015172

SPERRY-SUN DRILLING SERVICES

CURRAGH RESOURCES INC.
91DY-02

1991 01 25
CX-LB-10076

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
0.00	90.00	0.00	0.00	0.00	0.00	0.00	0.00
50.00	89.95	197.83	50.00	0.02 S	0.01 W	-0.01	0.10
100.00	89.00	347.66	100.00	0.38 N	0.11 W	0.37	2.09
150.00	88.75	354.07	149.99	1.35 N	0.26 W	1.23	0.56
200.00	88.83	346.54	199.98	2.39 N	0.43 W	2.16	0.36
250.00	88.80	343.90	249.97	3.39 N	0.69 W	3.11	0.13
300.00	88.75	316.25	299.96	4.29 N	1.22 W	4.14	1.17
350.00	88.28	305.09	349.94	5.11 N	2.21 W	5.39	1.09
400.00	87.25	295.39	399.90	6.06 N	3.90 W	7.18	2.19
450.00	86.27	299.23	449.82	7.36 N	6.41 W	9.75	2.01
500.00	85.47	299.50	499.69	9.13 N	9.55 W	13.06	1.60
550.00	84.32	294.77	549.49	11.14 N	13.52 W	17.08	2.45
600.00	83.62	302.55	599.21	13.68 N	18.11 W	21.89	2.15
650.00	83.13	300.31	648.88	16.68 N	23.03 W	27.28	1.10
700.00	83.00	302.61	698.51	19.83 N	28.18 W	32.92	0.62
750.00	82.67	303.88	748.12	23.25 N	33.39 W	38.81	0.74
800.00	82.67	305.65	797.71	26.89 N	38.63 W	44.90	0.45
850.00	82.30	305.49	847.28	30.69 N	43.95 W	51.16	0.74
900.00	82.00	310.28	896.82	34.89 N	49.34 W	57.77	1.44
950.00	81.80	310.80	946.30	39.55 N	54.79 W	64.79	1.01
1000.00	81.35	315.11	995.74	44.63 N	60.24 W	72.14	1.32
1050.00	80.50	321.38	1045.12	50.52 N	65.47 W	80.00	2.61
1100.00	80.00	325.17	1094.39	57.31 N	70.52 W	88.46	1.63
1150.00	79.97	324.98	1143.63	64.44 N	75.50 W	97.15	0.09
1200.00	79.48	323.82	1192.83	71.69 N	80.69 W	106.06	1.05
1250.00	79.23	327.37	1241.97	79.31 N	85.89 W	115.27	1.47
1300.00	79.45	324.89	1291.11	87.00 N	91.03 W	124.50	1.08
1350.00	79.22	326.47	1340.24	94.64 N	96.25 W	133.73	0.75
1400.00	78.60	326.21	1389.31	102.65 N	101.58 W	143.33	1.24
1450.00	77.75	324.05	1438.25	111.05 N	107.44 W	153.56	1.92
1500.00	77.13	329.64	1487.05	120.13 N	113.37 W	164.39	2.73
1550.00	76.93	333.30	1535.78	130.00 N	118.72 W	175.46	1.69
1600.00	76.83	336.46	1584.48	140.27 N	123.54 W	186.53	1.45
1650.00	77.00	334.75	1633.18	150.58 N	128.21 W	197.54	0.84
1700.00	77.43	336.28	1681.94	160.64 N	132.80 W	208.31	1.10
1750.00	77.30	338.43	1730.73	170.73 N	137.01 W	218.87	0.98
1800.00	77.53	335.78	1779.53	180.77 N	141.24 W	229.40	1.24
1825.00	77.32	336.09	1803.93	185.74 N	143.46 W	234.69	0.91

DY PROJECT - DEVIATION ANALYSIS

J. ZBEETNOFF
91DY-02

TOTAL DEPTH	DIRECTION DEG	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
0	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00
208	8.5	1.38	205.98	2.45 N	0.37 E	1.92	0.67
313	334.0	1.13	315.96	4.74 N	0.09 E	4.03	0.71
400	316.0	3.70	399.87	7.43 N	2.16 W	7.49	3.15
550	304.0	5.60	549.38	15.01 N	11.59 W	16.82	1.42
700	312.0	7.10	698.46	25.30 N	24.55 W	34.29	1.16
916	317.0	8.25	912.52	45.57 N	45.04 W	62.19	0.62
1076	329.0	9.80	1070.55	65.64 N	59.88 W	87.02	1.52
1156	330.5	10.20	1149.33	77.64 N	66.86 W	100.91	0.60
1246	333.0	11.80	1237.75	92.44 N	74.80 W	117.68	1.33
1406	332.5	11.50	1394.60	120.55 N	89.29 W	149.25	0.14
1516	331.0	12.90	1502.11	141.02 N	100.30 W	172.47	1.30
1726	343.0	12.70	1706.93	183.60 N	118.42 W	218.33	1.27
1816	342.0	12.30	1794.79	202.18 N	124.27 W	237.29	0.51
1900	339.0	12.50	1876.83	219.18 N	130.30 W	254.98	0.60

THE DOGLEG SEVERITY IS IN DEGREES PER 100 FEET
THE VERTICAL SECTION WAS COMPUTED ALONG AZ. 329.27

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE DISPLACEMENT IS 254.98 FEET. IN THE DIRECTION OF AZ. 329.27

Single shots

Northern Analytical Laboratories ltd.

January 31,1991

Work Order # 13051

Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

File # 13051a

P.O. # 400285

Assay Certificate

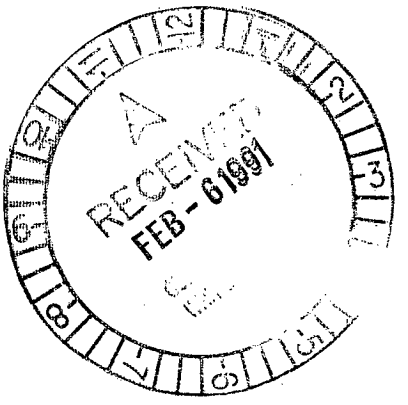
Sample	g/t Au	g/t Ag	%Pb	%Zn	%Fe	SG
65212	0.87	22.0	1.46	2.25	28.12	4.27
65213	0.91	26.3	2.42	2.92	25.66	4.22
65214	0.56	37.4	3.66	4.99	16.86	3.80
65215	0.27	13.8	0.46	0.39	15.51	3.19
65216	<0.01	0.2	0.02	0.02	3.12	2.79
65217	<0.01	<0.1	<0.01	<0.01	2.13	2.68
65218	0.02	<0.1	<0.01	<0.01	2.37	2.62
65219	<0.01	0.8	<0.01	<0.01	13.28	2.95
62220	0.01	8.5	1.35	1.34	4.46	2.80
65221	<0.01	<0.1	<0.01	<0.01	3.40	2.66
65222	0.11	0.8	<0.01	<0.01	3.37	2.79
65223	0.03	2.7	0.11	0.16	3.91	2.42
65224	0.16	5.5	0.12	0.04	12.93	3.26
65225	0.01	4.5	0.17	0.03	13.58	3.21
65226	0.01	5.4	0.34	0.87	13.63	3.04
65227	<0.01	0.7	<0.01	<0.01	6.29	2.97

91 Dy 02

Applied Science Technologists and Technicians of British Columbia
6992
GERALD F. HAYES
A.Sc.T.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: [403] 668-4968 Fax: [403] 668-4890

Northern Analytical Laboratories ltd.



