown iron oxide staining. No faults. HQ core to 9.1m. then NQ for rest of DDH
	21 3	23 9		3	5D10	(5FO)(5B20) 90:05:05
						Dominantly a soft, PS2-foliated, pale olive chlorite-muscovite, calcareous phyllite. S2 surfaces are silvery olive. Contains thin qtz-calcite veins parallel S2 as well as diffuse calcite bands. Interbands of micaceous, thinly banded, olive green calcareous, muscovite-chlorite phyllite (5F) and medium dark grey, calcareous, thinly banded, slightly carbonaceous phyllite (5B2). S2 surfaces for 5F are silvery olive - S2 surfaces for 5B2 are steely grey. Marginal contacts with 5D sharp. Contacts between 5F and 5B transitional.
						Core mod broken with good recovery, locally minor iron oxide surface coatings on fracture surfaces. No faults

DDH 90Dg-10

2 8 metres

CURRAGH RESOURCES INC.

Lithologic Log

Date: Dec 11/98 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	1213.9	1336		4	5B02	
						Soft, calcareous to very calcareous, CS2-foliated, medium-dark grey phyllite. S2 surfaces are silvery grey to silvery steely grey. Microlithons defined by calcareous phase siltstone bands. Contains minor quartz-calcite veinlets which are locally folded into D2 folds. At 31.7 have 40cm coarse quartz-dolomite veinlets partly brecciated and healed.
						Core mod. broken with good recovery. S2 surfaces mainly fresh. Open fractures typically have thin orange-brown iron oxide staining.
	1336	1413.9		5	5C6	& @ (5F6) minor
						Soft, medium to dark green, noncalcareous, thickly banded chloritic phyllite. S2 surfaces are irregular, dark green. Interval crudely banded with 1cm-30cm intervals containing 1mm subhedral pale cream ankerite (?) phenocrysts. Represents a relict igneous texture. Locally contains 20-50cm intervals of coarse white quartz-white ankerite veins.
						TOI-34.7 consists of homogeneous, soft, pale green, chlorite-muscovite phyllite. Contains 1cm euhedral pyrite grains. S2 surfaces are silvery cream. Thin interval is locally thinly laminated. Probably mixture of 5D and 5F.
						Core moderately broken. S2 surfaces and fracture surfaces have thin irregular brown iron oxide staining. No faults.
	1413.9	1457		6	5F6	
						Soft, pale creamy green, poorly laminated, noncalcareous muscovite-chlorite phyllite. S2 surfaces are silvery cream. Calcite occurs in thin scything veinlets. Contains thick coarse quartz-ankerite veins. Poorly laminated, micaceous S2 surfaces suggest unit is metasediment. Lower contact gradational. Core mod. broken. No faults. Recovery good.

DDH 90Dy-10

2 8 metres

CURRAGH RESOURCES INC.

Lithologic Log

Page 5

Date: Dec 11/90 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	45 7	51 8		7	5B20	
						Medium grey to dark grey, slightly calcareous to calcareous, soft, CS2-foliated phyllite. S2 surfaces are silvery grey to steely grey. Microlithons defined by quartzose siltstone bands containing minor calcite. Isolated euhedral pyrite porphyroblasts
						Core moderately broken. Recovery good. No faults
						Note of mislatch @ 48.8 About 0.5m core missing
						EOH = 51.8 metres.

C.R.I. 1987 E-3A

DDH 90DY-10 (2 / 8)

CURRAGH RESOURCES INC.
Structural Log

Date: _____ Logged By: _____

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	
		189	P S 12				710	micaceous foliation.
		1121	C S 12			515 2170	715	S_1 = compositional banding // S_2 = micaceous foliation
		1169	C S 12			010 0100	910	S_1 = banding // S_2 = foliation
		1215					810	phase 2 fold nose in 5D
		1263	C S 12			410 2215	714	
		1308	C S 12	S		510 0100	710	
		1383	P S 12				910	phase 2 fold nose in 5C
		1457	P S 12				612	micaceous foliation
		1495	C S 12	S		410 0100	517	S_1 comp. banding // S_2 foliation
								EOH = 51.8

DDH 90Dy-10 (2–8 metres)

CURRAGH RESOURCES INC.
Fault Log

Page 7 of

Date: 11 Dec/90 Logged By: LCP

Code	FROM	TO (At)	Feature	REC.	UPPER Dip Direct.	INTERNAL Dip Direct.	LOWER Dip Direct	Description
1	10–14	16–20	22–24	26	28–32	34–38	40–44	
	64	65	1G					Minor gouge?/mud at overburden-bedrock interface
	77	78	1G					Minor mud gouge
	317	344	2Q					10-30cm qtz-carbonate veins
	401	439	2Q					10-30cm qtz-carbonate veins
	64	518	2B					Moderately broken
								No faults, no significant gouges
		488	M					Note of mislatch About 0.5m core missing
								EOH = 51.8

PROJECT Dy
LOCATION
LOGGER
DRILLHOLE NO. 90Dy-10
HOLE SIZE HQ/NQ
INCLINATION
COORDINATES: N
E
ELEVATION
DATE 11 Dec 1990
PAGE __ of __

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

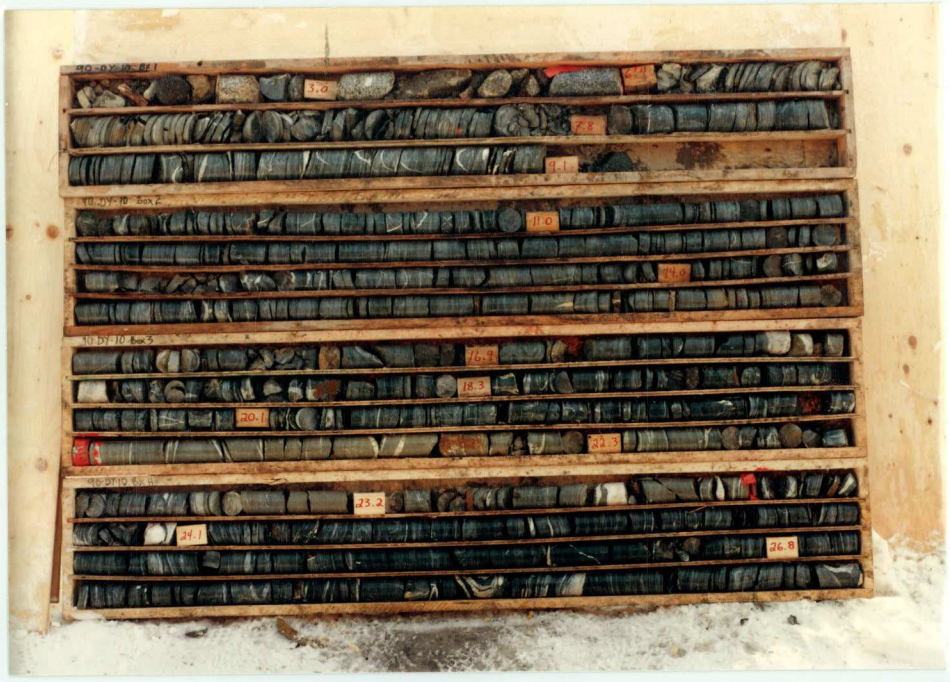
GEOTECHNICAL CORE LOG

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.	
3.0	3.0	0.4		0.6				9	E								HQ overburden
6.4	3.4	0.5		0.1				9	(								HQ Overburden
7.8	1.4	1.2		0.0				6							3		HQ
9.1	1.3	1.4		0.0				7							2		HQ
11.0	1.9	0.9		0.0				6	E						0		NQ
14.0	3.0	3.0		0.3				7	(						3		(
16.9	2.9	2.6		0.0				7							4		
18.3	1.4	1.4		0.0				7							3		
20.1	1.8	1.1		0.0				7							2		
22.3	2.2	2.1		0.3				7							1		
23.2	0.9	1.0		0.1				9							0		
24.1	0.9	1.1		0.0				7							4		
26.8	2.7	1.5		0.3				7							2		
29.3	2.5	2.2		0.3				7							0		
31.7	2.4	2.9		0.6				9							5		
34.4	2.7	1.9		0.2				9							3		
36.6	2.2	2.2		0.8				9							2		
38.4	1.8	1.8		0.6				9							3		
40.8	2.4	2.7		1.0				9							7		
43.9	3.1	3.1		1.1				9							3		
45.7	1.8	1.2		0.0				9							2		
48.8	3.1	0.9		0.2				7							1		
50.3	1.5	1.6		0.5				9							1		
51.8	1.5	1.3		0.0				7	)						2		)
																	EOH = 51.8

Fig. 1. Typical rock mechanics core log.

90DY-10 A of 1


90-DY-10 BX 1
3.0
7.8
11.0
16.9
18.3
20.1
22.3
23.2
24.1
26.8


90-DY-10 BX 1
3.0
7.8
11.0
16.9
18.3
20.1
22.3
23.2
24.1
26.8


90-DY-10 Box 5
29.3
31.7
34.4
90-DY-10 Box 6
36.6
38.4
90-DY-10 Box 7
40.8
43.9
45.7
90-DY-10 Box 8
48.8
50.3
51.8


90-DY-10 Box 5
29.3
31.7
34.4
90-DY-10 Box 6
36.6
38.4
90-DY-10 Box 7
40.8
43.9
45.7
90-DY-10 Box 8
48.8
50.3
51.8

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: Jan. 10/91

Hole Number: 90DY-11

Reference Fabric Orientation Diagram:

Project: DY DECLINE

Location: DY COLLAR

Claim:

Terr.Plane Co-ords.: 6899473.1 N

597638.3 E

Grid Co-ords:

Elevation: 860.0

All symmetry determinations looking

Total Depth: 55.2m

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: TEST ROCK QUALITY ALONG TRACE OF DECLINE

Reason hole Terminated: REACHED REQUIRED DEPTH

Logged by: D. HALLIWELL

Date(s) Logged: Jan. 10/91 - Jan /91

Drilling Contractor: CARON DIAMOND DRILLING

Hole Cemented: NO

Steel down Hole: NO

Assay Lab: NO SAMPLES TAKEN

Certificate No's: NO SAMPLES TAKEN

Size	CORE From	To
CASING	0.0m	2.8m?
HQ	2.8m?	8.8m?
NO CORE	8.8m?	10.0m?
NQ	10.0m	55.2m

Collar Cased and Capped: NO

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH EA90D11 (2–8)

Date: Jan. 10/91 Logged By: D. Halliwell

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2–8	10–14	22–26	28–32	34–56
RR	90DY-11		•	•	ATCOLLAR
R			•	•	
R			•	•	
R			•	•

DDH 90.DY-11 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Jan.10/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	00	28		1	1.1A	GLACIAL OVERBURDEN. No core.
L	28	88		2	1.1A	GLACIAL OVERBURDEN. Dominantly boulders of 10D quartz diorite with biotite phenocrysts set in a f.g.-m.g. groundmass of white plagioclase and quartz and lesser 10EA diorite to granodiorite. Poor core recovery (~35-40%). Presumably till mud washed away.
L	88	100		3	1.1A	GLACIAL OVERBURDEN. No core.
L	100	238		4	5B.0	(5B02) (5B07) 80:19:1 Medium to dark grey. Moderately to strongly calcareous (calcite, mostly). CS_2 foliated. Well-developed microlithon texture. Carbonate ± quartz ± carbonaceous material in siltstone bands/laminae. S_2 surfaces are silvery-grey, and rarely black or ochre (limonite). Fractures are rarely oxidized. Moderately hard. Good to very good core recovery (Mislatch occurred at 14.0, resulting in 1.8 metre core loss). Upper contact is broken. Lower contact is sharp at CA 50° (parallel S_2)
						Carbonaceous 5B2 unit is dark grey to black, calcareous and soft, with CS_2 foliation. Unit occurs sporadically within major unit. Fractures are black or ochre (limonitic). Good to very good recovery. Gradational contacts with 5B0 unit.
L	238	248		5	5D1	(5D0) 90:10 Olive green, locally white-buff. Moderately to strongly calcareous. Alternately soft (unsilicified) and hard (silicified). PS_2 foliation with siliceous bands subparallel to cross-cutting S_2. Fractures are silvery grey, olive green and ochre (limonitic). Very good core recovery. Sharp upper (CA 50°) and lower (CA 60°) contacts parallel S_2.

DDH 90DY-11 (2 of 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Jan. 10/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Less siliceous unit at 25.1-25.3 is med grey, weakly calcareous and soft. Cut by siliceous veinlet. Sharp upper and lower contacts with SD1 subparallel S_2.
L	248	285		6	5BØ	(5BØ2) 60:40 Medium to dark grey. Moderately to strongly calcareous. CS_2 and locally PS_2 foliated. Moderate hardness. Colour of S_2 surfaces is silvery-grey. S_2 and other surfaces are ochre (limonite). Heavily oxidized (ochre colour) in brecciated section near 28.0 with chloritic fault-gouge ∧ parallel S_2. Rocks adjacent to breccia and gouge have healed limonitic microfractures. Very good core recovery. Sharp upper contact. More gradational lower contact.
						More carbonaceous phyllite is dark grey to black, moderately calcareous and moderately hard. It occurs intermittently in zones with gradational contacts into 5BØ.
L	285	298		7	5B17	~~(5B21) 95:5~~ Medium to dark grey (White to buff when siliceous). Moderately to strongly calcareous. PS_2 foliated. Moderately hard to very hard. S_2 surfaces are silvery grey and ochre (limonite). Largest siliceous zone at 28.75-29.2 contains olive green chlorite blobs. Very good core recovery. Gradational upper and lower contacts subparallel S_2.
L	298	378		8	5BØ	(5BØ2) 90:10 Medium to dark grey. Moderately to strongly calcareous. CS_2 and locally PS_2 foliated. Moderately hard ∧ to splty S_2 surfaces are silvery grey and occasionally ochre (limonite). Trace disseminated pyrite as

DDH 90DY-11
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Jan 10/91 Logged By: D. Hallisey

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						subhedral to euhedral crystals (1-5mm.) Very good core recovery. Gradational upper and lower contacts.
						Carbonaceous subunit is dark grey to black, moderately calcareous, soft and occurs intermittently within 5BØ unit. Gradational contacts with 5BØ unit.
L	37.8	42.4		9	5D1	(5D1 OXIDIZED) (5D6) 6Ø:3Ø:1Ø
						Light grey to olive grey. (White to buff where silicified) Moderately to weakly calcareous. Moderately hard to hard. Silvery grey and occasionally ochre S_2 and other surfaces. Trace disseminated euhedral pyrite crystals. Good to very good core recovery. Gradational upper contact. Fairly sharp lower contact subparallel S_2. Brecciation at 38.8.
						Oxidized zone at 39.5-41.45. Light grey to olive green with ochre (limonite) stained fractures. Weakly calcareous. Softer. Poorer core recovery, RQD. Contains chloritic, non-calcareous (not even dolomite) 5D6 unit at 40.7-41.0. Sharp upper and lower contacts subparallel S_2. Limonitic clay fault gouge at 41.4.
L	42.4	46.5		1Ø	5BØ	(5BØ2) 9Ø:1Ø
						Light to medium grey. Moderately to strongly calcareous. Moderately hard. Silvery grey and ochre (limonitic) S_2 and other surfaces. Trace disseminated pyrite as euhedral crystals (1-5mm.). CS_2 foliated. Oxidized zones at 43.9-44.5, 45.2-45.6, with intense limonitization (limonite after pyrite?) and brecciation. Very good core recovery. Sharp upper and lower contacts parallel S_2.
						Carbonaceous bands/laminae are black, calcareous and soft. Gradational contacts.

DDH 92-Y-11

CURRAGH RESOURCES INC.

Lithologic Log

Date: Jan-10/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	465	475		11	5D1	(10Q@ [redacted]) → 70:30
						Light grey to olive green. Moderately calcareous. Moderately hard to hard. PS_2 foliation. Silvery grey and ochre S_2 and other surfaces. White to buff silicified bands/laminae and cross-cutting veinlets. Very good core recovery. Sharp upper contact parallel S_2. Gradational lower contact.
						Brecciated weakly calcareous (ankerite) 10Q@ unit has orange-white angular clasts (5-15mm) set in a light grey matrix. (matrix supported). Very good core recovery. Sharp upper and lower contacts. Wallrock fragments.
L	475	504		12	5BØ	(5BØ2) 9Ø:1Ø
						Medium to dark grey. Moderately to strongly calcareous. Moderately hard. PS_2 foliation. Silvery grey and ochre (limenitic) S_2 surfaces. Ochre stain on other surfaces. Very good core recovery. Gradational upper and lower contacts subparallel S_2.
						Rarer carbonaceous subunit is blacker, calcareous, softer, and has PS_2 foliation. Gradational contacts with 5BØ.
L	504	522		13	5F1	→5D1 (5DD) 9Ø:1Ø
						Light grey to olive green (White-buff, where siliceous). Moderately to weakly calcareous. Moderately hard to hard. PS_2 foliation. Silvery grey and ochre on S_2 surfaces. Good to very good core recovery. Gradational upper contact and sharp lower contact both parallel S_2.
						Minor 5D subunit at 51.1-51.4 is olive green, calcareous and moderately hard. Gradational contacts with 5F1.
L	612	539		14	5GØ6	(5C16) 8Ø:2Ø

C.R.I. 1987 E-3A

DDH 92-Y-11

CURRAGH RESOURCES INC.

Lithologic Log

Date: Jan. 10/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Medium greyish green (White-buff where silicified). Weakly calcareous. Moderately hard to hard. Silvery grey on fracture surfaces. Weak PS_2 foliation, otherwise massive. Well-preserved igneous texture. Very good core recovery. Sharp upper and lower contacts subparallel S_2.
						Minor siliceous 5C16 sub-unit has abundant buff-white blobs of quartz. Weakly calcareous. Hard. Siliceous blobs cross-cut weak S_2 foliation
L	5.39	5.52		15	5F6	(5F61) 80:20
						Light grey to olive green. Weakly to non-calcareous. Moderately hard to very hard. PS_2 foliation with chloritic bands. Silvery grey and local ochre (limonite) colour on PS_2 and other surfaces. Very good core recovery. Sharp upper contact with 5C6.
						Minor siliceous 5F61 unit is whiter and harder. Very good core recovery. Gradational upper and lower contacts with 5F06.
L						END OF HOLE = 55.2m

DDH 90DY-11 (2 of 8)

CURRAGH RESOURCES INC.
Structural Log

Page 8 of _____

Date: Jan. 10/91 Logged By: D. Halliwell

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 wrt S_2 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S	15.4	CS2	Z	—	105	15/260	65	
S	22.5	CS2	S	—	096	20/290	59	
~~S~~	~~27.2~~	~~CS2~~	Z	—	120	10/300	65	
S	27.2	CS2	Z	—	098	26/212	61	
S	34.3	CS2	Z	—	078	14/280	70	
S	40.3	PS2		—	—	—	65	No CS_2's available
S	43.6	CS2	Z	—	005	82/267	57	Complicated
S	48.4	CS2	S	—	—	29/218	61	
S	53.2	CS2	Z	—	—	—	63	

DDH 90DY-11 (2 / 8) CURRAGH RESOURCES INC.

Page 9 of _____

Fault Log

Date: Jan. 11/91 Logged By: D. Halliwell

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	
F	~~2 9 4~~	2 8 1	1 G X					~~minor gouge. clay washed down fracture~~
F	2 9 4	3 1 6	2 B	9				broken core. little core loss
F	~~3 9 5~~	~~3 9 9~~	~~3 B~~	~~9~~				~~broken core. limonitized. little core loss~~
F	~~4 9 4~~	~~4 9 8~~	~~2 B G~~	~~9~~				~~broken core. limonitized minor gouge~~
F	4		1 F G	9	2 7 2 3 0			Weak fault: minor gouge, fracture pattern slightly oblique to c.a., weak to moderate oxidation locally. No slickensides

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90 DY -11

Units: Feet / Metres Date: Jan 12/91 Logged By: DRH/RW Page 10 of

Run From To (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0-40 No	0-40 Rough	0-40 Alt	0-40 Type	40-60 No	40-60 Rough	40-60 Alt	40-60 Type	60-80 No	60-80 Rough	60-80 Alt	60-80 Type	80-90 No	80-90 Rough	80-90 Alt	80-90 Type	Core Size	Comments
0																							O/B
3.35	0.5	0																				HQ	
5.5	0.6	0																					
8.2	0.3	0																					
8.5	0.2	0																					
10.0	0.2	0																					
10.4	0.4	0	R2	7	1	3	12	6.0	J	2	17	4.0	J					20	10	3.0	S	NQ	
11.1	0.7	0	R2	7	2	2	9	10.0	J	1	12	10.0	J					10	12	3.0	S		
11.6	0.4	0	R3	8	2	1	7	10.0	J	0	—	—	—					11	9	6.0	S		
14.0	0.5	0	R2	6	2	2	8	3.0	J	4	10	6.0	J					3	9	10.0	S		MISMATCH
16.8	2.1	0.1	R3	7	1	1	12	10.0	J	0	—	—	—					30	9	3.0	S		
17.7	0.8	0.1	R3	8	1	1	12	10.0	J	0	—	—	—					15	9	3.0	S		
18.9	1.3	0	R3	9	2	1	12	10.0	J	1	8	10.0	J					18	9	3.0	S		
20.1	0.9	0.1	R3	8	1	1	10	10.0	J	0	—	—	—					18	6	10.0	S		
22.4	2.2	0.2	R3	8	1	1	12	10.0	J	0	—	—	—					50	10	11.0	S		
23.5	1.4	0	R3	8	2	1	12	10.0	J	1	10	10.0	J					30	10	10.0	S		
26.2	2.7	0.5	R3	9	2	1	15	6.0	J	2	15	10.0	J					38	10	6.0	S,T		
29.3	2.9	1.2	R3	10	2	2	15	10.0	J	1	11	10.0	J					27	9	6.0	S		
30.5	1.3	0	R2	8	3	1	12	10.0	J	1	8	10.0	J					48	8	6.0	S		
32.3	1.5	0.1	R3	8	2	0	—	—	—	2	15	10.0	J					35	12	3.0	S		
35.4	3.1	1.45	R3	9	1	0	—	—	—	1	9	10.0	J					33	8	6.0	S		
36.9	1.8	0	R3	8	2	2	12	10.0	J	0	—	—	—					40	10	3.0	S		
38.4	1.3	0.2	R3	8	1	1	11	10.0	J	0	—	—	—					20	9	6.0	S		
41.45	2.8	1.4	R3	7	3	2	15	10.0	J	0	—	—	—					36	12	6.0	S		
44.5	3.1	1.4	R3	8	3	3	12	10.0	J	2	15	10.0	J					30	10	10.0	S,T		
47.5	3.0	1.8	R3	8	3	3	12	10.0	J	1	12	10.0	J					22	10	10.0	S		
50.3	2.7	0.4	R3	8	3	2	15	10.0	J	1	9	10.0	J					45	11	6.0	S		
52.3	2.1	0.7	R3	10	2	0	—	—	—	3	12	10.0	J					25	14	6.0	S		
53.6	1.3	0.9	R4	10	1	0	—	—	—	1	12	10.0	J					9	9	10.0	J		
55.2	2.0	0.1	R3	8	1	1	12	6.0	J	3	11	10.0	J					26	12	6.0	S		

EOH

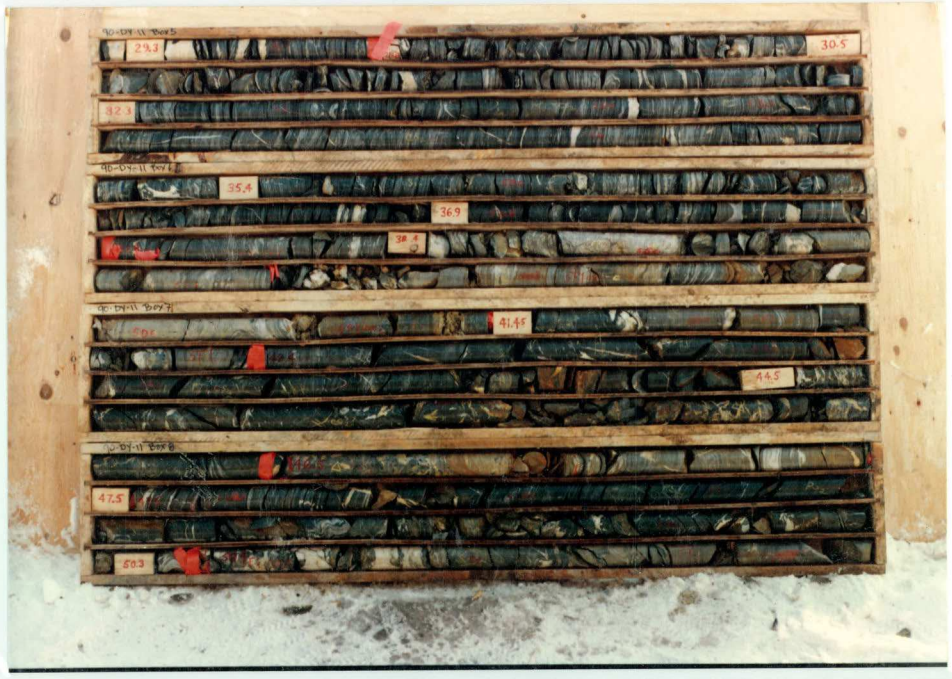
90DY-11

Plot 2













90DY-11 P2 of 2

CYPRUS ANVIL MINING CORPORATION Page 1 of _____

DIAMOND DRILL CORE LOG Date: _____

Hole Number: 90DY-12

Reference Fabric Orientation Diagram:

Project: Dy Decline

Location: Dy

Claim: _____

Terr.Plane Co-ords.: 6899 519.1 N

597 641.4 E

Grid Co-ords: _____

Elevation: 865.03 m elev

All symmetry determinations looking

Total Depth: 68.9m _____ with _____ dipping

Inclination: -90 @ Collar _____ with dip azimuth _____.