February 5,1991

Curragh Resources Inc.
117 Industrial Road.
Whitehorse, Yukon
Y1A 2T8

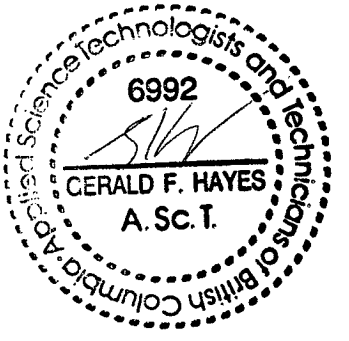
Work Order # 13055

File # 13055a

P.O. # 400289

Assay Certificate

Sample	g/t Au	g/t Ag	%Pb	%Zn	%Fe	SG
65228	0.32	2.6	0.07	0.08	11.14	2.97
65229	0.11	5.8	0.23	0.05	16.66	3.31
65230	0.11	8.0	0.47	0.73	15.88	3.34
65231	0.26	4.4	0.11	<0.01	17.18	3.26
65232	0.20	8.5	0.10	0.10	15.78	3.27
65233	0.21	8.2	0.11	0.05	17.82	3.23
65234	0.13	3.9	0.09	0.20	7.78	2.75
65235	0.34	5.6	0.44	0.50	10.96	2.96
65236	0.07	0.8	0.03	<0.01	5.15	2.81
65237	0.03	0.3	0.03	<0.01	4.48	2.83
65238	0.15	1.2	0.14	0.01	8.68	2.95
65239	0.47	1.0	0.11	<0.01	12.01	3.10
65240	0.14	2.1	0.10	0.05	15.39	3.06



105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

ROSSBACHER LABORATORY LTD.

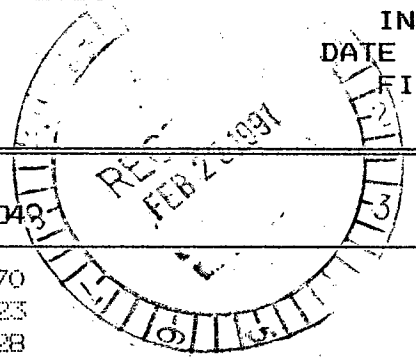
2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : NORTHERN ANALYTICAL LABORATORY LTD.
105 COPPER ROAD
WHITEHORSE, Y.T.

PROJECT : WO 13055
TYPE OF ANALYSIS : ASSAY

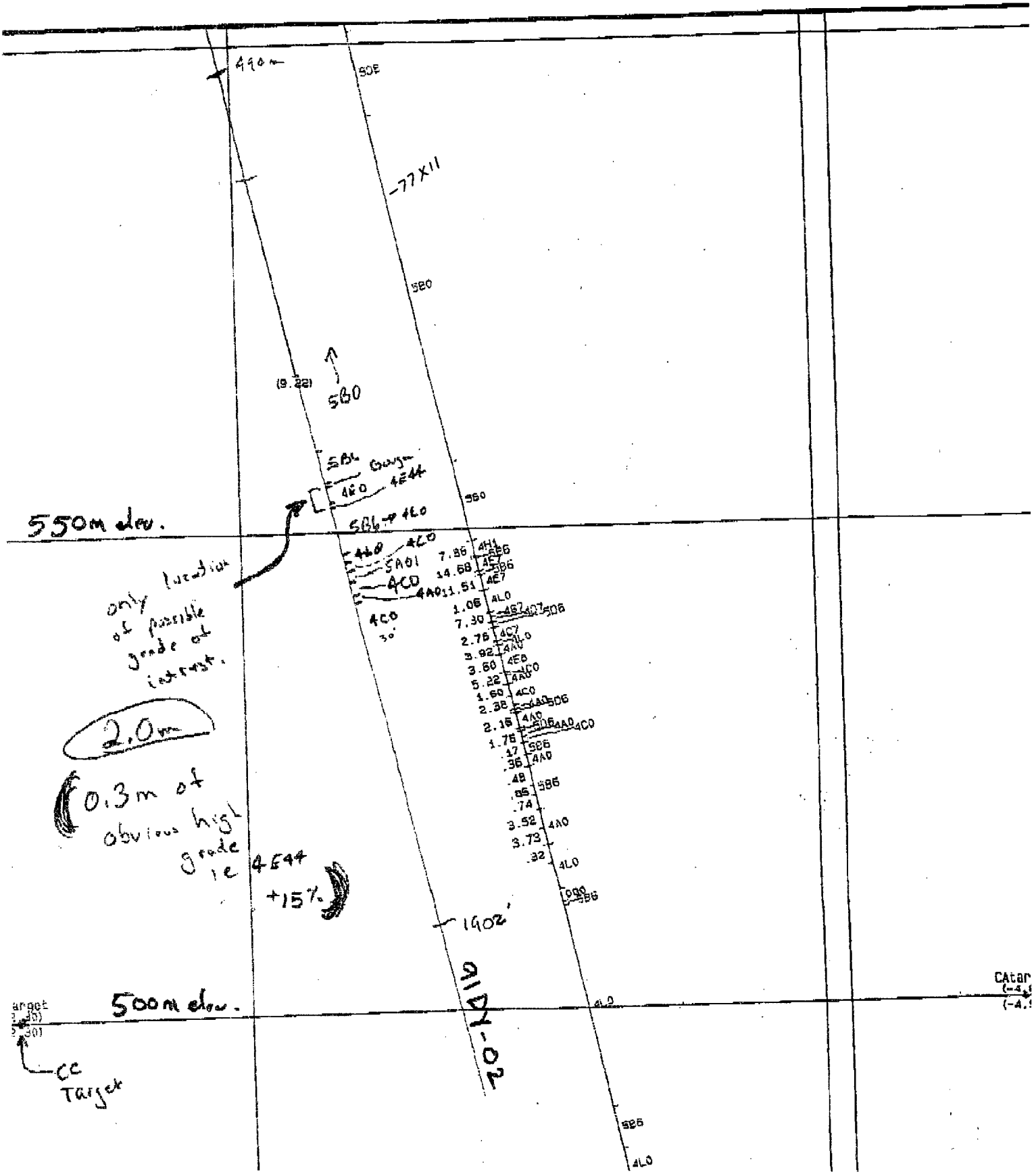
CERTIFICATE # : WO 13055
INVOICE # : 20186
DATE ENTERED : 91-02-18
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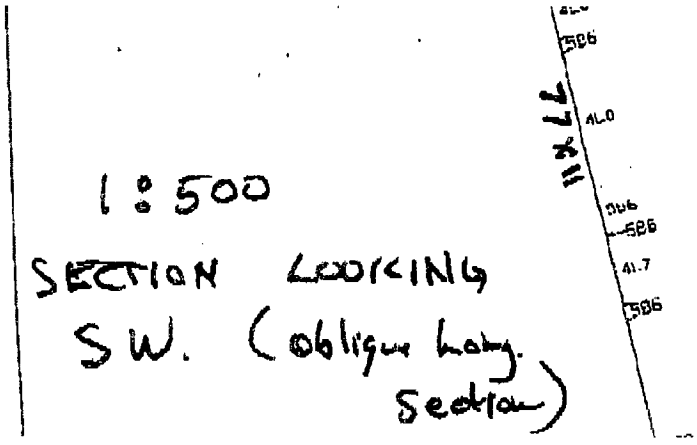


PRE FIX	SAMPLE NAME	% Ba	% BaSO4
P	65228	0.42	0.70
P	65229	0.14	0.23
P	65230	0.17	0.28
P	65231	0.18	0.30
P	65232	0.23	0.38
P	65233	0.28	0.47
P	65234	0.40	0.67
P	65235	0.23	0.38
P	65236	0.28	0.47
P	65237	0.29	0.48
P	65238	0.26	0.43
P	65239	0.20	0.33
P	65240	0.20	0.33

CERTIFIED BY :

Jan 25/91


490m
SOE
-77 X11
560
(9.22)
560
SBL Gouge
4E0 4E44
SB6 4L0
550m elev.
4L0
SA01
4CO
4A0
4CO
30°
only location of possible grade at interest.
2.0m
0.3m of obvious high grade ie 4E44 +15%
7.86 4H1 586
14.68 4E7 586
11.51 4E7
1.06 4L0
7.30 4B7 4D7 506
2.78 4D7
3.92 4A0
3.60 4E6
5.22 4A0
1.60 4C0
2.38 4A0 506
2.15 4A0
1.75 506 4A0 4CO
.17 586
.36 4A0
.48
.85 586
.74
3.52 4A0
3.73
.32 4L0
990 586
1902'
500m elev.
4L0
target
CC Target
586
4L0