Purpose: TEST ROCK QUALITY ALONG DECLINE

Reason hole Terminated: Adequate depth reached

Logged by: J. Zbeetnoff Date(s) Logged: _____

Drilling Contractor: E. Carson JD

CORE	Size	From	To
CASING		0.0	9.8
NQ		9.8	68.9m

Collar Cased and Capped: No

Hole Cemented: No

Steel down hole: No

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH _____ (2–8)

Date: _____ Logged By: _____

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2–8	10–14	22–26	28–32	34–56
R					ATCOLLAR
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
1	2–8	10–56

DDH 90DY-12 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Jan. 11/91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	00	98		1	1 1 A	CASING: Overburden
L	98	133		2	5 C Ø 8	Medium greyish green. Weakly calcareous. Calcareous rock. PS_2 foliated with moderately well-preserved igneous texture. Unit hosts 25-30% strongly altered (± calcite, clay) feldspar phenocrysts (1-2 mm). Unit is moderately to strongly chloritized. Interval is moderately broken and soft. Fractures are rarely oxidized. Recovery is good. Upper contact is broken. Lower contact is sharp, parallel S_2.
L	133	160		3	5 F 6 1	→ 5DØ (5DØ) 98:Ø2 Greyish olive-green. Very weakly calcareous to non-calcareous. Slightly to moderately silicified. CS_2 foliated rock tends towards 5DØ. 5DØ occurs at 13.3, 13.5 and is medium olive green. Moderately to slightly foliated. Slightly calcareous. 5DØ contacts are sharp and parallel S_2. Interval is moderately to strongly broken, hard, with good recovery. Colour of S_2 surfaces are medium green and very rarely oxidized. When oxidized, oxidization is very weak. Interval contains Ø-2% clotty pyrite (1-2 mm).
L	160	185		4	5 G 6 1 $	Medium greenish and medium grey, moderately dolomitic rock is PS_2 foliated and preserves a moderately well-preserved igneous texture. Unit contains 10-35% dolomitized and clay-altered? feldspar phenocrysts (1-3 mm). Interval is moderately to strongly broken with moderate limonite along fractures. Recovery is good. Upper and lower contacts are sharp and

DDH 10DY-12

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: J. Zeefacht

Code	From	To	Recov.	No.	Unit	Description
					5BO	parallel S_2
	18.5	19.6			5BO	(5DO → 5FO)
						5BO is medium to medium light gray strongly calcareous CS_2 foliated and hosts trace-1% Py. 5DO → 5FO is medium green to slightly olive green strongly calcareous and PS_2 foliated. All contacts are sharp and parallel S_2. All units are slightly soft and moderately to strongly broken. Recovery is good. Upper and lower contacts are sharp and parallel S_2
	19.6	21.3			5CO6	$
						Medium to light grayish green, weakly calcareous rock contains a moderately well preserved igneous texture. Interval hosts 0-30% altered feldspar phenocrysts (clay / dolomite), 0-5% leucoxene (?) and moderate oxidation along sporadic fractures. Rock is moderately broken, moderately soft with good recovery. Upper and lower contacts are sharp and parallel S_2

DDH CURRY-12

CURRAGH RESOURCES INC.
Lithologic Log

Page 5

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
	21.3	35.6			5B0	→5B02 (500) 99:01
						Medium gray to slightly medium darkish gray moderately locally weakly calcareous phyllite is generally CS_2 foliated. Unit is generally strongly broken with sporadic very strongly broken, rarely crushed intervals < 30cm wide. Oxidation is sporadic and weak, limited to fracture surfaces. Trace-1% Py
						500 occurs at 21.3 to 21.5 and is moderately calcareous PS_2 foliated and medium green to medium olive green.
						All units are generally slightly soft, strongly broken with good recovery throughout. All contacts are sharp and parallel S_2
	35.6	36.7			5C0	(500) 60:40
						Medium to medium dark green unit is fine grained massive moderately calcareous and contains a very weak PS_2 foliation. A very weak igneous texture exists. Lowest 40% of interval consists of medium green to slightly olive green weakly to moderately calcareous 500
						5C0 : 500 contact is sharp and parallel S_2. Rocks are moderately soft moderately to slightly broken recovery is good. Upper contact is sharp and parallel S_2. Lower
						contact is sharp and fault bound. Lower contact is

C.R.I. 1987 E-3A

DDH CODY-12

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: J. Goodwin

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						oriented @ 145°/28° relative S_2
	36.7	41.2			5C$	± * ± moderate oxidation
						Medium to medium dark green moderately dolomitic, rarely moderately calcareous unit contains a well preserved igneous texture overprinted by a strong S_2 fabric. Rock contains 5-15% altered feldspare crystals (2-3mm, dolomite, ± clay). Oxidation is common, generally pervassive, moderate & locally strong. Upper 60cm contains a strong shear fabric and is faulted with 10cm of gouge. Rock is moderately soft, moderately broken, locally very strongly broken and strongly oxidized on fractured surfaces. 20cm of core missing. Upper contact is fault bound and oriented @ 145°/28 relative to S_2. Lower contact is sharp and parallel S_2
						Below 40.4 displays moderately tight folding with axial planes subperpendicular CA. Igneous texture is very poorly preserved to non-distinguishable
	41.2	45.4			5BO	(5FO) 98:02 ± oxidized
						Medium gray strongly calcareous phyllite is CS_2 foliated and locally moderately oxidized. Interval

DDH 9-DY-12 (2 – 8)

47.2

CURRAGH RESOURCES INC.
Lithologic Log

Page 7

Date: JAN '91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 – 14	16 – 20	22 – 24	26 – 28	30 – 34	35
						is very strongly broken and oxidized along fractures and within rock at 41.4 – 42.1. Oxidized interval is moderately to locally strongly calcareous
						5FO occurs as cm – dm scale alteration along a single cm quartz calcite vein at 44.4.
						Unit hosts 3-5% dm – cm scale quartz calcite veins. Rock is slightly soft, generally moderately to strongly broken, recovery is good. Upper and lower contacts are sharp and parallel S_2
	45.4	48.1			5B06	moderately to strongly oxidized
						Medium grayish rusty brown very weakly calcareous phyllite is PS_2 foliated and moderately to strongly oxidized throughout. Unit hosts 10% irregular well healed caclite-bearing fractures of variable but low angles to core axis. Unit is very strongly broken and locally crushed and gouged below 47.2. Core is generally moderately broken recovery is good Upper contact is sharp and parallel S_2. Lower contact consists of 5cm of gouge.

DDH COPY-12

CURRAGH RESOURCES INC.

Lithologic Log

Page 8

Date: JAN '91 Logged By: T. Shortnell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	48.1	51.6			SBQ	Oxidized Medium gray slightly to moderately rusty brown, moderately to strongly calcareous phyllite is CS_2 foliated. Oxidation becomes strong along fractures locally. Core is slightly hard to slightly soft, moderately broken with good recovery. Upper contact is marked by 5cm of gouge, lower contact is sharp and parallel S_2.
	51.6	58.6			SBQ	± oxidation Medium to medium light gray, strongly to moderately calcareous phyllite is $PS_2 = CS_2$ foliated. Oxidation is sporadic (15-20% of interval) and is weak, rarely moderate. Unit is moderately broken locally strongly to very strongly broken. Oxidation shows no correlation with degree of breakage. Shear textures are weak and very sporadic. Rock is moderately soft and varies in degree of breakage with strongly to very strongly broken sections at 52.0-52.7, 53.8-54.4, & 57.2-58.6. Recovery is generally good. Upper and lower contacts are sharp and parallel S_2

C.R.I. 1987 E-3A

DDH 10DY-12 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN '91 Logged By: T. Bednarski

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	58.6	59.4			SBS	
						Rock is tan-rusty brown, moderately to strongly dolomitic and has a moderate to weak S_0 fabric overprinted by a weak brecciated fabric. Unit hosts 15-20% quartz calcite stringers on the cm scale. Rock is moderately to slightly broken with good recovery. Core is slightly to moderately soft. Upper contact is sharp and parallel S_0. Lower contact is sharp and oriented 010°/40° relative to S_0.
	59.4	68.9			SBO	± moderate oxidation (5B/6/4) (98:02)
						Medium to medium gray, locally slightly rusty brown, moderately to strongly calcareous phyllite is generally S_0 foliated rarely CS_0. Unit is variably oxidized, generally moderately to weakly. 30-40% of interval is oxidized. At 65.9-66.2 unit is strongly altered to sericite and sporadically silicified, with upper contact parallel a steep (30° TCA) S_0 lower alteration contact is irregular. Calcite filled fracture networks are common (7-10% of interval). Rock is slightly soft, moderately broken, rarely strongly broken. Recovery is good. Upper contact is sharp and parallel S_0. Lower contact has not been cored. Last 20cm of interval is strongly oxidized and strongly calcareous
		68.9				END OF HOLE

DDH 90DX-12 (2–8)

CURRAGH RESOURCES INC.
Structural Log

Page 10 of ____

Date: JAN '91 Logged By: J. Zyectnoff

Code	From	To	Feature	Sym	S_0 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	
		11.3	PS2	—	—	—	80	
		15.8	CS2	S		20 020	75	
		23.3	PS2	—	—	—	82	
		29.1	CS2	S	005	26 345	74	
		32.9	CS2	Z	008	16 167	70	
		40.5						FOLD - axial plane 90° TCA
		40.7						FOLD - axial plane 90° TCA
		44.4	CS2	S	—	20 310	58	
		50.4	CS2	S	075	16 050	74	
		55.0	PS2	—	—	—	62	
		62.3	PS2	Z	—	12 141	78	
		64.6	PS2	S	—	10 306	73	
								End of hole

DDH GDY-12 (2 / 8)

CURRAGH RESOURCES INC.
Fault Log

Page _____ of _____

Date: JAN '91 Logged By: J. Sheehan

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	
	0.0	36.7						No faults recorded, strongly broken parallel S_2 at 21.3 - 29.3
	36.7	37.2			28 145	16 —	— —	Weak fault: upper contact consists of 10cm gouge, balance of interval is moderately competent with strong shear fabric and only moderate breakage
	517.0	517.5			36 000	— —	— —	Very weak shear fabric: moderate to strong breakage along shear fabric
		682.9						END OF HOLE

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

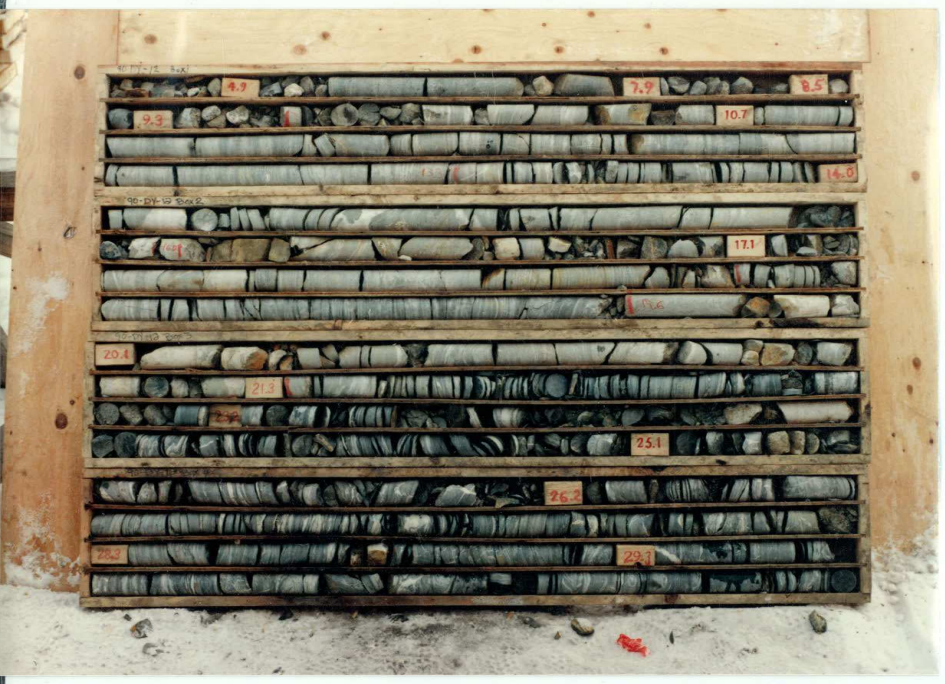
DDH# 90DY-12

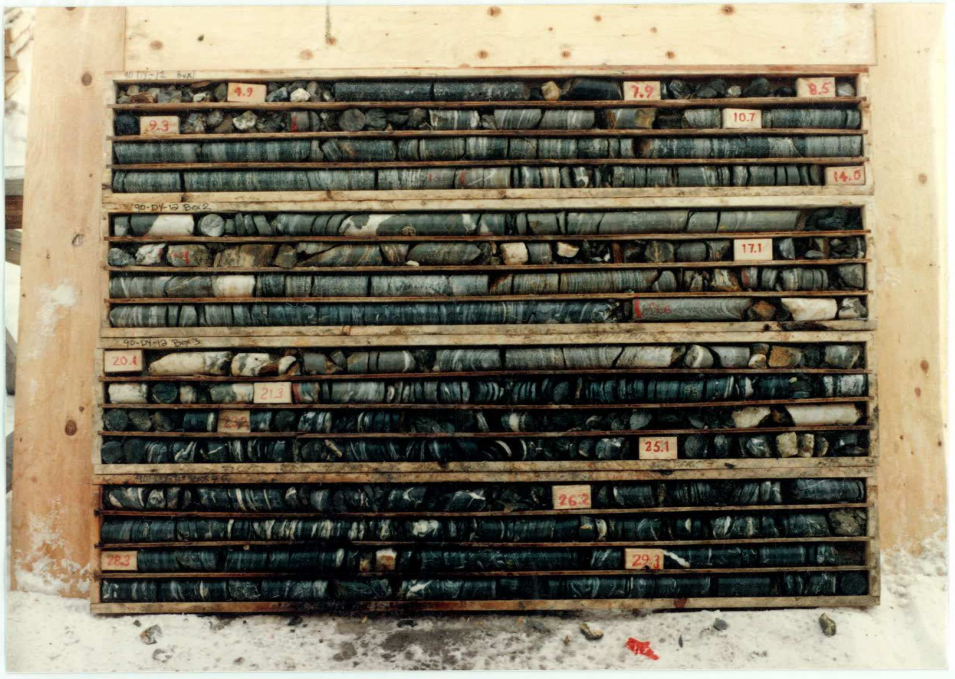
Units: Feet / Metres Date: JAN '91 Logged By: J. Zbeetnoff Page ___ of ___

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES ~~0-65~~ 0-~~30~~ 40 No	Rough	Alt	Type	~~30-50~~ 40-65 No	Rough	Alt	Type	~~50-70~~ No	Rough	Alt	Type	65 ~~70~~-90 No	Rough	Alt	Type	Core Size	Comments
0																						NQ	Overburden
4.9	0.1	0																					
7.9	0.7	0.4																					
8.5	0.2	0																					
9.3	0.1	0																					
10.7	1.0	0	R2	9	2	2	15	6	J									14	15	6	S		
14.0	3.1	1.5		9	2													36	10	6	S		
17.1	2.6	0.8		7	3	2	15	6	J									25	10	6	S		
20.1	3.1	0.9		9	2	1	15	6	J	2	15	6	J					37	10	6	S		
21.3	1.6	0.3		6	2					4	15	6	J					15	15	6	S		
23.2	1.3	0		6	1													36	8	6	S		v. stgly brkn ± crush <23.4
25.1	2.0	0.1		6	1					2	12	10	J					54	10	10	S		
26.2	1.2	0		6	1					3	10	6	J					26	10	10	S		
28.3	2.0	0.1		6	1					1	15	6	J					52	8	6	S		
29.3	0.9	0.2		7	1	1	12	6	J									17	10	6	S		
32.3	3.0	0.8		9	1					2	15	6	J					42	10	6	S		
35.4	2.6	0.25		7	1	1	15	13	J									45	10	13	S		locally crushed
36.0	0.9	0		6	2													21	10	6	S		locally crushed
38.1	1.8	0.4	R1	9	4	2	12	13	J	3	12	13	J					12	12	13	S		
41.1	2.6	0.9	R2	9	3	2	14	6	J	3	14	6	J/S					16	12	6	S		
43.9	2.6	0.7		9	3	3	12	6	J	2	12	6	J					31	10	6	S		
46.9	2.9	1.8		11	3	2	12	6	J	2	12	6	J					19	12	6	S		
47.85	0.8	0.1		6	4	1	15	13	J									14	12	13	S		locally v. stgly brkn
50.6	3.0	0.35		9	3	2	15	6	J	4	15	6	J					38	8	6	S		
52.7	1.8	0.5		7	3	4	15	6	J	3	15	6	J					28	8	6	S		
54.4	2.0	0.1		7	2	2	12	6	J	12	8	6	S					10	8	6	S		
57.4	3.1	1.1		9	2	3	15	6	J	11	10	6	S					5	8	6	S		
59.7	2.1	0.1		7	3	2	12	10	J	5	12	10	S					28	8	10	S		locally crushed
62.8	3.1	0.6		9	2	2	12		J									49	8	6	S		
65.8	3.1	1.6		10	2	2	15		J									29	8	6	S		
68.9	3.3	0.4		9	2					2	15	6	J					30	8	6	S		