1:500
SECTION LOOKING
SW. (oblique hatg.
section)
77 x 11
586
41.0
586
41.7
586

HOLE-ID	FROM	TO	INT.	REC.	% REC	SAMPLE#	SG-WR	Pb+Zn	Pb	Zn
91DY02	533.0	534.0	1.0	1.0	100	65212		3.71	1.46	2.25
91DY02	534.0	534.7	0.7	0.7	100	65213		5.34	2.42	2.92
91DY02	534.7	535.0	0.3	0.3	100	65214		8.65	3.66	4.99
91DY02	535.0	536.2	0.2	0.2	100	65215		0.85	0.46	0.39
91DY02	535.2	537.1	1.9	1.9	100	65216		0.04	0.02	0.02
91DY02	537.1	538.6	1.6	1.6	100	65217		0.02	0.01	0.01
91DY02	538.9	540.1	1.2	1.2	100	65218		0.02	0.01	0.01
91DY02	540.1	540.9	0.8	0.8	100	65219		0.02	0.01	0.01
91DY02	540.9	541.5	0.5	0.6	100	65220		2.69	1.35	1.34
91DY02	541.5	542.9	1.4	1.4	100	65221		0.02	0.01	0.01
91DY02	542.9	544.0	1.1	1.1	100	65222		0.02	0.01	0.01
91DY02	544.0	545.1	1.1	1.1	100	65223		0.27	0.11	0.16
91DY02	545.1	547.2	2.1	2.1	100	65224		0.16	0.12	0.04
91DY02	547.2	549.2	2.0	2.0	100	65225		0.2	0.17	0.03
91DY02	549.2	549.8	0.6	0.8	100	65226		1.21	0.34	0.87
91DY02	549.8	550.8	0.8	0.8	100	65227		0.02	0.01	0.01
91DY02	550.8	552.3	1.7	1.7	100	65228		N/A	N/A	N/A
91DY02	552.3	554.3	2.0	2.0	100	65229		N/A	N/A	N/A
91DY02	554.3	556.9	2.6	2.6	100	65230		N/A	N/A	N/A
91DY02	556.9	558.9	2.0	2.0	100	65231		N/A	N/A	N/A
91DY02	558.9	560.9	2.0	2.0	100	65232		N/A	N/A	N/A
91DY02	560.9	563.2	2.3	2.3	86.8	65233		N/A	N/A	N/A
91DY02	563.2	564.5	1.3	1.3	100	65234		N/A	N/A	N/A
91DY02	564.5	564.9	0.4	0.4	100	65235		N/A	N/A	N/A
91DY02	564.9	566.7	1.8	1.8	100	65236		N/A	N/A	N/A
91DY02	566.7	568.1	1.4	1.4	100	65237		N/A	N/A	N/A
91DY02	568.1	570.9	2.8	2.8	100	65238		N/A	N/A	N/A
91DY02	570.9	572.4	1.5	1.5	100	65239		N/A	N/A	N/A
91DY02	572.4	574.1	1.7	1.7	100	65240		N/A	N/A	N/A

8.65%/y / 0.3m

TABLE 1. Preliminary results for 91Dy-02, C-Zone infill program.

RECEIVED
MAR 15 1991
VANCOUVER OFFICE

CYPRUS ANVIL MINING CORPORATION

Page 1 of _____

DIAMOND DRILL CORE LOG

Date: Feb. 28/91

Hole Number: 91DY-02

Reference Fabric Orientation Diagram:

Project: DY PROJECT

Location: C ZONE

Claim: _____

Terr.Plane Co-ords.: 9006755.50 N

597557.00 E

Grid Co-ords: _____

Elevation: 1081.60

All symmetry determinations looking

Total Depth: 625.0m.

_____ with _____ dipping

Inclination: VERTICAL AT COLLAR

_____ with dip azimuth _____.

Purpose: TEST MINERALIZATION AT C ZONE

Reason hole Terminated: Hole reached desired depth, mineralization

Logged by: J. Zbeetnoff / D. Halliwell

Date(s) Logged: Jan.-Feb. 1991

Drilling Contractor: Caron Diamond Drilling

CORE Size	From	To	Collar Cased and Capped:
NQ	4.9	625.0	

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 91DY-02 (2 / 8)

Date: FEB 28/91 Logged By: JZ/DH

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	91DY-02	1081.60	900645.5	597557.0	METRES	S2	

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

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

File: ASSAYXYZ.WR1

HOLE-ID	FROM	TO	INT	SAMPLE#	NORTHING	EASTING	ELEV.	Pb+Zn
91DY02	533	534	1	65212	900697.4	597515.3	554.47	3.71
91DY02	534	534.7	0.7	65213	900697.7	597515.2	553.5	5.34
91DY02	534.7	535	0.3	65214	900697.8	597515.1	552.81	8.65
91DY02	535	535.2	0.2	65215	900697.9	597515.1	552.52	0.85
91DY02	535.2	537.1	1.9	65216	900697.9	597515.1	552.33	0.04
91DY02	537.1	538.9	1.8	65217	900698.3	597514.9	550.47	0.02
91DY02	538.9	540.1	1.2	65218	900698.7	597514.8	548.71	0.02
91DY02	540.1	540.9	0.8	65219	900698.9	597514.7	547.54	0.02
91DY02	540.9	541.5	0.6	65220	900699.1	597514.6	546.76	2.69
91DY02	541.5	542.9	1.4	65221	900699.2	597514.6	546.18	0.02
91DY02	542.9	544	1.1	65222	900699.4	597514.4	544.81	0.02
91DY02	544	545.1	1.1	65223	900699.7	597514.4	543.74	0.27
91DY02	545.1	547.2	2.1	65224	900699.9	597514.3	542.66	0.16
91DY02	547.2	549.2	2	65225	900700.3	597514.1	540.61	0.2
91DY02	549.2	549.8	0.6	65226	900700.7	597513.9	538.66	1.21
91DY02	549.8	550.6	0.8	65227	900700.8	597513.9	538.07	0.02

533 - 535
2me 5.02 % Pb+Zn

DDH 91-Y-02 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb '91 Logged By: J. Zecevich

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	0.0	4.9			11A	CASING (casing left in hole - no cement)
	4.9	11.6			5B0	Medium gray, moderately calcareous phyllite is PS$_2$ foliated strongly locally moderately broken, with weak to moderate oxidation occurring sporadically coating S$_2$ fractured surfaces. Unit hosts 7-10% quartz-calcite cm-scale veins generally parallel S$_0$. Rock is slightly soft and hosts trace clotty Py. Core is generally strongly broken and has poor to good recovery. Lower contact is sharp and parallel S$_2$
	11.6	15.0			5B16	± # ± 02 (5B0) 80:20 Medium to slightly dark gray, noncalcareous to locally weakly calcareous phyllite is PS$_2$ foliated and host a band of 5B0 at 12.3 - 12.7. Interval is locally slightly carbonaceous denoted by a slightly darker gray color. No portion of interval tarnishes fingers any darker than medium light gray. Oxidation is very rare and limited to rough low angle fractures. Interval contains 2-3% dcm quartz-calcite veins often parallel S$_2$ and trace-1% clotty Py. Rock is slightly soft, moderately to slightly strongly broken with good recovery

DDH 91-NY-02 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb '91 Logged By: J. Zsedrovits

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						contacts are sharp and parallel S_2
	15.0	51.4			5B9	± → 02 (10Q# . 5EO) 89:10:01
						Medium to Slightly Medium dark gray phyllite is moderately to strongly calcareous phyllite is commonly PS_2 foliated, rarely CS_2. Interval supports 7-10% 1.0-15cm quartz-calcite veins. Dm scale veins are most abundant at 41.6-43.9 and 49.4-50.4. Interval hosts a 15cm PS_2 foliated 5EO band at 35.8. 5EO is medium gray, finely laminated // S_2 and intensely calcareous. Rock is slightly fract., moderately-rarely moderately to strongly broken. Recovery is good. Upper and lower contacts are sharp and parallel S_2. Trace Py is scattered throughout
	51.4	53.1			5B6	→ 62 ± 0 STRONGLY BROKEN
						Medium to slightly medium dark gray phyllite is non-calcareous non-dolomitic locally v. weakly calcareous unit is PS_2 foliated, strongly broken and hosts 2cm of gouge at 51.9. Interval contains 5% dm-scale rarely cm-scale quartz calcite veins at trace-1% rarely P_2. Rock is moderately to slightly soft and has fair to good