EOH

90DY-12 Plot 2













90 DY-12 P2 of 2

CYPRUS ANVIL MINING CORPORATION

Page 1 of _____

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90 DY-13

Reference Fabric Orientation Diagram:

Project: DY DECLINE

Location: Dy

Claim: _____

Terr.Plane Co-ords.: 6899574.4 N

597645.8 E

Grid Co-ords: _____

Elevation: 874.22

All symmetry determinations looking

Total Depth: 100.6 m

_____ with _____ dipping

Inclination: -90 @ Collar

_____ with dip azimuth _____.

Purpose: TEST ROCK QUALITY ALONG TRACE OF DECLINE

Reason hole Terminated: Appropriate depth reached

Logged by: [illegible]

Date(s) Logged: _____

Drilling Contractor: E. CARON DD

Size	CORE From	To
CASING	0.0	16.5
	16.5	100.6

Collar Cased and Capped: _____

Hole Cemented: No

Steel down [illegible]: No

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90DY-13 (2 — 8)

Date: _____ Logged By: _____

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 — 8	10 — 14	22 — 26	28 — 32	34 — 56
R					ATCOLLAR
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

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

DDH DY-13 (2 — 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 91 Logged By: J. Sechtoff

Code	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
	0.0	16.5			1.1A	CASING: Sand rubble and IDE boulders commonly 15-20 cm thick. CASING removed.
	16.5	17.3			5B0	2 Medium to medium dark gray phyllite is moderately calcareous, slightly carbonaceous and contains a well developed CS_2 fabric. Rock is moderately to moderately-strongly broken, recovery is good. Rock is moderately hard to slightly hard. Upper contact is broken, lower contact is sharp and parallel S_2
	17.3	22.0			5C6	(5D6) 97:03 Medium grayish green unit is non-calcareous weakly foliated and often hosts 2-5 cm bands of 5D6. Two rock types indicate broad open folding through 19.2 - 20.7. 5C6 hosts 10-30% very fine grained buff mineral - leucoxene(?) and 0-5% 1-2mm chloritized mafic minerals stretched into wisps along S_2. Interval contacts are sharp. Rock is slightly hard to slightly soft, generally strongly broken rock crushed and very slightly broken through 19.2 - 22.0. Recovery is good. Upper and lower contacts are sharp and parallel S_2

DDH CDX-13

CURRAGH RESOURCES INC.

Lithologic Log

Page 4

Date: JAN '90 Logged By: J. Sweetnam

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
	22.0	33.2			5BQ	(5BQ2) 80:20. Medium to slightly medium dark gray, moderately to slightly strongly calcareous phyllite is CS, foliated. Unit hosts 1% clotty Py and 0-2% quartz-calcite stringers of variable orientation. Oxidation is sporadic and weak over 27.5 - 31.5. 5BQ2 units are weakly to very weakly carbonaceous and are commonly 3-5cm wide. Contacts are parallel S_2 and sharp. All units are moderately soft, moderately broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2
	33.2	33.9			5CQ	(5DQ) 60:40 Medium green to medium light grayish green units are moderately, locally slightly calcareous, PS_2 foliated and either contain a weakly preserved igneous texture (5CQ) or are massive (5DQ). 5DQ occurs uniquely at 33.6 - 33.9. All units are slightly hard and moderately broken, recovery is good. All contacts are sharp and parallel S_2.

DDH CDY-13

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN 91 Logged By: J. Zbednoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	33.0	40.0			5B9	(5B20 : 5B2 : 5D0) 74:15:10:01
						Color varies from medium gray to dark gray. All units are strongly calcareous rarely moderately calcareous. PS_2 foliation is more common than CS_2. Oxidation is common over 35.9 - 39.6. Oxidation is generally weak, rarely moderately, very rarely strong. Strong oxidation occurs over widths <2 - 3cm.
						Carbonaceous content varies greatly in bands on the cm scale, very rarely over the dm scale, within 5B0 unit. 5D0 occurs at 34.5 - 34.6. Contacts with 5D0 and 5B2 are sharp and parallel S_2. 5B20 contacts are commonly gradational with 5B0 and 5B2.
						All units are moderately to slightly, sub moderately to strongly broken with good recovery throughout. Upper and lower contacts of interval are sharp and parallel S_2.
	40.0	50.6			5C9	(5D0) 95:05
						Medium green moderately, locally strongly calcareous unit contains a well preserved igneous texture with 5 - 10% 1-2mm weakly chloritized matic clasts slightly elongated parallel a weak to moderate PS_2 fabric. Unit hosts trace - 20% fine grained

DDH 96-Y-13

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN'91 Logged By: I. Seethoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						lvecoxene (?), and rare bands (5cm) of 5DO.
						5DO also occurs at the upper contact at 40.0 - 40.4.
						5DO are also moderately calcareous. Rocks
						vary from slightly hard to slightly soft and
						is typically slightly broken. Oxidation is very
						rare <5 cm and is moderately strong or less.
						all contacts are sharp and parallel S_0.
	50.6	51.9			5DQ1	(5F01: 5C0) 70:25:05
						Medium light green to medium light olive green, moderately
						calcareous rock is commonly S_0 foliated, rarely CS_0
						foliated. Difficulty exists in determining the difference
						from 5F0 and 5DO. A single band of 5C0 with
						a well preserved igneous texture exist at 50.9 to
						51.0. All units except 5C0 are moderately to
						strongly silicified above 51.5. Rock is
						generally hard and slightly broken; moderately
						broken and slightly to moderately soft where
						silicification is absent. Upper and lower contacts
						are sharp and parallel S_0.

DDH 90-4-13

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	51.9	59.4			5B9	(5E0) 95:05.
						Medium to medium light gray, strongly, locally intensely calcareous (5E0) commonly CS_2 foliated locally PS_2 foliated phyllite is very sporadically oxidized oxidation is very weak where present. Intensly calcareous bands are from 1.5 to 4.0 cm wide, contain sharp contacts and are parallel S_1. 5B0 units are moderately soft, 5E0 are slightly soft. Interval is moderately broken, recovery is good. Upper and lower contacts are sharp and parallel S_2
	59.4	60.1			5F9	±1
						Medium grayish green, moderately to strongly calcareous phyllite is generally weakly CS_2 foliated (re $CS_2 \Rightarrow PS_2$). Silicification is moderate and limited to rocks below 59.8. Non-silicified rocks are slightly soft silicified rocks are hard. Interval is slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2
	60.1	66.9			5G9	
						Medium green, moderately to strongly calcareous unit contains a well preserved igneous texture. Unit

DDH 92-Y-13 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 91 Logged By: J. Sectarr

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						hosts 3-7% 1-3mm weakly chloritized mafic minerals elongated parallel to the weak to rarely moderate PS_2 fabric. Leucoxene is common constituting 5-10% of unit. Oxidation is sporadic and commonly weak very rarely moderate. Interval is slightly broken with good recovery throughout. Upper contact is sharp parallel S_2 and is represented by a strong PS_2 fabric and fine grained nature over 25cm (500?) lower contact is sharp and parallel S_2
	66.9	67.5			5F9	(500) 70:30
						Medium light green moderately calcareous interval consists of PS_2 foliated 500 above 67.1 and CS_2 foliated 5F0 below. Rock is moderately broken with good recovery. Both units are slightly soft. All contacts are sharp and parallel S_2.
	67.5	82.4			5B0	+/- → 5B02 (5B20) 85:15
						Medium to slightly medium dark gray strongly calcareous phyllite is generally very weakly carbonaceous although not enough to allow the 5B02 definition. Unit is commonly CS_2 foliated and hosts 3-5% quartz calcite veinlets and clots of variable orientation. Oxidation

DDH CDV-13

CURRAGH RESOURCES INC.

Lithologic Log

Page 9

Date: JAN '91 Logged By: J. Shedlock

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						is rare and weak. Py is rare <1%. Rock is moderately soft, moderately broken, rarely strongly broken. Minor gouge occurs in 3-4cm bands at 77.9-78.3. Upper and lower contacts are sharp and parallel S_2
	84.2	100.6			5C0	
						Medium green, strongly calcareous unit contains a very well preserved igneous texture with a weak to slightly moderate PS_2 fabric. Unit contains 3-10% weakly chloritized 1-3mm matic grains and trace-20% leucocrene (<1mm). Interval is slightly soft slightly broken rarely strongly broken. At 96.6 to 94.9 40% of interval is strongly broken and moderately oxidized along fracture planes. Recovery is good throughout. Upper contact is sharp parallel S_2 and noted as containing a very strong PS_2 fabric and a very poorly preserved to not recognisable igneous texture over 0.6m, (possible SDD?) lower contact has not been cored.
		100.6				END OF HOLE

C.R.I. 1987 E-3A

DDH 90DX-13 (2–8)

CURRAGH RESOURCES INC.
Structural Log

Page 10 of

Date: JAN '91 Logged By: J Zsectroff

Code	From	To	Feature	Sym	S_0 L3 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	
		19.9	(?)	M				Open folds of 5CO/5DO
								assumed to be S_2 related?
								Fold axial plane @ ~90°
								TCA.
		27.1	CS2	S	023	20 345	65	
		30.8	PS2		005		74	Caotic S_1
		34.8	PS2				70	
		40.7	PS2				62	
		46.7	PS2				80	
		54.1	CS2	S		22 323	70	
		58.3	PS2				73	
		65.6	PS2				75	
		70.2	CS2	S		15 021	81	
		76.6	CS2	S		11 329	81	
		79.2	CS2	S		11 005	49	
		87.6	PS2				55	
		92.1	PS2				46	
		97.5	PS2				52	
								End of Hole @ 100.6

DDH 90DY-13 (2 8)

CURRAGH RESOURCES INC.
Fault Log

Page 11 of

Date: JAN '91 Logged By: I. Zbeetnoff

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	
	0.0	77.9						minor broken intervals
								no faults recorded
	77.9	78.3			42 190	50 —	—	minor gouge bands
								(2-3cm) wide.
	78.3	100.6						No faults recorded
								End of hole

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-13

Units: Feet / Metres Date: Jan '91 Logged By: RW/JZ Page 12 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0-40 / 0=30				30=50 40-60				50=70				60-90 / 70=90				Core Size	Comments
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
0				—																		HQ	Overburden
6.4	0.6	0		—																		NQ	
7.3	0.3	0		—																		HQ	
7.6	0.8	0		—																		HQ	
8.1	0.2	0		—																		NQ	
9.3	0.4	0.2		—																			
10.4	0.2	0		—																			
10.7	0.2	0.1		—																			
14.0	0.2	0		—																			
15.5	0.1	0		—																			
16.3	0.2	0		—																			
16.8	0.8	0	R2	6	1	1	8	6	J	—								4	10	6	J		
18.1	1.2	0.1	R2	7	1	2	10	6	J	—								16	8	6	S		
19.2	0.9	0.1	R3	7	1	2	20	6	J	—								13	20	6	S		
21.9	2.9	1.4	R3	12	1	2	15	10	J	3	15	10	J					18	8	10	S		strongly broken below 20.9
23.0	1.1	0.1	R2	7	1	—				—								19	8	6	S		
26.2	3.2	1.2	|	9	1	—				—								45	9	8	S		
27.6	1.1	0	|	6	1	—				3	15		J					20	9	6	S		
29.3	1.7	0	|	7	1	2	15	6	J	—								24	8	6	S		
32.3	3.0	1.0	|	9	2	2	8	6	J	—								46	8	6	S		
33.8	1.5	0.3	|	9	1	1	10	6	J	—								27	8	6	S		
36.3	2.5	0.1	|	9	2	—				—								41	8	10	S		
38.4	2.1	0.7	|	9	2	2	15	6	J	—								27	8	6	S		
40.1	1.1	0.1	|	6	3	1	8	10	J	—								02	8	10	S		
43.3	3.2	2.1	|	11	1	2	20	6	J	2	20		J					18	20	6	S		
46.5	3.1	2.3	↓	11	2	1	18	6	J	1	18		J					20	18	6	S		
49.7	3.2	2.0		11	1	1	18	6	J	1	18		J					25	18	6	S		
52.9	2.9	1.6	R2/R3	9	1	—				—								34	9	10	S		
56.1	3.1	1.5	R2	10	2	2	8	6	J	—								35	8	6	S		
58.1	2.0	0	R2	7	3	4	12	10	J	—								41	12	10	S		

CURRAGH RESOURCES INC.