DDH 91DX-02

CURRAGH RESOURCES INC.
Lithologic Log

Page 5

Date: Feb 91 Logged By: T. Stacknell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						receiving. Upper and lower contacts are sharp and parallel S$_2$. Interval is very slightly carbonaceous but no surface will go beyond slightly tarnishy fingers medium to light gray.
	53.1	58.5			5B0	→02 STRONGLY BROKEN
						Medium to slightly medium dark gray phyllite is moderately locally weakly calcareous, BS$_2$ foliated and strongly brecciated S$_2$ surfaces. Interval is crushed at 56.9 - 58.4. Fractured surfaces slightly tarnish fingers medium gray. Rock is slightly to moderately soft with fair to good recovery, poor recovery from 56.7 - 58.5. Contacts are sharp and parallel S$_2$. Pyrite is rare and occurs as clots.
	58.5	68.9			5B0	
						Medium gray moderately to strongly calcareous phyllite is generally BS$_2$ foliated, sporadically CS$_2$ and hosts 0 - 7% cm-scale quartz-calcite veins parallel S$_2$. Veins are most abundant at 60.9 - 62.4. Unit contains ~1% pyrite clots scattered throughout. Unit is slightly silty moderately to strongly, locally strongly broken. Recovery is good throughout. Upper contact is sharp and

DDH CUDY-02

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb 91 Logged By: T. Zbetnik

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						parallel S_2. Lower contact is sharp and bound by a very narrow (1cm) gouge and crushed rock-bearing fault oriented @ 130/32 relative S_2
	68.9	72.6			5B0	Weak fault, STRONGLY BROKEN
						Medium gray, moderately calcareous phyllite is PS_2 foliated, and strongly broken parallel S_2. Above 70.1 unit is crushed rubble and supports a narrow (1cm) gouge-bearing fault trending 130/32 relative S_2. Rock is moderately soft, rarely slightly soft, strongly broken parallel S_2. Recovery is good. Upper contact is fault bound @ 130/32 relative S_2. Lower contact is sharp, parallel S_2 and is noted as first piece of core >4cm long.
	72.6	88.3			5B0	± STRONGLY BROKEN
						Medium gray, moderately, sporadically strongly calcareous phyllite is locally strongly broken and hosts very rare narrow (1.0 - 2.0 cm) bands of gouge crosscutting S_2. A single occurrence of a healed shear occurs at 87.1 - 81.25 m. S_2 fractures are very dominant. Gouge bands tend rough, 000/28°, healed

DDH 91DY-02 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb '91 Logged By: J. Zeeuwen

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						shear trends 040/43° relative S_2 (S bands @ 43° with CA C band @ 16). Rock is slightly to moderately soft, and has good recovery. Upper and lower contacts are sharp and parallel S_2
	88.3	99.4			5B9	
						Medium locally medium to light grey, moderately to strongly calcareous phyllite is generally BS_2 foliated with local occurrences of well developed CS_2. Unit hosts 2-3% cm-scale quartz-calcite veins parallel S_2 and 1-2% clotty to subhedral pyrite grains (.1-.5 cm). Rock is slightly silty, moderately broken and has good recovery. Upper and lower contacts are sharp and parallel S_2.
						Unit is crushed with ± gouge at 96.9-97.2. No orientation available
	99.4	102.5			5B6	±/±# FAULT (5B26 ±#) 95:05
						Medium to light grey phyllite is generally non-calcareous locally weakly calcareous / dolomitic. Unit is crushed with 40% gouge to 101.2 and has a weakly to moderately healed shear fabric. Interval displays shear fabric containing veins and bands of dark grey

DDH 91GY-02 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb 91 Logged By: J. Eberhart

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						phyllite - SB26. Darker interval is generally barren of carbonate but is sporadically slightly calcareous and hosts 3% quartz-dolomite veinlets and fragments. Shear fabric is generally oriented at 20° TCA but locally contorts // CA. Rock is soft throughout, and recovery is poor where crushed, good where healing is moderate. Upper contact is sharp and parallel S_2. Lower contact is oriented 038/25 wrt S_2 Internal fabric of shear hosts S bands @ 05° wrt CA, and C bands @ 22°.
	102.5	114.7			SBP	Medium gray, moderately to strongly calcareous phyllite is DS_2 foliated and contains 5-7% quartz-calcite veins 1-2cm wide and parallel S_2. Rock is slightly soft, moderately slightly tending to strongly broken locally. 20% of unit is strongly broken in widths < 30cm. Upper and lower contacts are sharp and parallel S_2

DDH 91-GY-02 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb 91 Logged By: T. Zbeda

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	114.7	117.2			5BQ	STRONGLY BROKEN Medium gray, moderately calcareous phyllite is strongly broken, crushed and host, minor gouge. Fractures are S_2 dominant. Gouge is rare and occurs in <2cm bands and appear parallel S_2. Recovery is poor to fair. Rock is moderately to slightly soft. Upper and lower contacts are sharp and parallel S_2.
	117.2	144.5			5BQ	(5BQ2) 90:10 Medium gray rarely medium dark gray moderately to strongly calcareous phyllite is typically BS & foliated, rarely CS_2. Locally unit has a slight carbonaceous content give cm-dm scale band, a slightly darker color. No portion of interval tarnishes figer more than medium gray. Rock is slightly soft moderately soft where darker gray. Interval is generally moderately broken; strongly broken at 128.0 - 133.7, & weakly crushed with moderate gouge at 143.5 - 144.0. Recovery is good. Upper and lower contacts are sharp and parallel S_2.

DDH 91GY-02 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb 91 Logged By: T. Beetstra

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	144.5	148.4			5B2#	(→5A06) 90:10 Dark gray, moderately to strongly calcareous phyllite is PS1 foliated with S2 surfaces easily tarnishing fingers dark gray. Locally unit hosts 10-30cm bands of non calcareous very dark gray to black 5A0 which easily tarnish fingers very dark gray to black. Intrusd is moderately broken locally strongly broken with minor gouge. Pyrite is ubiquitous and occurs in 0.5-1.0cm subhedral clots over 1-2% of intrusd. Contacts between 5A06 and 5B2 are gradational. Rock is very slightly hard to slightly soft. Upper and lower contacts are sharp and parallel S1
	148.4	151.9			5A9	± # Very dark gray to black weakly calcareous locally non-calcareous carbonaceous phyllite is PS1 foliated with S2 surfaces easily tarnishing fingers v. dark gray to black. Rock is slightly hard and hosts 3-5% clotty, wispy and disseminated Py. Core is strongly broken with very rare occurrences of gouge. Recovery is good. Upper contact is sharp and parallel S1 Lower contact is crushed.

DDH 91NY-02 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

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Date: Feb '91 Logged By: F. Beckwith

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	151.9	162.2			5BP	
						Medium gray strongly calcareous phyllite is typically C_2 foliated, sporadically P_2 foliated above 156.0. Unit hosts 1-2% quartz-calcite stringers and clots at variable orientation. Pyrite occurs as 0.5–0.75 cm subhedral clots. Rock is moderately broken, moderately to strongly broken above 154.8. Breaks are S_2 dominant. Rock is slightly soft and has good recovery. Upper contact is crushed lower contact is sharp, parallel S_2 and noted by a 5cm quartz calcite vein.
	162.2	163.9			5BQ	→ 5FO
						Medium to light gray, slightly greenish interval is strongly calcareous and C_2 foliated. Unit is slightly chloritic. Intrusive hosts 5-7% dm-scale quartz chlorite veins subparallel S_2, unit is also bound by quartz veins. Rock is very slightly hard moderately broken and has good recovery. Upper and lower contacts are sharp, parallel S_2 and are bound by dm-scale quartz calcite veins. Pyrite is extremely rare.

DDH 91-SY-02

CURRAGH RESOURCES INC.
Lithologic Log

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Date: Feb '91 Logged By: F. Beetsma

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
	163.9	170.8			5BØ	(5B6) 70:30 light to medium gray strongly to rarely weakly calcareous unit is CS_2 foliated and hosts 2-3% very irregular, patchy and wispy quartz-calcite veins on the cm-scale or less. Rock is slightly soft, moderately broken and contains trace -1% subhedral pyrite 2-3mm in size. Upper and lower contacts are sharp, and noted by dm scale quartz calcite veins. Non-calcareous phyllite occurs at 164.7-166.1
	170.8	175.9			5FØ	(100#) 95:05 Light olive gray weakly chloritic phyllite with abundant (25%) off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Very calcareous. CS_2 and PS_2 foliated (fold closures at 172.2-172.9). Olive silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Gradational contacts parallel S_2 White-off white bull quartz-calcite concordant bands (veins) subparallelling S_2 at 170.8-171.0, etc. are very calcareous, hard and have sharp contacts with 5FØ.
L	175.9	180.3			5BØ	(5EØ:100#) 97:02:01 Light to medium grey phyllite with off white siltstone laminae/beds following S_1, S_2 / S_2. Moderately to very calcareous (locally quickly etched by 10% HCl acid).

DDH 91MY-02 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb 24/91 Logged By: D. Hallinall

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace m.g. (Ø.5-2.5cm. wide) euhedral-cubic pyrite along quartz-calcite laminae, bands parallel S_2. Very good core recovery. Very good to good RQD. Gradational upper, lower contacts parallel S_2
						Blue-grey phyllitic marble sub-units are very calcareous, PS_2 foliated, moderately soft, have blue-grey fracture surfaces, and have fairly sharp contacts parallel S_2. These occur at 170.7, 171.Ø, 171.1, 178.1, 178.4, and 178.95.
L	180 3	181 1			5FØ	(5BØ:1ØQ#) 45:4Ø:15
						Olive grey weakly chloritic phyllite with off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2, PS_2 foliated. Olive silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery, Good RQD. Gradational upper, lower contacts parallel S_2.
						Light to medium grey phyllite with siltstone laminae, beds are moderately calcareous, are CS_2 and PS_2 foliated, have silvery grey fracture surfaces, are moderately soft, and have gradational contacts with 5FØ.
						White-grey bull quartz-calcite concordant bands (veins?) subparallelling S_2 are very calcareous, hard and have sharp contacts with 5FØ, 5BØ.
L	181 1	192 2			5BØ	(1ØQ#) 96:Ø4
						Light to medium grey phyllite with off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately to very calcareous. CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace m.g. (Ø.5-1.5cm. dia.) euhedral-cubic pyrite within quartz-calcite pods, bands, laminae parallel S_2. Very good core recovery,

DDH 91VY-02

CURRAGH RESOURCES INC.

Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						Good RQD. Gradational upper, lower contacts parallel S_2. Minor healed oligomict clast-supported breccia at 182.0-182.5. Blocky core at 189.0-189.8, 190.3-190.2. White-grey quartz-calcite concordant bands (veins?) subparallelling S_2 are very calcareous, hard, and have sharp contacts with 5B0. Contain wisps of olive My-chlorite.
L	192 2	195 6			5B02	(100#:5E0) 95:03:02
						Dark to medium weakly carbonaceous phyllite with off-white quartz-calcite siltstone laminae/beds following S_1, S_2 / S_2. Moderately calcareous (weakly calcareous at 192.8-193.0). CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft to soft. No sulphides. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2.
						White-grey bull quartz-calcite concordant bands (veins?) subparallelling S_2 are very calcareous, hard, contain wisps of phyllite, and have sharp contacts with 5B02.
						Blue-grey phyllitic marble interbands (194.4, etc.) are very calcareous, PS_2 foliated, moderately soft, and have fairly sharp contacts with 5B02 parallel S_2.
L	195 6	200 3			5B62	(5B6:5E0) 55:43:02
						Dark to medium grey phyllite with off-white quartz-carbonate siltstone laminae/beds following S_1, S_2 / S_2. Weakly calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft to soft. Rare trace euhedral-cubic pseudomorphs of pyrrhotite after pyrite within quartz-carbonate laminae, bands, pods parallel S_2. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2.
						Light to medium grey phyllite/siltstone interbands are weakly calcareous, CS_2 and PS_2 foliated, moderately soft, have silvery grey fractures and have gradational contacts with 5B6.

DDH 91DY-02 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						Blue-grey phyllitic marble interbands (197.4, etc.) are very calcareous, moderately soft and have fairly sharp contacts with 5B62, 5B6.
L	200.3	207.9			5B02	(5B0; 100#; 5E0) 50:40:08:02 Dark to medium grey weakly carbonaceous phyllite with off-white quartz-calcite siltstone following S_1, S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite (1-2cm. dia.) within quartz-calcite pods, bands and laminae parallel S_2. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2. Light to medium non-carbonaceous phyllite/siltstone interbands are moderately calcareous, CS_2 and PS_2 foliated, moderately soft, have silvery grey fracture surfaces, and have gradational contacts with 5B02 parallel S_2. White-grey bull quartz-calcite concordant bands (veins?) subparallelling S_2 are strongly calcareous, hard and have sharp contacts with 5B02, 5B0. Blue-grey phyllitic marble interbands are very calcareous, moderately soft and have fairly sharp contacts with 5B02, 5B0.
L	207.9	208.2			100#	(5D0) 90:10 White-grey quartz-calcite concordant band (vein?) subparallelling S_2 is very calcareous, hard and has sharp contacts with 5B0 parallel S_2. Contains olive green chloritic phyllite wisps and bands parallel S_2 and following S_1.

DDH 91DY-02

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 29/91 Logged By: D. Hallivell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	210.8	211.0	1		5BØ	(100#) 95:Ø5 Light to medium grey phyllite with offwhite quartz-calcite siltstone laminae/beds following $S_1, S_2/S_2$. Strongly calcareous (quickly etched by 10% HCl acid). CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace pyrite as euhedral cubes along quartz-calcite pods, bands, laminae parallel S_2. Very good core recovery. Good RQD. White-grey quartz-calcite concordant bands (veins?) subparallelling S_2 are strongly calcareous, hard, and have sharp contacts with 5BØ.
L	211.0	211.5			5FØ	(100#) 70:3Ø Medium olive grey weakly chloritic phyllite with off-white quartz-calcite siltstone laminae, bands parallel S_2. Moderately calcareous. PS_2 foliated. Olive silvery grey fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2. White-grey quartz-calcite concordant bands (veins?) subparallelling S_2 are strongly calcareous, hard and have sharp contacts with 5FØ.
L	211.5	217.3			3BØ	(5EØ:5FØ) 97:Ø2:Ø1 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. Silvery grey fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite along quartz-calcite pods, bands, laminae parallel S_2. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2. Blocky core at 211.7. Blue-grey phyllitic marble at 213.1-213.2, 213.8, 215.3, 215.4, 215.5 are very calcareous, moderately soft interbands following S_1, S_2 with fairly sharp contacts.

DDH 91DY-02

CURRAGH RESOURCES INC.

Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						Olive grey chloritic phyllite interband at 215.9 is moderately calcareous, moderately soft and has gradational contacts parallel S_2.
L	217.3	219.3			5BØ2	(1ØØ#) 7Ø:3Ø Dark grey weakly carbonaceous phyllite with 10% off-white quartz-calcite siltstone laminae/beds following $S_1, S_2 \| S_2$. Moderately calcareous. C_2 and P_2 foliated. Dark silvery grey fracture surfaces. Moderately soft to soft. Fair core recovery (Ø.1m core loss at 218.2-22Ø.1. Poor RQD. Blocky to rubbly core at 217.5–218.5, 218.8–218.9. Gradational upper, lower contacts parallel S_2. No sulphides. White-grey bull quartz-calcite concordant bands (veins?) subparallel S_2 at 217.3-217.5 218.5 and 219.1-219.3 are very calcareous, hard, and have sharp contacts with 5BØ2
L	219.3	222.7			5BØ	→ 5FØ (1ØØ#) 9Ø:1Ø Light to medium olive grey with 15% off-white quartz-calcite laminae/bands following $S_1, S_2 \| S_2$. Strongly calcareous (quickly etched by 10% HCl acid). P_2 and C_2 foliated. Olive silvery grey fracture surfaces. Moderately soft. Trace euhedral-cubic and euhedral-pyritohedral pyrite (1cm dia.) within quartz-calcite pods, bands parallel S_2. Fair core recovery (Ø.1m core loss at 218.2-22Ø.1). Good to fair RQD. Blocky to rubbly core at 219.5-22Ø.3. Gradational upper, lower contacts parallel S_2. White-grey quartz-calcite concordant bands (veins?) subparallelling S_2 are very calcareous, hard and have sharp contacts with 5BØ → 5FØ.
L	222.7	224.7			5BØ	(5BØ2:) 6Ø:4Ø