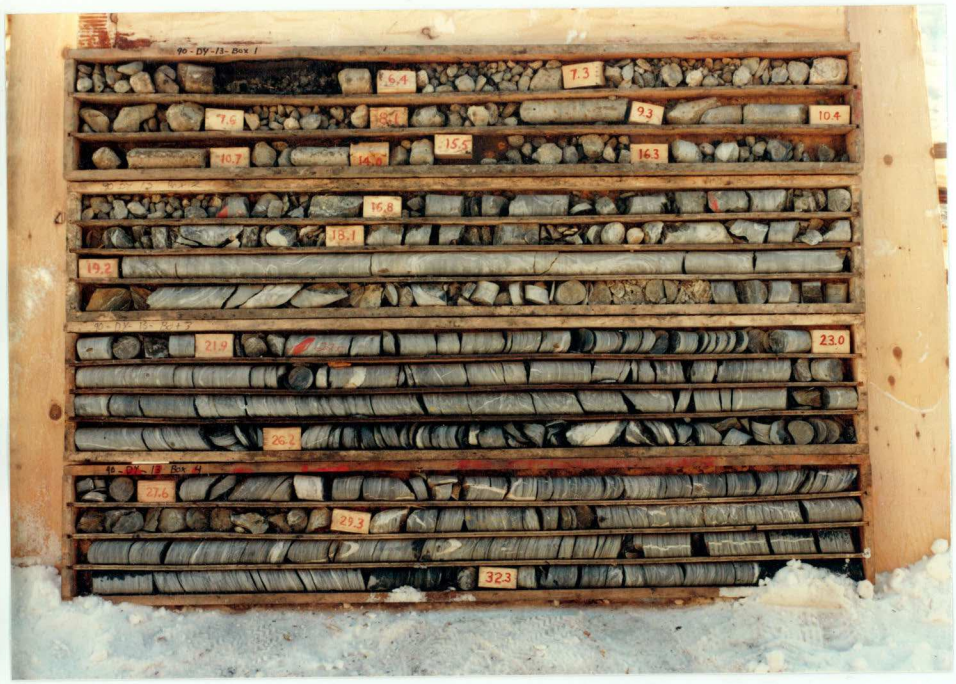
GEOTECHNICAL LOG

DDH# 90DY-13

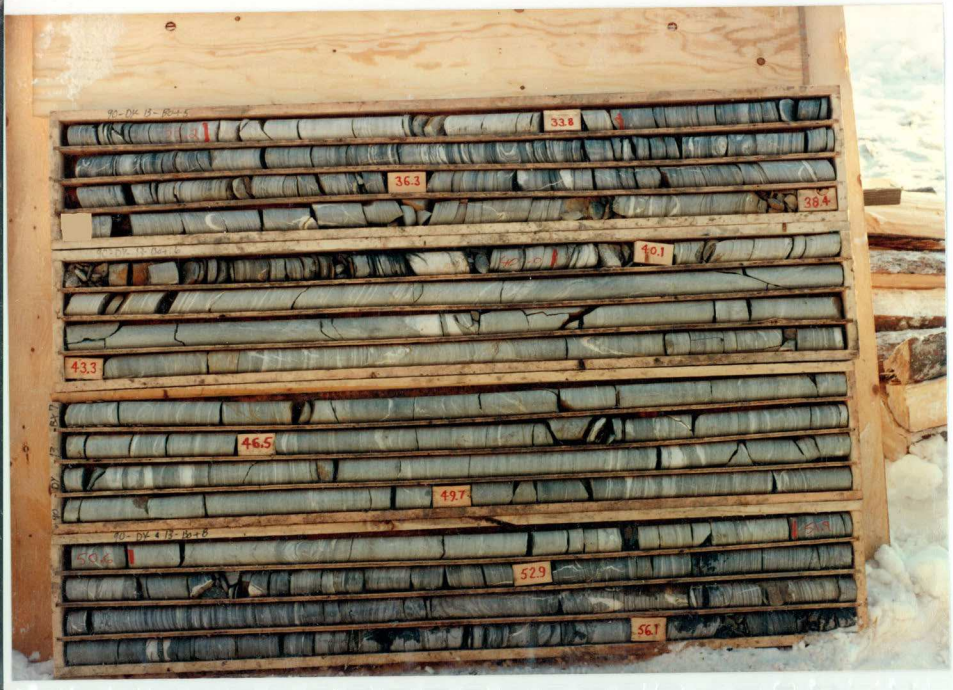
Units: Feet / Metres Date: JAN 91 Logged By: RW/JZ Page 13 of 13

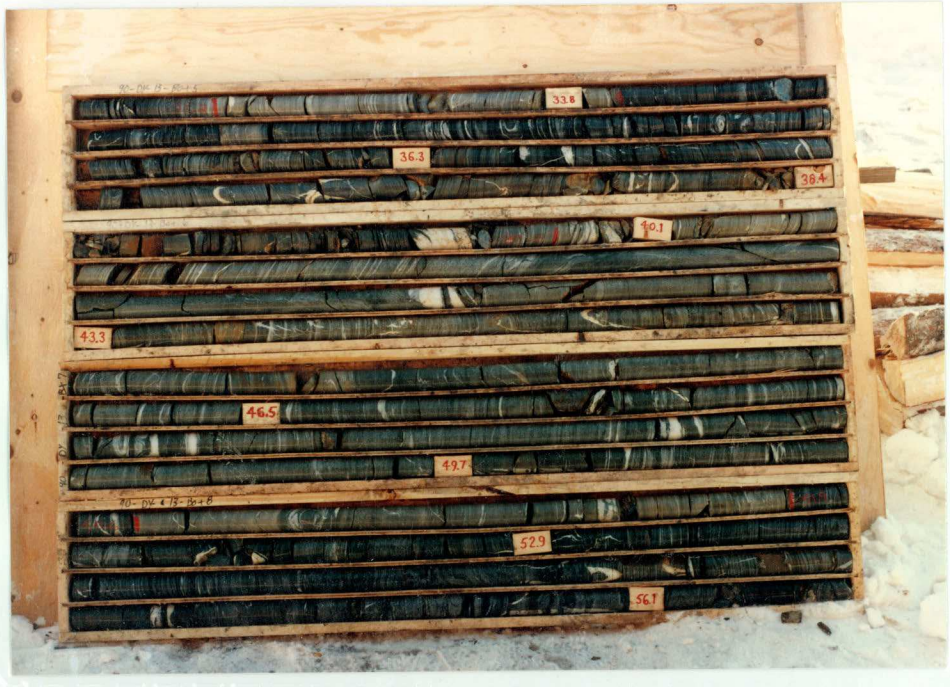
Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0-40																Core Size	Comments
						0-30				30-50 40-60				50-70				60-90					
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
61.3	3.2	2.4	R2	12	1	—	—	—	—	1	15	6	J					17	15	6	S	NQ	
64.5	3.2	2.7		12	1	—	—	—	—	—	—	—	—					10	15	6	S		
67.7	3.2	2.0		11	1	—	—	—	—	3	15	6	J					18	15	6	S		
70.6	2.9	0.4		7	2	—	—	—	—	—	—	—	—					42	10	10	S		
73.9	3.2	0.7		9	1	2	12	6	J	1	12	6	J					37	12	6	S		
77.0	3.1	1.3		9	1	1	12	6	J	—	—	—	—					29	12	6	S		
78.3	1.2	0.1		9	1	—	—	—	—	—	—	—	—					18	10	10	S		Minor gouge bds @ 77.9
80.3	2.0	0.2		9	2	—	—	—	—	—	—	—	—					33	12	10	S		
82.4	2.0	0.3		9	2	—	—	—	—	2	13	6	S					25	13	10	S		
85.0	2.8	1.4		11	2	4	14	6	S	2	14	6	J					22	14	6	S		
87.6	2.6	2.0		13	1	2	18	6	J	5	18	6	J					5	18	6	S		
90.8	3.2	2.9		13	1	—	—	—	—	3	18	6	J					7	18	6	S		
94.0	3.2	2.2		13	2	2	18	6	J	2	18	6	J					5	18	6	S		
97.2	3.3	2.4		13	2	3	10	6	J	1	10	6	J					11	10	6	S		
98.45	1.3	0.6		11	3	2	18	6	J	—	—	—	—					8	18	6	S		
100.6	2.1	1.4	V	12	2	2	18	6	J	—	—	—	—					17	18	6	S	V	
EOH	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

90 DY-13 P, of 2


90-DY-13- Box 1
6.4
7.3
7.6
9.3
10.4
10.7
14.0
15.5
16.3
16.8
18.1
19.2
21.9
23.0
26.2
40-DY-13 Box 4
27.6
29.3
32.3

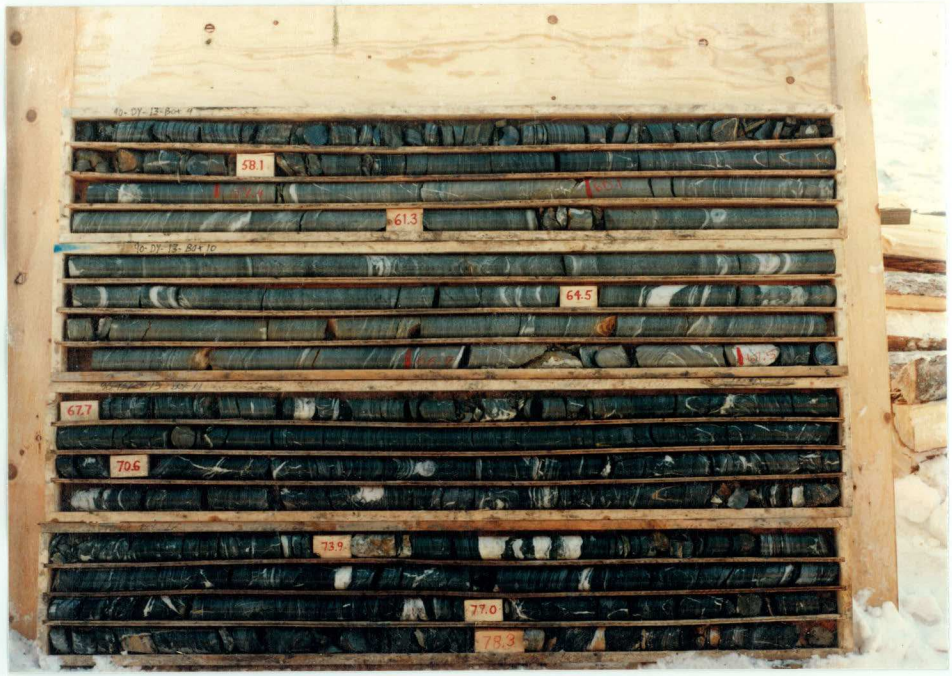

90-DY-13- Box 1
6.4
7.3
7.6
9.3
10.4
10.7
14.0
15.5
16.3
16.8
18.1
19.2
21.9
23.0
26.2
40-DY-13 Box 4
27.6
29.3
32.3


90-DY-13-Box 5
33.8
36.3
38.4
40.1
43.3
46.5
49.7
90-DY-13-Box 6
52.9
56.1


33.8
36.3
38.4
40.1
43.3
46.5
49.7
90-DY-13-Box 6
52.9
56.1

90DY-13 P2 of 2









CURRAGH RESOURCES INC.

Page 1 of ____

DIAMOND DRILL CORE LOG

Date: Jan. 13/91

Hole Number: 90DY-14

Reference Fabric Orientation Diagram:

Project: DY DEPOSIT

Location: DY COLLAR

Claim: _____

Terr.Plane Co-ords.: 899673.90 N

597653.60 E

Grid Co-ords: _____

Elevation: 884.39

All symmetry determinations looking

Total Depth: 125.0 m

_____ with _____ dipping

Inclination: VERTICAL HOLE

_____ with dip azimuth _____.

Purpose: TEST ROCK QUALITY ALONG TRACE AT (PROPOSED) DY DECLINE.

Reason hole Terminated: HOLE REACHED PREDETERMINED DESIRED DEPTH

Logged by: D. HALLIWELL

Date(s) Logged: JAN. 13/91

Drilling Contractor: CARON DIAMOND DRILLING

Hole Cemented: NO

Steel down Hole: NO

Size	CORE From	To
NQ		

Collar Cased and Capped: ____

Assay Lab: NAL

Certificate No's: N. A.

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH _____ (2 – 8)

Date: _____ Logged By: _____

Code	Drillhole (2–8)	Elevation (10–16)	Northing (17–24)	Easting (25–32)	Units (feet/metres) (34–39)	R.F.E. (41–42)	
T	90DY-14	884.39	8996739.00	597653.60	METRES		

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
RR			•	•	AT COLLAR
R			•	•	
R			•	•	
R			•	•

DDH 90DY-14 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 13/91 Logged By: D. HALLIWELL

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	00	49		001	1,1,A	CASING : Glacial Overburden.
						No core.
L	49	111		002	1,1,A	CASING : Glacial Overburden.
						Includes boulders, cobbles and pebbles of 10A > 5F.
L	111	126		003	5B2	(5B0) 80 : 20
						Dark grey to black. Moderately to strongly calcareous phyllite. Strongly PS_2 foliated. Broken and poker chip unit. Silvery grey and ochre (limonite) coloured fractures. Moderately hard. Very poor core recovery, RQD. Sharp lower contact at CA 80° parallel S_2.
						Buff to ochre less carbonaceous and calcareous sub-unit at 11.1-11.2 with PS_2 foliation and ochre to buff coloured fractures.
						→ 5B0
L	126	137		004	5F0	√(5B0)(5B2) 70 : 15 : 15
						Olive greenish light grey. Moderately to strongly calcareous. PS_2 and CS_2 foliated. Silvery grey and ochre (limonite) coloured fractures. Moderately hard. Poor core recovery, RQD. Sharp upper and lower contacts at CA 80°, lower contact marked by quartz veinlet/vein.
						Medium grey less chloritic sub-unit near upper contact is calcareous and has silvery grey coloured fractures. Moderately hard. PS_2 foliated.
						Carbonaceous subunit is dark grey, calcareous and softer.
L	137	163		005	5B2	
						Dark grey carbonaceous phyllite. Moderately to strongly calcareous. Strong PS_2 foliation, producing poker chips locally. Moderately hard. Occasional carbonate-quartz veinlet subparallel S_2. Silvery grey to black, sometimes ochre (limonite) fractures. Very good core recovery. Good RQD. Sharp upper

DDH 90DY-14 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Jan. 13/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						contact at CA 55°. Gradational lower contact.
						~~5F0~~
L	16.3	17.2		006	5B0	~~5F0~~ (5B02) 98.: 02
						Medium grey phyllite with ochre bands (limonite), cut by buff-white carbonate-quartz laminae following S_1. Moderately to strongly calcareous, CS_2 and PS_2 foliated. Silvery grey and ochre (limonite) coloured fractures. Moderately hard. Very good core recovery, RQD. Gradational upper contact. Sharp lower contact at CA 70°-80°. Very weakly chloritic.
						Slightly more carbonaceous sub-unit occurs as bands subparallel S_2 up to 0.1m wide. Dark grey. Moderately calcareous and hard. CS_2 foliated. Silvery grey to black fractures. Gradational contacts with 5B0 → 5F0.
L	17.2	33.3		007	5B2	~~(5B2) (5B) 20.5~~
						Dark grey to black phyllite, with buff-white carbonate-quartz veinlets subparallelling S_2. Moderately to strongly calcareous. Strongly CS_2 and PS_2 foliated. Contains 1-2% pyrite as disseminated euhedral to subhedral crystals (<3mm) and as bands (<2mm wide) sub.parallel $S_2 \geq S_1$. (Pyrite sometimes is altering to limonite). Moderately hard to soft. Silvery grey black (graphite), ochre (limonite after pyrite?) and rare brick red (hematite) colours on fractures. Very good core recovery. Good RQD. Sharp upper contact. Gradational lower one.
						Carbonate-quartz vein/veinlet bearing 5B2 occurs above 20.5. Buff-white, hard, calcareous (calcite). PS_2 foliated. Gradational contacts with 5B2;
						Medium grey ~~carbonate~~ quartz vein subunit at 32.8-33.0 moderately calcareous, hard, ochre-stained and has gradational contacts with 5B2.

DDH 90DY-14 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Jan 13/91 Logged By: D. HALLIWELL

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	313	350		018	5B20	→ 5B2
						Medium to dark grey. Moderately to strongly calcareous. CS_2 foliated. Silvery grey and ochre (limonite) coloured surfaces. Moderately hard to hard (silicified). Contains trace disseminated pyrite and carbonate-quartz bands/laminae parallel S_2. Very good core recovery, RQD. Gradational upper contact. Sharp lower contact at CA 80°.
L	350	364		009	5CA	
						Medium grey with yellowish-grey bleached colour. Moderately calcareous. Moderately hard (weakly silicified). Silvery grey and ochre (limonite) colour on fractures. PS_2 foliated. Contains trace disseminated pyrite. Retains relict porphyritic igneous texture. Dark grey subhedral (pyroxene?) phenocrysts present. Very good core recovery, RQD. Sharp upper and lower contacts at CA 80° parallel S_2.
L	364	424		010	5B2	(5D0) 95:5
						Dark grey phyllite. Moderately to strongly calcareous. CS_2 and PS_2 foliated. Silvery grey, black (carbonaceous material) and ochre (limonite) colour on fractures. Soft to moderately hard. Contains 1-2% disseminated euhedral (cubes) to subhedral pyrite (< 5mm) as blebs and and calcite replacement patches (?). Very good core recovery. Good RQD. Sharp upper and lower contacts at CA 80° parallel S_2.
						Chloritic phyllite subunit at 41.1 - 41.2 is olive greenish grey, is calcareous, has PS_2, is moderately hard and has sharp contacts parallel S_2.

DDH 90DY-14 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 13/91 Logged By: D. HALLIWELL

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	424	456		Ø11	5CO	(5B20 : 5D0) 97 : 02 : 01
						Light olive-greenish grey. Moderately to strongly calcareous. PS_2 foliated, with carbonate-quartz bands/laminae (<0.7mm) parallel S_2. Stretched dark grey anhedral phenocrysts present suggest possible relict porphyritic igneous texture. Moderately hard to hard (quartz). Silvery grey and ochre (limonite) coloured fractures. Trace disseminated pyrite. Very good core recovery, RQD. Gradational upper and lower contacts subparallel S_2.
L	456	575		Ø12	5B20	(5B2 : 5B5) 70 : 5 : 25
						Medium to dark grey, with buff-white carbonate-quartz veinlets parallel both S_1 and S_2. Strongly to moderately calcareous. CS_2 foliated. Silvery grey and ochre (limonite) coloured fractures. Moderately hard. Trace disseminated pyrite as subhedral to euhedral crystals (< 2mm). More calcite-quartz below 46.9. Very good core recovery. Good RQD. Gradational contacts subparallel S_2.
						Dark grey, calcareous, moderately hard subunit throughout 5B2. 5B5 → Occurs below 53.1 as "zebra-stripes" banded sub-unit with alternating 5BØ and 5BØ2. Moderately calcareous and hard. PS_2 and CS_2 foliated. Silvery grey and ochre (limonite) colour on fractures. Contains trace disseminated pyrite. Gradational contacts with 5BØ2.
L	575	616		Ø13	5FO	± 1

DDH 90DY-14
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN. 13/91 Logged By: D. HALLIWELL

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Light -greenish grey with slight yellowish-grey bleached appearance. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey and ochre (limonite) colour on fractures. Moderately hard. Stretched dark grey anhedral phenocrysts are locally present, suggesting relict porphyrytic igneous texture (unit may be transitional between phyllites and metabasites). Carbonate-quartz veins/veinlets cross-cut S_2 foliation. Very good core recovery, RQD. Sharp upper contact at CA 70° marked by minor limonitic gouge. Sharp lower contact marked by quartz veinlet/vein at CA 20°-55° (convolute).
L	606	679		Ø14	5CO	~~[illegible] (5CO)~~ rarely non calcareous
						Medium greenish grey. Moderately to weakly calcareous. Weakly PS_2 foliated to massive. Stretched dark grey subhedral phenocrysts of amphibole or pyroxene and rarer white anhedral (leucoxene?) phenocrysts set in a medium grey groundmass in relict porphyrytic igneous texture. Soft to moderately hard. Rare Carbonate-quartz laminae likely follow S_1 foliation. Very good core recovery, RQD. Sharp upper contact is convolute (CA 20°-55°) and marked by quartz veinlet/vein. Lower contact is sharp, convolute (CA 30°-60°) and marked by quartz. Silicified subunit occurs below 66.4m contains buff-white quartz-carbonate veining (flooding?) subparallel S_2. Brecciated appearance. Moderately hard to hard. Contains limonitized fractures at CA 30°-80° at 65.8-66.2.
L	679	774		Ø15	5CO	

DDH 90DY-14 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN. 13/91 Logged By: D. HALLIWELL

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Medium greenish grey groundmass with dark green-grey stretched subhedral mafic (amphibole, pyroxene?) phenocrysts are rarer white anhedral (leucoxene?) phenocrysts. Relict porphyrytic igneous texture. Moderately hard. Very good core recovery, RQD. Sharp convolute upper contact at CA 30°-60° marked by quartz vein or band. Moderately sharp lower contact at CA 80° with possible chill margin (not seen at upper contact ⇒ sill, not dyke). Moderately calcareous. Grey and ochre fracture surfaces. Weak PS_2 foliation.
L	7.74	7.85		Ø16	5CO	
						Medium greenish-grey groundmass with dark green and white phenocrysts as above. Moderately calcareous. Grey and ochre (limonitic) fracture surfaces. Weak PS_2 foliation. Relict porphyritic igneous texture. Quartz-carbonate bands/laminae parallel S_2 and sometimes cross-cutting S_2. Moderately hard to hard. Good to very good core recovery. RQD. Sharp convolute upper contact at CA 80° marked by quartz band. Gradational lower contact.
L	7.85	8Ø.4		Ø17	5CO	
						Medium greenish grey groundmass with stretched dark grey subhedral and rare white anhedral phenocrysts as above in a relict porphyrytic igneous texture. Occasional buff-white bands/laminae subparallel S_2. Moderately calcareous. Weak PS_2 foliation. Moderately hard. Very good core recovery, RQD. Gradational upper and lower contacts.
L	8Ø.4	9.55		Ø18	5CO	

DDH 90.DY.-14 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN. 13/91 Logged By: D. HALLIWELL

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Light greenish-grey groundmass with sometimes stretched dark grey (pyroxene or amphibole ?) phenocrysts and lesser white (leucoxene ?) phenocrysts with a relict porphyritic igneous texture. Moderately to strongly calcareous. Weak PS_2 foliation. Grey and ochre (limonite) coloured fractures. Moderately hard to hard. Locally, quartz±carbonate bands/laminae parallel S_2 and rock within these/adjacent to these is harder, smoother (~~schistose?~~). Very good core recovery. Good to very good RQD. Gradational upper and lower contacts
L	95.5	99.7		Ø1.9	5CO1	(5FQ) 85:15
						Light greenish to yellow-greenish grey. Moderately calcareous. Moderate PS_2 foliation. Grey, ochre (limonite), yellow (limonitic clay, in gouge at 95.7) fracture surfaces. Moderately hard. Coatings quartz±carbonate bands (laminae) which are white, hard. Very good core recovery. Good RQD. Gradational upper contact. Sharp lower contact at CA 70° marked by limonitic-clay fault(?) gouge.
						5FQ at 98.8-99.7 has greenish grey colour, is calcareous and moderately hard. Strong CS_2 foliation. Silver grey and ochre fracture surfaces.
L	99.7	107.9		Ø2Ø	5BØ2	(5B20) 90:10
						Dark grey to black weakly carbonaceous phyllite with white carbonate/quartz bands/laminae. Moderately to strongly calcareous. Strong CS_2 foliation. Silvery grey and ochre (limonite) fracture surfaces. Moderately hard to hard. Very good core recovery. Good RQD. Sharp upper and lower

DDH 90DY-14 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 13/91 Logged By: D. HALLIWELL

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						contacts subparallel S_2 and marked by quartz bands.
L	1079	1105		021	5BQ	2(5B02) 70:30
						Medium to dark grey with buff-white carbonate-quartz bands/laminae. Moderately calcareous. Strongly CS_2 foliated. Silvery grey and ochre (limonite) fractures. Moderately hard to hard (where silicified). Clay-chlorite-limonite minor fault gouge at CA60° at 109.3-109.5. Very good core recovery. Fair RQD. Sharp upper and lower contacts subparallel S_2 marked by quartz-carbonate bands.
						Medium to dark v. oily carbonaceous phyllite sub-unit is calcareous, CS_2 foliated, moderately hard and has silvery grey and ochre (limonite) fracture surfaces. Gradational contacts with 5B17.
L	1105	1228		022	5B10	(5B02 ~~5F0~~) 65:30:05
						Medium grey with buff-white quartz-carbonate bands/laminae. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey and ochre (limonite) fracture surfaces. Moderately hard to hard (quartz). Fair core recovery (some core loss at 116.3-121.6). Fair to good RQD. Sharp upper contact subparallel S_2 and marked by quartz band. Gradational lower contact. Trace disseminated pyrite.
						Dark grey more carbonaceous sub-unit is calcareous, CS_2 and PS_2 foliated, moderately hard and has silvery grey, dark grey and ochre (limonite) fracture surfaces. Gradational contacts with 5BQ.
						Olive-greenish grey chloritic sub-unit is calcareous, CS_2 foliated, moderately hard and has silvery grey, olive green and ochre (limonite) fracture surfaces. Sharp contacts parallel S_2 with 5BQ.

DDH 90DV-14

CURRAGH RESOURCES INC.

Lithologic Log

Date: Jan. 14/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	122.8	123.2		023	5BØ	→ 5FØ Medium to light grey with yellowish-grey tint. Buff-white quartz-carbonate bands following S_2 and laminae following S_1. Moderately calcareous. C_2 and PS_2 foliated. Moderately hard to hard (where silicified). Good core recovery. Fair RQD. Sharp upper and lower contacts parallel S_2.
L	123.2	125.0		024	5BØ2	Dark grey with buff-white quartz-carbonate bands/laminae subparallel S_2 foliation. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey and ochre (limonite) fracture surfaces. Moderately hard to hard (quartz). Very good core recovery, RQD. Trace disseminated pyrite. Sharp upper contact parallel S_2.
						125.Ø = EOH

DDH 90DY-14 (2–8)

CURRAGH RESOURCES INC.
Structural Log

Page 12 of ____

Date: JAN '91 Logged By: J. Zbectnoff

Code	From	To	Feature	Sym	L_3 Dip	L_3 Direct.	S_1 Dip	S_1 Direct.	S_2 Dip	S_2 Direct	Description
1	10–14	16–20	22–24	26	28	32	34	38	40	44	
		15.6	CS2	S		170	20	277	80		L4 => 101
		20.6	CS2	Z		015	15	197	70		
		25.1	PS2						75		erratic CS_2
		30.4	PS2						81		erratic CS_2
		36.9	PS2						87		
		41.4	PS2						80		
		48.0	CS2	Z		022	15	202	73		
		52.3	CS2	S		020	26	014	88		
		57.1	CS2	Z		—	12	175	70		
		65.5	PS2						58		
		69.6	PS2						32		Possibl. S_1
		75.3	PS2						57		
		81.1	PS2						82		
		86.6	PS2						74		
		92.5	PS2						65		
		97.9	PS2						65		
		106.8	CS2	S		006	10	005	78		
		108.6	CS2	S		011	20	355	70		
		114.6	CS2	S		007	18	350	58		
		122.3	CS2	Z		175	13	170	72		
											END OF HOLE

DDH 90 PY-14 (2 8)

CURRAGH RESOURCES INC.