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						Light to medium grey phyllite with 15% off-white 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. Trace euhedral-cubic pyrite (Ø.5 cm. dia) within quartz-calcite pods, bands, laminae parallel S_2. Very good core recovery. Good RQD. Blocky core at 224.4-224.5. Gradational upper, lower contacts parallel S_2.
						Dark grey weakly carbonaceous phyllite interbands are moderately calcareous, CS_2 and PS_2 foliated, moderately soft to soft and have gradational contacts parallel S_2.
L	2247	2376			5BØ	(5BØ2:5EØ:1ØØ#) 75:2Ø:Ø4:Ø1
						Light to medium grey phyllite with 1Ø% off-white quartz-calcite laminae/beds following $S_1, S_2 // S_2$. Moderately to strongly calcareous (locally, quickly etched by 1Ø% HCl acid. Silvery grey fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite within quartz-calcite pods, beds and laminae parallel S_2. Very good core recovery. Good to very good core recovery. Gradational upper, lower contacts parallel S_2.
						Dark to medium grey weakly carbonaceous phyllite interbands are moderately calcareous, CS_2 and PS_2 foliated, moderately soft to soft, and have gradational contacts with 5BØ.
						Blue-grey phyllitic marble interbands are strongly calcareous, PS_2 foliated, moderately soft and have fairly sharp contacts with 5BØ, 5BØ2. Coarser grained than phyllites.
						White-grey bull quartz-calcite concordant bands (veins?) subparallelling S_2 are very calcareous, hard and have sharp contacts with 5BØ, 5BØ2 and 5EØ.
L	2376	2386			5EØ	(5BØ) 8Ø:2Ø
						Blue-grey phyllitic marble with 5% off-white quartz-calcite laminae/beds following $S_1, S_2 // S_2$. Very calcareous, CS_2 and PS_2 foliated. Moderately soft. No sulphides. Tight

DDH 91DY-02

CURRAGH RESOURCES INC.
Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						fold closures (noses at 237.8, 238.1). Very good core recovery, Good RQD. Fairly sharp contacts parallel S_2.
						Light to medium grey phyllite with siltstone laminae, beds are moderately calcareous, CS_2 and PS_2 foliated, moderately soft and have gradational contacts with 5EØ following S_1, S_2.
L	238.6	247.1			5BØ	(5BØ2 : 5EØ : 1ØQ#) 6Ø : 35 : Ø3 : Ø2
						Light to medium grey phyllite with 2Ø% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_1, S_2. Moderately to very calcareous (locally quickly etched by 1Ø% HCl acid). CS_2 and PS_2 foliated. Silvery grey fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite (1 cm. dia.) within quartz-calcite pods, bands, laminae parallel S_2 above 244.7. Trace euhedral-cubic pyrite and pyrrhotite as euhedral cubic pseudomorphs after pyrite below 244.7 within quartz-calcite pods, bands, laminae parallel S_2. Late crosscutting quartz-calcite veinlets.
						Dark to medium grey weakly carbonaceous phyllite/siltstone interbeds are moderately calcareous, CS_2 and PS_2 foliated, moderately soft to soft, and have gradational contacts with 5BØ.
						Blue-grey phyllitic marble/siltstone interbeds are very calcareous, PS_2 foliated, and have fairly sharp contacts with 5BØ, 5BØ2. Occur at 243.7, 244.4, etc.
						White-grey bull quartz-calcite concordant bands (veins?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ, 5BØ2, 5EØ. Occur at 238.6-238.8, 239.8-239.9, etc.
L	247.1	253.5			5BØ2	(5BØ : 5EØ : 1ØQ#) 5Ø : 45 : Ø3 : Ø2
						Dark to medium grey weakly carbonaceous phyllite with 5% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2 and PS_2

DDH 91UY-02 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						foliated, dark silvery grey S_2 fracture surfaces. Moderately soft to soft. Rare trace euhedral-pyritohedral pyrite (≤1cm.) within quartz-calcite pods, bands parallel S_2. Poor core recovery? Ø.5m. missing core at 248.7-251.8, 257.4-260.5 (driller's errors?). Good RQD. Blocky core at 251.3-251.4. Gradational upper contact parallel S_2. Less carbonaceous variant is similar. Sharp lower contact at CA8Ø°.
						Blue-grey phyllitic marble/siltstone interbands at 247.95-248.15, 253.45-253.5, is very calcareous, moderately soft, PS_2 and CS_2 foliated, and have fairly sharp contacts with 5BØ.
						White-grey bull quartz-calcite concordant bands (veins?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ2, 5BØ, 5EØ.
L	2535	2633			5CØ	(5EØ:100#) 7Ø:2Ø:1Ø
						Medium grey v.f.g. aphanitic metabasitic groundmass, white f.g. anhedral (leucoxene?) phenocrysts, and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Weak S_2 overprint (blue-grey marbly bands parallel S_2?). Moderately to strongly calcareous. BS_2CS_2 foliated. Moderately soft. No sulphides. Cross-cut by late quartz-calcite veinlets at CAØ°-45°. Very good core recovery. Good RQD. Sharp upper contact at CA8Ø°. Sharp lower contact at CA7Ø°.
						Blue-grey phyllitic marble interbands 1-4cm. wide parallel S_2 are very calcareous, PS_2 foliated, moderately soft, and have fairly sharp contacts parallel S_2 with 5CØ.
						White-grey bull quartz-calcite concordant bands (veins?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5CØ, 5EØ.
L	2633	2794			5BØ	(5EØ:100#) 9Ø:Ø8:Ø2

DDH 91-44-02 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						Light to medium grey phyllite with 15% off-white 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. Trace euhedral-cubic pyrite within pods, bands, laminae parallel S_2. Very good core recovery. Good RQD. Blocky core at 268.5 – 268.7, 275.7 – 275.8. Sharp upper contact at @ 70°. Mi-orbuled oligomict breccia at 268.0. Blue-grey phyllitic marble interbands (1-3cm wide) throughout are very calcareous, CS_2 and PS_2 foliated, moderately soft and have fairly sharp contacts following S_1, S_2. White-grey bull quartz-calcite concordant bands (veins? beds?) subparallelling S_2 are very calcareous, hard and have sharp contacts with 5BØ, 5EØ.
L	27.94	292Ø			5BØ	→5FØ (1ØØ#) 98:Ø2 Light to medium grey phyllite with olive greenish (chlorite) tint and 2Ø% off-white quartz-calcite siltstone laminae/beds following S_1, S_2 / S_2. Moderately calcareous. Silvery grey and olive green-silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite (1cm dia.) with quartz-calcite pods, bands, laminae parallel S_2. Healed minor oligomict breccia at 29Ø.5 with quartz-calcite. Poor core recovery (Ø.5m missing at 291.4-292.Ø). White-grey bull quartz-calcite concordant bands (veins? beds?) subparallelling S_2 are moderately calcareous, hard and have sharp contacts with 5BØ→5FØ.
L	292Ø	3Ø11			5BØ	(5BØ2) 7Ø:3Ø Light to medium grey phyllite with 2Ø% off-white quartz-calcite siltstone laminae/beds following S_1, S_2 / 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.