Fault Log

Date: JAN '91 Logged By: P. Ebert

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	
								No FAULTS encountered, rare bands of mud <10cm wide are parallel S_2
								END OF HOLE

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-14

Units: Feet / Metres Date: JAN. 14/91 Logged By: D. HALLIWELL Page 14 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES w.r.t. CA 0–30 No	Rough	Alt	Type	30–60 No	Rough	Alt	Type	50–70 No	Rough	Alt	Type	60–90 No	Rough	Alt	Type	Core Size	Comments
4.9	0.1	0	R4	1	1	Ø	—	—	—	Ø	—	—	—					1	11	6.Ø	S	NQ	boulders in o/B
7.9	0.3	0	R3	1	2	3	7	3.Ø	J	3	7	3.Ø	J					4	7	3.Ø	S		
8.8	0.1	0	R3	1	2	3	7	2.Ø	J	3	7	2.Ø	J					4	7	2.Ø	S		
10.1	0.5	0	R3	1	2	6	7	3.Ø	J	6	7	3.Ø	J					8	7	3.Ø	S		
11.0	0.2	0	R3	5	2	1	9	3.Ø	J	1	9	3.Ø	J					2	9	3.Ø	S		
12.6	0.5	0	R1	2	3	6	5	6.Ø	G	6	10	6.Ø	J					8	10	6.Ø	S		
14.0	1.2	0	R2	8	1	1	12	10.Ø	J	1	15	9.Ø	J					20	12	6.Ø	S		
17.1	3.1	0.4	R2	7	3	1	15	10.Ø	J	1	15	10.Ø	J					90	8	3.Ø	S		
20.1	3.0	0.5	R2	8	3	1	12	10.Ø	J	3	12	10.Ø	J					52	8	3.Ø	S		
21.3	1.5	0.1	R2	7	2	1	15	10.Ø	J	1	15	10.Ø	J					39	14	6.Ø	S		
23.5	1.4	0.3	R2	8	1	1	9	10.Ø	J	Ø	—	—	—					26	12	6.Ø	S/G		graphitic gouge at 23.5
26.2	3.0	0	R2	9	2	1	8	10.Ø	J	1	11	10.Ø	J					70	12	6.Ø	S		
28.7	2.5	0	R2	8	1	1	14	10.Ø	J	1	14	10.Ø	J					70	12	6.Ø	S/G		graphitic gouge at 27.7
32.0	3.2	1.2	R2	9	2	2	12	10.Ø	J	Ø	—	—	—					40	10	6.Ø	S		
35.4	3.2	1.5	R2	10	2	1	12	10.Ø	J	Ø	—	—	—					41	11	6.Ø	S		
38.4	2.9	1.0	R3	10	2	2	10	10.Ø	J	1	12	10.Ø	J					45	12	6.Ø	S		
41.45	3.1	1.4	R2	9	2	4	12	10.Ø	J	2	14	10.Ø	J					46	12	10.Ø	S		
44.5	3.0	2.1	R3	11	2	2	14	10.Ø	J	Ø	—	—	—					24	12	10.Ø	S		
47.5	2.6	1.2	R3	10	1	1	8	10.Ø	J	1	16	10.Ø	J					30	9	6.Ø	S		
50.6	3.2	1.2	R2	9	1	Ø	—	—	—	2	16	10.Ø	J					39	8	6.Ø	S		
53.6	3.0	0.8	R2	9	2	4	14	10.Ø	J	1	16	10.Ø	J					40	12	6.Ø	S		
56.7	3.0	2.1	R2	11	2	Ø	—	—	—	1	14	10.Ø	J					28	12	10.Ø	S		
59.7	2.9	1.4	R3	11	2	3	14	10.Ø	J	1	8	10.Ø	J					37	12	8.Ø	S		
62.8	3.1	2.4	R4	12	1	1	14	10.Ø	J	1	16	10.Ø	J					15	8	10.Ø	S		
65.8	2.9	2.6	R4	4	1	Ø	—	—	—	Ø	—	—	—					9	8	10.Ø	S		
68.9	3.2	1.8	R3	12	3	2	14	10.Ø	J	2	16	10.Ø	J					9	14	10.Ø	S		
70.9	1.8	1.1	R2	11	3	3	14	10.Ø	J	2	14	10.Ø	J					7	12	10.Ø	S		
73.6	2.5	2.1	R3	12	2	1	12	10.Ø	J	Ø	—	—	—					10	12	10.Ø	S		
76.8	3.1	2.5	R4	11	1	Ø	—	—	—	3	14	10.Ø	J					13	12	10.Ø	S		
78.0	1.5	0.9	R4	12	1	2	14	10.Ø	J	3	14	10.Ø	J					11	14	10.Ø	S		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

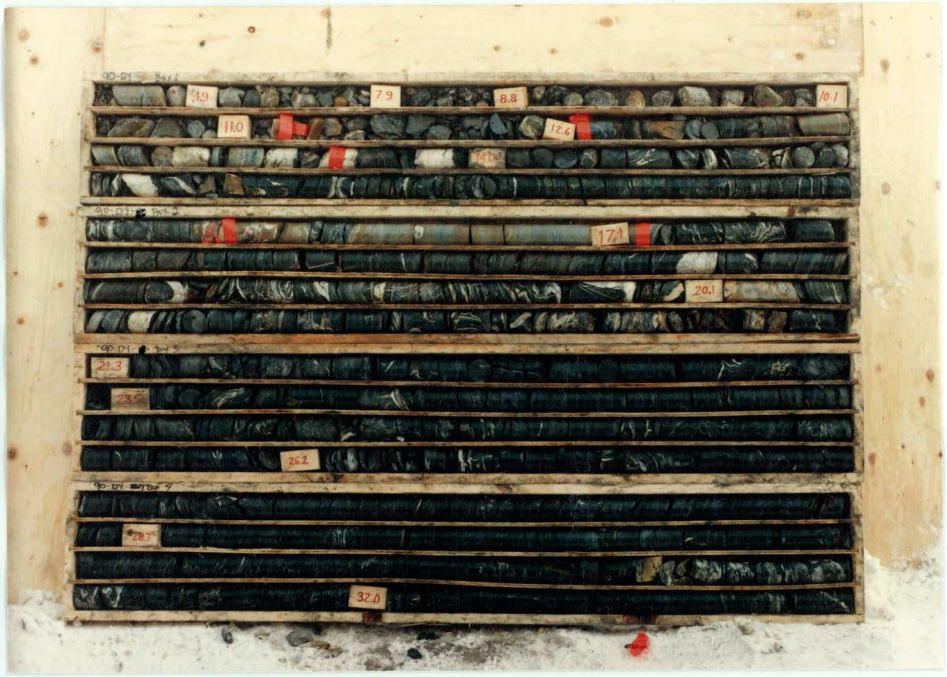
DDH# 90DY-14

Units: Feet / Metres Date: JAN. 14/91 Logged By: D. HALLIWELL Page 15 of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES w.r.t CA																Core Size	Comments
						0–30				30–50				50–70				70–90					
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
79.6	1.3	0.3	R4	10	3	2	16	10.0	J	Ø	–	–	–					17	10.	9.0	S	NQ	
82.6	3.1	2.3	R4	12	2	1	14	10.0	J	1	16	10.0	J					19	8.	10.0	S	7	
86.0	3.1	2.3	R3	10	3	3	14	10.0	J	1	16	10.0	J					24	8	6.0	S		
89.2	3.1	2.8	R4	13	1	Ø	–	–	–	Ø	–	–	–					14	8	10.0	S		
91.7	2.6	1.2	R3	11	3	3	14	10.0	J	2	16	8.0	J					25	10	8.0	S		
94.9	3.2	2.2	R3	11	3	1	9	10.0	J	Ø	–	–	–					27	12	7.0	S		
98.1	3.2	1.7	R3	10	3	1	16	10.0	J	Ø	–	–	–					22	9	6.0	S>G		lim gouge at 95.6
100.6	2.2	0.4	R2	9	3	4	16	10.0	J	2	8	8.0	J>G					41	14	6.0	S		lim gouge
103.0	2.3	0.35	R2	9	2	2	16	10.0	J	2	14	8.0	J					35	12	6.0	S		
105.5	2.5	0.8	R2	8	2	3	16	10.0	J	Ø	–	–	–					43	12	6.0	S		
108.5	2.8	1.0	R2	9	2	1	16	10.0	J	2	14	10.0	J					35	12	6.0	S		
110.8	1.6	0.4	R3	8	2	Ø	–	–	–	1	8	10.0	J					20	12	8.0	S>G		chlorite-clay gouge at 109.2
113.1	3.1	0.8	R2	9	1	1	12	10.0	J	1	14	10.0	J					48	13	3.0	S		
116.3	3.3	1.2	R2	11	2	3	14	10.0	J	2	12	10.0	J					30	12	6.0	S		
119.8	2.7	0.8	R2	9	3	3	14	10.0	J	4	16	10.0	J					37	12	6.0	S		
121.6	1.6	0.2	R2	8	2	2	12	10.0	J	Ø	–	–	–					42	14	3.0	S		
122.8	1.2	0.2	R2	8	1	Ø	–	–	–	1	12	10.0	J					20	12	3.0	S		
125.0	2.0	0.5	R2	8	1	1	14	10.0	J	1	16	10.0	J					34	12	3.0	S		