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Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Weakly carbonaceous phyllite/siltstone interbands is moderately calcareous, CS_2 and BS_2 foliated, moderately soft to soft, and have gradational contacts with 5BØ.
L	3Ø11	31,81			5BØ	(5EØ:1ØQ#) 96:Ø3:Ø1
						Light to medium grey phyllite with 1Ø% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately to strongly calcareous (locally, quickly etched by 1Ø% HCl acid. CS_2 and BS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite within quartz-calcite pods, bands and laminae parallel S_2. Very good core recovery. Good core recovery. Gradational upper contact parallel S_2. Missing core CAMD sample taken before logging at 316.6-317.5. Sharp lower contact at CA 6Ø°.
						Blue-grey phyllitic marble interbeds at 3Ø1.4, 3Ø4.Ø, 3Ø5.8, 3Ø7.5, 3Ø8Ø, 3Ø8.3, etc. are very calcareous, moderately soft, and have fairly sharp contacts parallel S_2.
						White-grey bull quartz-calcite concordant bands (veins? beds?) subparallelling S_2 are moderately calcareous, hard, and has sharp contacts with 5BØ, 5EØ following S_1, S_2.
L	31,81	31,89			5CØ	(5EØ) 95:Ø5
						Medium grey v.f.g. aphanitic metabasitic groundmass, off-white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts with relict porphyritic igneous textures. Moderately calcareous. PS_2 and (locally) CS_2 foliated. Grey S_2 fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 6Ø°. Sharp lower contact at CA 7Ø°.
						Blue-grey phyllitic marble interbeds at 318.5 following S_1, S_2 are very

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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						calcareous, moderately hard and has fairly sharp contacts with 5CØ.
L	318.9	331.9			5BØ	(100#:5EØ) 95:Ø4:Ø1 Light to medium grey phyllite with 10% off-white quartz-calcite siltstone laminae/beds following S_1, S_2 / S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace pyrite as euhedral-cubic and euhedral—pyritohedral pyrite within quartz-calcite pods, bands and laminae parallel S_2. Very good core recovery. Good RQD. Sharp upper contact at CA 70°. Sharp lower contact at CA 80°. White-grey bull quartz-calcite concordant bands (veins? beds?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ, 5EØ. Blue-grey phyllitic marble interbeds at 326.1, 330.3, 331.7 are very calcareous, moderately soft and have fairly sharp contacts following S_2.
L	331.9	332.8			5CØ	→ 5C7 (5EØ) 97:Ø3 Medium grey v.f.g. aphenitic metabasitic groundmass, white f.g. anhedral (leucoxene?) and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Very calcareous (rapid etching). PS_2 foliated to massive. Grey S_2 fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 80°. Sharp lower contact at CA 85°. Local S_2 overprint with olive grey chloritic bands, laminae parallel S_2. Blue-grey phyllitic marble interbeds, interlaminae parallel S_2 are very calcareous, moderately soft and have fairly sharp contacts with 5CØ→5C7 parallel S_2.

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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	3328	3330			5BØ	
						Light to medium grey with 15% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 85°. Sharp lower contact at CA 80°.
L	3330	3334			5CØ	(5EØ) 9Ø:1Ø
						Medium grey v.f.g. aphanitic metabasaltic groundmass, white f.g. anhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Dark grey (chloritic?) bands parallel S_2 overprint this. Moderately calcareous. PS_2 foliated. Grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite within quartz-calcite pods, bands parallel S_2. Very good core recovery. Good RQD. Sharp upper contact at CA 80°. Sharp lower contact (very minor healed breccia) at CA 10°.
						Blue-grey phyllitic marble interbeds (interlaminae) following S_1, S_2 are very calcareous, moderately soft, and have fairly sharp contacts with 5CØ.
L	3334	3412			5BØ	(5EØ:5FØ→5DØ:1ØQ-#:508) 9Ø:Ø4:Ø3:Ø2:Ø1
						Light to medium grey phyllite with 10% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Very calcareous (quickly etched by 10% HCl acid). CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite (1cm dia.) within quartz-calcite pods, bands parallel S_2. Very good core recovery. Good to fair RQD. Sharp upper contact at CA 10°. Sharp lower contact at CA 80°.

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From	To	Recov.	No.	Unit	Description
10 14	16 20	22 24	26 28	30 34	35
					Blue-grey phyllitic marble interbeds (interlaminae) following S_1, S_2 are very calcareous, moderately soft and have fairly sharp contacts with 5BØ. Occur at 33Ø.6, 336.4, 34Ø.6, etc.
					Olive-grey chloritic phyllite/siltstone at 339.4-339.5, 339.8 is moderately calcareous, PS_2 foliated, moderately soft, and have gradational contacts with 5BØ.
					White-grey bull quartz-calcite concordant bands (veins? beds?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ, 5TØ→5DØ.
					Olive-grey metabasite at 335.9-336.Ø is moderately calcareous, PS_2 foliated, pervasively chloritized and has relict porphyritic igneous texture overprinted by S_2. White fg anhedral (leucoxene?) and black fg anhedral (amphibole, pyroxene?) phenocrysts.
4 341.2	342.8			5C6	(100#:5EØ) 92:Ø7:Ø1
					Medium grey v.f.g. aphanitic groundmass, white fg. anhedral (leucoxene?) phenocrysts, and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Overprinted by olive-grey chloritic bands parallel S_2. Weakly calcareous. PS_2 foliated to massive. Grey S_2 fracture surfaces. Moderately soft to soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 80°. Sharp lower contact at CA 40°. Minor healed breccia at 342.Ø
					Blocky core at 341.2-341.5.
					White-grey bull quartz-calcite concordant bands (veins? beds?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5C6.
					Blue-grey phyllitic marble interbands parallel S_2 are very calcareous, moderately soft and have fairly sharp contacts with 5C6.

DDH 91-WL-02

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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	342.8	347.6			5BØ	(5EØ:1ØQ#) 96:Ø2:Ø2
						Light to medium grey phyllite with 7% off-white quartz-calcite siltstone laminae/beds following $S_1, S_2/S_2$. Strongly calcareous (quickly etched by 10% HCl acid). CS_2 and PS_2 foliated. Moderately soft. Trace euhedral-cubic and euhedral-pyritohedral pyrite within quartz-calcite pods and bands parallel S_2. Very good core recovery. Good RQD. Sharp upper contact at CA 4Ø°. Gradational lower contact parallel S_2.
						Blue-grey phyllitic marble interbeds parallel S_2 and following S_1 are very calcareous, moderately hard, and have fairly sharp contacts with 5BØ.
						White-grey bull quartz-calcite concordant bands (veins? beds?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ, 5EØ. ✓
L	347.6	353.8			5BØ2	(1ØQ#) 95:Ø5
						Dark to medium grey slightly carbonaceous phyllite with 10% off-white quartz-calcite laminae/beds following $S_1, S_2/S_2$. Moderately calcareous. CS_2 and PS_2 foliated. Dark grey silvery S_2 fracture surfaces. Moderately soft to soft. Good core recovery. Fair to poor RQD. Rubbly to blocky core at 348.Ø, 348.1, 349.Ø-35Ø.4, 35Ø.5-35Ø.6, 35Ø.8-351.Ø, 351.9-353.8. Gradational contacts parallel S_2. Clayey fault-gouge at 348.Ø at CA 4Ø°.
						White-grey bull quartz-calcite concordant bands (veins? beds?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ2.
L	353.8	359.3			5BØ	
						Light to medium grey phyllite with 20% off-white quartz-calcite siltstone laminae/beds following $S_1, S_2/S_2$. Strongly calcareous (quickly etched by 10% HCl acid). CS_2

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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						and P_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite within quartz-calcite pods, bands parallel S_2. Very good core recovery. Good to fair RQD. Blocky core at 353.8-354.1, 355.2-355.5, 356.5-357.2. Gradational upper contact parallel S_2. Sharp lower contact at CA 45°. (clayey fault gouge 3 cm. wide)
L	3593	3599			5BØ	Chaotic (rotated?) block between two clayey fault gouges. Light to moderate grey phyllite with 20% off-white quartz-calcite laminae following S_1, S_2. Chaotic appearance. Moderately calcareous. C_2 foliated. (chloritic). Silvery grey fracture surfaces. Moderately soft. No sulphides. Good core recovery, RQD. Sharp fault contacts at upper (clayey fault gouge 3 cm. wide at CA 45°) and lower (clayey fault gouge Ø.5 cm wide at CA 30°) contacts. S_2 at lower CA angle (70°-60°) than blocks above, below (CA 70°-CA 90°). Chaotic appearance may be due to drag folding. C, S - structures.
L	3599	3697			5BØ	(100#: 5C7: 5EØ) 95:Ø3:Ø2: TRACE. Light to medium grey phyllite with 10% off-white quartz-calcite laminae/beds following S_1, S_2 / S_2. Moderately calcareous. C_2 and P_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite within quartz-calcite pods, bands parallel S_2. Very good core recovery. Good RQD. Blocky core at 364.4. Sharp upper fault gouge contact at CA 30°. Sharp lower contact at CA 40° (clayey fault gouge Ø.5 cm. wide). White-grey bull quartz-calcite concordant bands (veins? beds?) subparallel S_2 are moderately calcareous, hard and have sharp contacts with 5BØ. Contain xenoliths of country rock. Chloritic-banded metabasite at 363.Ø-363.7 has relict porphyritic igneous texture overprinted by S_2, is calcareous, and have sharp contacts with 5BØ, 5EØ.