90DY-14 P1 of 3



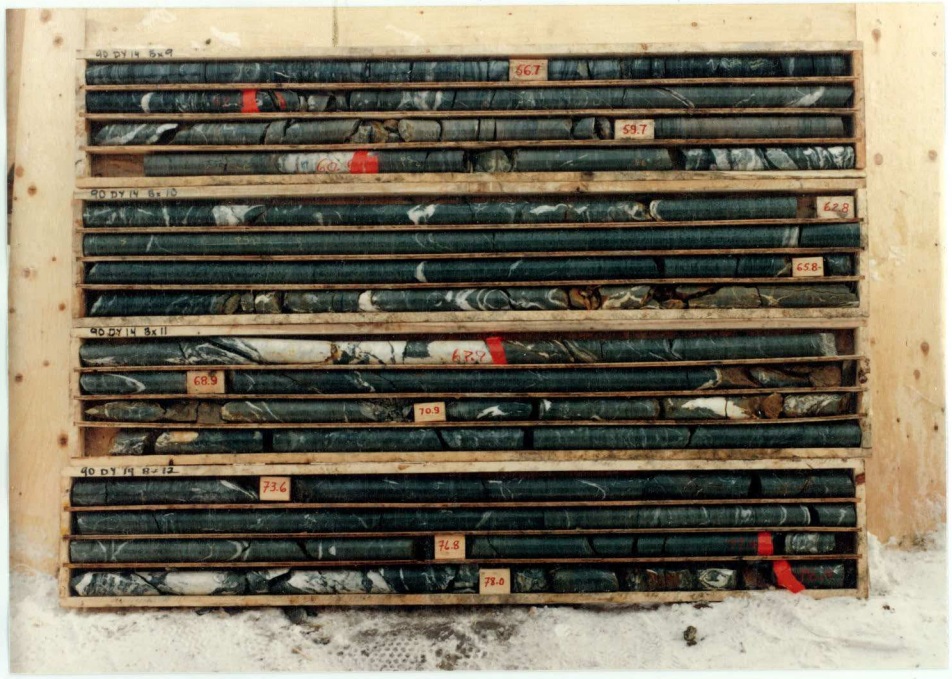




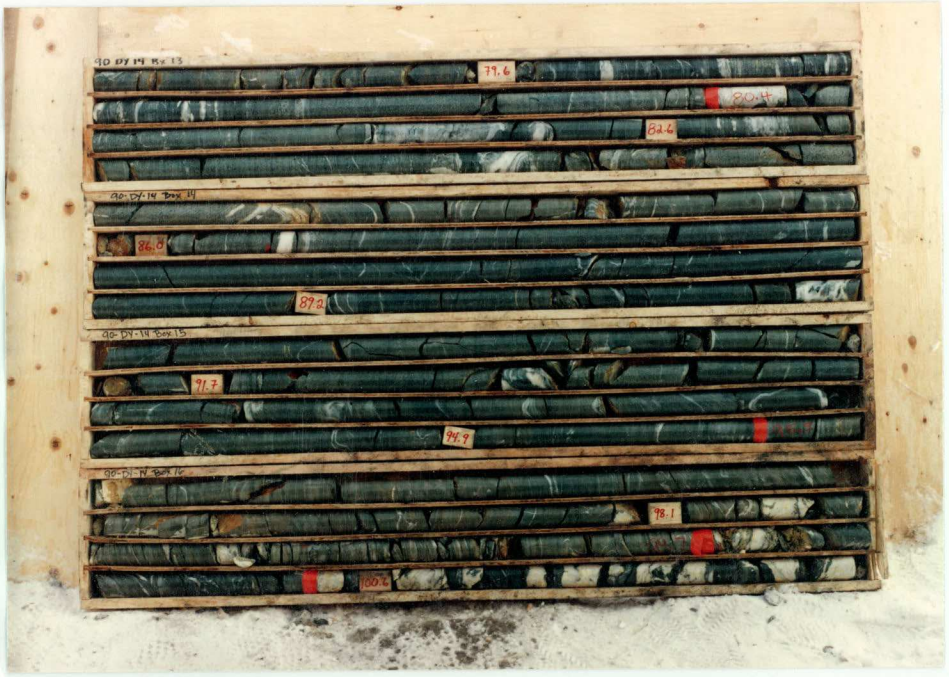


90DY-14 Page 2 of 3

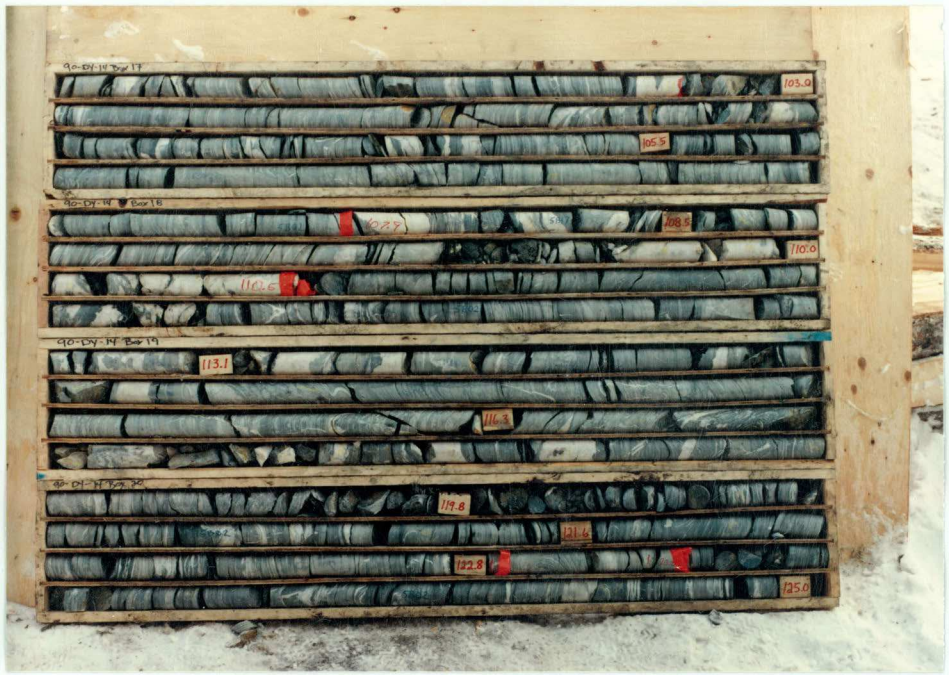


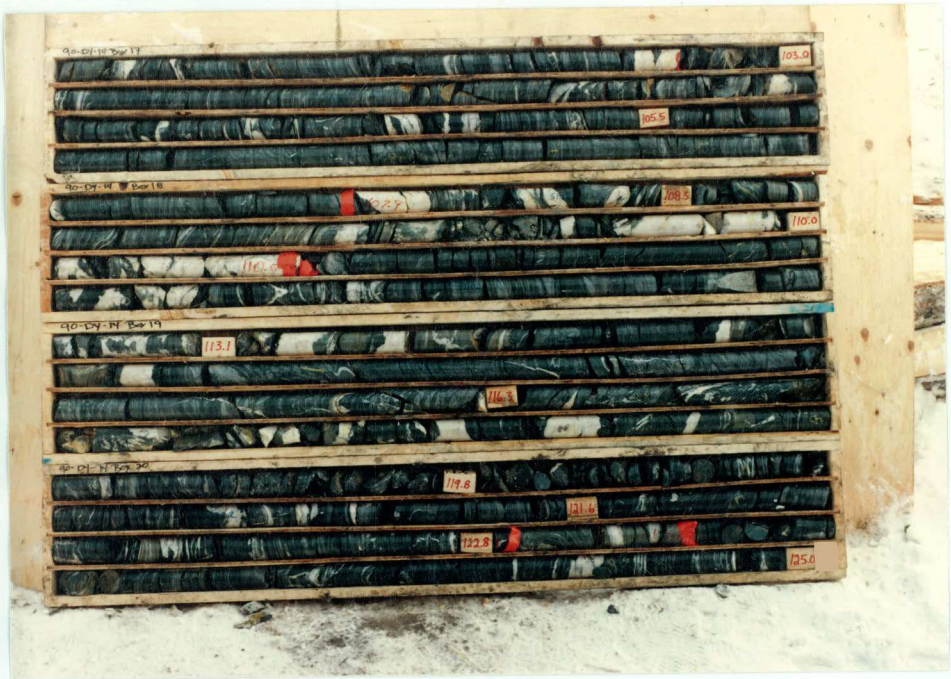






90DY-14 P3 of 3





CURRAGH RESOURCES INC.

Page 1 of 3

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-0B-01

Reference Fabric Orientation Diagram:

Project: DY PROPERTY

Location: ANVIL DISTRICT, FARO, YK.

Claim: _____

Terr.Plane Co-ords.: UTM - 899384.00 N N

UTM - 597630.30 E E

Grid Co-ords: _____

Elevation: 839.90 m

All symmetry determinations looking

Total Depth: 9.5 m

_____ with _____ dipping

Inclination: VERTICAL

_____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

Logged by: J. ZBEETNOFF

Date(s) Logged: _____

Drilling Contractor: E. CARON DIAMOND DRILLING

Size	CORE From	To
CASING ~~#Q~~	0.0	4.6
HQ	4.6	9.4

Collar Cased and Capped: No

Hole Cemented: NO

Steel down Hole: NO

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

_____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90.03-01 (2 / 8)

Date: Dec'90 Logged By: J. Scott

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

Code	Drillhole	Depth		Zenith Angle		True Azimuth	Comments
I	2 8	10	14	22	26	28 32	34 56
R	90.03.01	0.		0-90.		.	AT COLLAR
R				.		.	
R				.		.	
R				.		.

DDH 90-B-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 3 3

Date: _____ Logged By: J. Zuccarelli

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	0.0	4.6			1.1.A	CASING (Casing removed)
	4.6	7.3			5B0	Very strongly broken, good recovery
	7.3	9.4			5B0	moderately broken, good recovery
		9.4				END OF HOLE

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-OB-02

Reference Fabric Orientation Diagram:

Project: DY-PROPERTY

Location: ANVIL DISTRICT FARO YK.

Claim: _____

Terr.Plane Co-ords.: UTM 899385.00 N N

UTM 597639.00 E E

Grid Co-ords: _____

Elevation: 839.7 m

All symmetry determinations looking

Total Depth: 12.5 m _____ with _____ dipping

Inclination: VERTICAL _____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

Logged by: J. ZBEETNOFF

Date(s) Logged: _____

Drilling Contractor: E. CARON DIAMOND DRILLING

	Size	CORE From	To
	CASING	0.0	8.2
	HQ	8.2	12.5

Collar Cased and Capped: No

Hole Cemented: NO

Steel down Hole: NO

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 9006-02 (2 8)

Date: Dec '90 Logged By: J. Zbcrwk

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8	10 14	22 26	28 32	34 56
R	9006-01	0.0	-90.0	.	AT COLLAR
R			.	.	
R			.	.	
R			.	.

DDH 90 WB-02 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: _____ Logged By: J. Beckwith

Code	From	To	Recov.	No.	Unit	Description
	0.0	8.2			111A	CASING (casing removed)
	8.2	10.1			5BO	strongly broken, locally moderately broken, good recovery throughout
	10.1	12.5			5BO	moderately broken, good recovery
		12.5				EOH

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-0B-03

Reference Fabric Orientation Diagram:

Project: DY PROPERTY

Location: ANVIL DISTRICT FARO YK

Claim: _____

Terr.Plane Co-ords.: UTM 899382.8 N N

UTM 597622.1 E E

Grid Co-ords: _____

Elevation: 840.1 m

All symmetry determinations looking

Total Depth: 9.5 m

_____ with _____ dipping

Inclination: VERTICAL

_____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

Logged by: J. ZBEETNOFF

Date(s) Logged: _____

Drilling Contractor: E. CARON DIAMOND DRILLING

Hole Cemented: NO

Steel down Hole: NO

Collar Cased and Capped: No

Size	CORE From	To
~~BQ~~ Casing	0.0	6.4
HQ	6.4	9.4

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90.0B-03 (2 / 8)

Date: Dec '90 Logged By: S. Zweck

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	90.0B-01	0.0	-90.°	.°	AT COLLAR
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	
R			.°	.°	

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
	2 8	10 56
		NO SINGLE SHOTS TAKEN

DDH 90-4-03

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Beckett

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	0.0	6.4			111A	CASING (easily removed)
	6.4	9.4			1580	moderately broken, good recovery
		9.4				EOH

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-0B-04

Reference Fabric Orientation Diagram:

Project: DY PROPERTY

Location: ANVIL DISTRICT FARO YK.

Claim: _____

Terr.Plane Co-ords.: UTM 899370.2 N N

UTM 597628.6 E E

Grid Co-ords: _____

Elevation: 839.2 m

All symmetry determinations looking

Total Depth: 11.0 m

_____ with _____ dipping

Inclination: VERTICAL

_____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BED ROCK

Logged by: J. ZBEETNOFF

Date(s) Logged: _____

Drilling Contractor: E. CARON DIAMOND DRILLING

Hole Cemented: NO

Steel down Hole: NO

Collar Cased and Capped: _____

	CORE Size	From	To
Casing	~~HQ~~	0.0 m	6.4 m
	HQ	6.4	11.0

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90 QB-04 (2 / 8)

Date: Dec '90 Logged By: S. Zecchin

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	90-QB-04	0.0	-90°	°	ATCOLLAR
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	
R			°	°	

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
	2 8	10 56
		NO SINGLE SHOT TESTS TAKEN

DDH 90 ~~00~~ 04
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 3 3

Date: _____ Logged By: J. Zbeetoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	0.0	6.4			11A	Casing (casing removed)
	6.4	8.4			5BD	Strongly broken, good recovery
	8.4	11.0			5BD	moderately broken, good recovery

CURRAGH RESOURCES INC. Page 1 of 3

DIAMOND DRILL CORE LOG Date: _____

Hole Number: 90-0B-05

Reference Fabric Orientation Diagram:

Project: DY PROPERTY

Location: ANVIL DISTRICT FARO, YK.

Claim: _____

Terr.Plane Co-ords.: UTM 899342.0 N N

UTM 597625.8 E E

Grid Co-ords: _____

Elevation: 831.4 m

All symmetry determinations looking

Total Depth: 12.5 m _____ with _____ dipping

Inclination: VERTICAL _____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

Logged by: J. ZBEETNOFF Date(s) Logged: _____

Drilling Contractor: E.CARON DIAMOND DRILLING

Hole Cemented: NO Steel down Hole: NO

Assay Lab: _____

Certificate No's: _____

Size	CORE From	To
~~BQ~~ CASING	0.0m	10.4m
HQ	10.4	12.5m

Collar Cased and Capped: No

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90-08-05 (2 / 8)

Date: Dec '90 Logged By: J. Beech

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8	10 14	22 26	28 32	34 56
R	9008-01	0.0	-90°		AT COLLAR
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	2 8	10 56
		X/O SINGLE SHOT TESTS TAKEN

DDH 90 UD 05

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: S. Beckwith

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	00	10.4			111A	casing (easily removed)
	10.4	12.4			5C9	slightly broken RQD > 90%, interval is suspected to be a large block of drift.
	12.4	12.5			5B04	Moderately to strongly broken, moderately limonitized
		12.5				EOH

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-OB-06

Reference Fabric Orientation Diagram:

Project: DY PROPERTY

Location: ANVIL DISTRICT FARO YK.

Claim: _____

Terr.Plane Co-ords.: UTM 899339.40 N N

UTM 597631.50 E E

Grid Co-ords: _____

Elevation: 831.10 m

All symmetry determinations looking

Total Depth: 13.9 m

_____ with _____ dipping

Inclination: VERTICAL

_____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

Logged by: J. ZBEETNOFF

Date(s) Logged: _____

Drilling Contractor: E. CARON DIAMOND DRILLING

Hole Cemented: NO

Steel down Hole: NO

Assay Lab: _____

Certificate No's: _____

Size	CORE From	To
~~HQ~~ Casing	0.0	10.1
HQ	10.1	13.9

Collar Cased and Capped: No

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90.06-06 (2 / 8)

Date: Dec '90 Logged By: J. Zbrotuff

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	90.06-06	0.0	-90		ATCOLLAR
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
1	2 8	10 56
		NO SINGLE SHOT TESTS TAKEN

DDH 90UB-06

CURRAGH RESOURCES INC.
Lithologic Log

Page 3 3

Date: _____ Logged By: Fr. Zbeetwalf

Code	From	To	Recov.	No.	Unit	Description
	0.0	10.1			11A	Casing (casing removed)
	10.1	12.8			5C0	moderately broken, good recovery, suspect to be a large block of drift.
	12.8	13.6			5B0	moderately to strongly broken, good recovery.
	13.6	13.9			5B0	moderately broken good recovery.
		13.9				EOH

CURRAGH RESOURCES INC.

Page 1 of 3

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-0B-07

Reference Fabric Orientation Diagram:

Project: DY PROPERTY

Location: ANVIL DISTRICT FARO YK.

Claim: _____

Terr.Plane Co-ords.: UTM 899344.80 N N

UTM 597622.50 E E

Grid Co-ords: _____

Elevation: 831.40 m

All symmetry determinations looking

Total Depth: 15.50 m

_____ with _____ dipping

Inclination: VERTICAL

_____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

Logged by: J. ZBEETNOFF

Date(s) Logged: _____

Drilling Contractor: E. CARON DIAMOND DRILLING

Hole Cemented: NO

Steel down Hole: NO

Assay Lab: _____

Certificate No's: _____

CORE Size	From	To
~~HQ~~ Casing	0.0	10.4
HQ	10.4	15.6

Collar Cased and Capped: No

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90 08 - 07

Date: Dec '90 Logged By: J. Bath

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	90-08-07	0.0	-90 °	°	ATCOLLAR
R			°	°	
R			°	°	
R			°	°

DDH 90 05 07

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Scott

Code	From	To	Recov.	No.	Unit	Description
	0.0	10.4			11A	Casing (casing removed)
	10.4	13.4			5C04	strongly broken and oxidized.
	13.4	15.6			5B0	moderately broken and slightly oxidized.
		15.6				EOH

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-03-08

Reference Fabric Orientation Diagram:

Project: DY PROPERTY

Location: ANVIL DISTRICT FARO YK.

Claim: _____

Terr.Plane Co-ords.: UTM 899419.00 N N

UTM 597635.00 E E

Grid Co-ords: _____

Elevation: 847.40 m

All symmetry determinations looking

Total Depth: 7.30 m

_____ with _____ dipping

Inclination: VERTICAL

_____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

Logged by: J. ZBEETNOFF

Date(s) Logged: _____

Drilling Contractor: E. CARON DIAMOND DRILLING

Hole Cemented: NO

Steel down Hole: NO

Assay Lab: _____

Certificate No's: _____

CORE Size	From	To
~~HQ~~ casing	0.0	4.9
HQ	4.9	7.3

Collar Cased and Capped: No

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90-08-07 (2 – 8)

Date: Dec '90 Logged By: J. Zbertnall

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 – 8	10 – 14	22 – 26	28 – 32	34 – 56
R	90-08-08	-90	-90		AT COLLAR
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
1	2 – 8	10 – 56
		NO SINGLE SHOT TESTS TAKEN