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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	3697	3700			5FØ	Rotated block between two fault gouges. Chaotic, slightly chloritic phyllite/siltstone with S_2 at lower CA than blocks above, below. Minor healed breccia, polymict with subround, elongate clasts 1-2 cm long of 5BØ, 5EØ. Strongly calcareous, CS_2 and PS_2 foliated. Moderately soft. Sharp fault gouged upper (CA 40°; clayey; Ø.25 cm wide), lower (CA 25°; clayey; Ø.1 cm. wide).
L	3700	3797			5BØ	(5BØ2 : 100# : 5EØ) 60 : 35 : Ø5 : TRACE Light to medium phyllite with 10% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately soft. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite within quartz-calcite pods and laminae parallel S_2. Trace euhedral-cubic pseudomorphs (after pyrite) pyrrhotite within quartz-calcite pods, bands, laminae parallel S_2. Very good core recovery. Good RQD. Blocky core at 37Ø.Ø-37Ø.3. Gradational upper, lower contacts parallel S_2. Dark grey slightly carbonaceous phyllite interbeds, interlaminae parallel S_2 are moderately calcareous, soft and have gradational contacts with 5BØ. White-grey quartz-calcite concordant bands (beds? veins?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ, 5BØ2. Blue-grey phyllitic marble interbeds are very calcareous, moderately soft and have fairly sharp contacts with 5BØ, 5BØ2.
L	3797	3833			5BØ2	(5BØ : 100# : 5C8) 45 : 4Ø : Ø4 : Ø1 Dark to medium grey weakly carbonaceous phyllite with 7% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey fracture surfaces. Moderately soft to soft. Trace euhedral-cubic-

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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						pyrite within quartz-calcite pods, bands parallel S_2. Trace euhedral-cubic pseudomorphs (after pyrite) within quartz-calcite pods, bands parallel S_2. Very good core recovery. Good core recovery. Gradational upper, lower contacts parallel S_2.
						Light to medium grey phyllite interbeds, interlaminae parallel S_2 are moderately calcareous, moderately soft, and have gradational contacts parallel S_2.
						White-grey quartz-calcite concordant bands (beds? Veins?) subparalleling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ2, 5BØ.
						Chloritic metabasite at 383.1-383.15 has relict slightly porphyritic igneous texture with little S_2 overprint, is moderately calcareous and moderately hard, and has sharp contacts with 5BØ2, 5BØ (Upper, lower contacts at CAØ=90° convoluted and CA=85°, respectively.
L	383.3	385.6			5BØ2	BLOCKY TO RUBBLY, CLAYEY GOUGES.
						Dark grey weakly carbonaceous phyllite with 5% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey S_2 fracture surfaces. Moderately soft to soft. Trace euhedral-cubic (1-2 cm. dia.) pyrite along quartz-calcite pods and bands parallel S_2. Good core recovery. Blocky to rubbly core at 383.3-384.4, 385.2-385.6. Clayey gouges at 383.4-383.45 (CA angle difficult to discern), 384.Ø. Gradational upper, lower contacts parallel S_2.
L	385.6	388.9			5BØ	(5BØ2:1ØQ#) 6Ø:37:Ø3
						Light to medium grey phyllite with 10% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey

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From	To	Recov.	No.	Unit	Description
					S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite within quartz-calcite pods along bands parallel S_2. Trace euhedral-cubic pseudomorphs (after pyrite) pyrrhotite within quartz-calcite pods along bands; core replacement of pyrite by pyrrhotite seen at 386.8. Good core recovery. Fair to poor RQD. Blocky core at 387.1-387.7, 388.4-388.5. Gradational upper, lower contacts parallel S_2.
L 3889	3902			5B6	(5B62) 70:30
					Light to medium grey phyllite with 5% off-white quartz-dolomite siltstone laminae/beds following $S_1, S_2 // S_2$. Weakly calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace to 1% euhedral-cubic pyrite within quartz-calcite pods along bands parallel S_2. Very good core recovery. Good to fair RQD. Blocky core at 3889-3890, 3897-3899. Gradational upper, lower contacts parallel S_2.
					Dark to medium grey weakly carbonaceous phyllite interbeds, interlaminae parallel S_2 are weakly calcareous, CS_2 and PS_2 foliated, moderately soft to soft, and have gradational contact with 5B6
L 3902	3972			5B0	(5B02: 100%) 65:30:05
					Light to medium grey phyllite with 10% off-white quartz-calcite siltstone laminae/beds following $S_1, S_2 // S_2$. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite within pods along bands parallel S_2. Very good core recovery. Good to fair RQD. Blocky to rubbly core at at 3902-3903, 3910-3913, 3923-3925, 3962-3965, 3967-3968. Gradational upper contact parallel S_2. Sharp lower contact at CA20°.
					Dark to medium grey weakly carbonaceous phyllite interbeds, interlaminae

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						parallel S_2 are moderately calcareous, CS_2 and PS_2 foliated, moderately soft to soft, and have gradational contacts with 5BØ.
						White-grey quartz-calcite concordant bands (beds? veins?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ, 5BØ2.
L	397.2	399.Ø			5B6	(5B62:1ØØ#$) 6Ø:3Ø:1Ø
						Light to medium phyllite with 5% offwhite quartz-dolomite siltstone laminae/beds following S_1, S_2/S_2. Weakly calcareous. CS_2 and PS_2 foliated. Dark silvery grey S_2 fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Blocky core at 398.6-399.Ø. Sharp upper contact at C|2Ø°. Gradational lower contact parallel S_2.
						Dark to medium weakly carbonaceous phyllite interbeds, interlaminae parallel S_2 are weakly calcareous, CS_2 and PS_2 foliated, and have gradational contacts with 5B6.
						White-grey - dark grey quartz-calcite-dolomite concordant bands (beds? veins?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts at 5B6, 5B62.
L	399.Ø	399.7			5F76	(1ØØ$) 5Ø:5Ø
						Olive grey weakly chloritic-banded phyllite with 5% offwhite quartz-dolomite siltstone laminae/beds following S_1, S_2/S_2. Weakly calcareous. PS_2 and (locally) CS_2 foliated. Olive silvery grey S_2 fracture surfaces. Soft. No sulphides. Very good core recovery, RQD. Gradational upper parallel S_2. Sharp convolute lower contact subparallel S_2 marked by bull quartz-dolomite band.
						White-creamy grey bull quartz-dolomite band (bed? vein?) subparallelling S_2 at 399.5-399.7 is weakly calcareous, hard, and have sharp contacts with 5F76

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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	399.97	400.0			5B02	(100$) 70:30 Dark to medium weakly carbonaceous phyllite with 5% off-white quartz-dolomite siltstone laminae/beds following $S_1, S_2/S_2$. Weakly calcareous. PS_2 and (locally) CS_2 foliated. Dark silvery grey S_2 fracture surfaces. Moderately soft to soft. 1-2% euhedral-subhedral cubic (0.5-2.0 cm dia.) pyrite disseminated, especially at 399.95-400.0. Good core recovery. Fair RQD. Sharp upper (undulating) contact. Sharp lower contact at CA 80°. White-cream-grey quartz-dolomite concordant bands (beds? veins?) parallel S_2 are weakly calcareous, hard, and have sharp contacts with 5B02.
L	400.0	400.4			5C7	(100%:5D0) 80:15:05. Medium grey v.f.g. aphanitic metabasaltic groundmass, white f.g. euhedral (leucoxene?) phenocrysts and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Overprinted by off-white quartz-calcite and olive grey chloritic bands parallel S_2. Moderately soft. No sulphides. Good core recovery. Fair to good RQD. Sharp upper contact at CA 80°. Sharp lower contact at CA 75°. White-grey quartz-calcite concordant bands (beds? veins?) subparallelling S_1, S_2. are moderately calcareous, hard, and have sharp contacts with 5C7 (marked by olive chloritic phyllite).
L	400.4	403.0			5B6	(5B62:100#) 60:37:02 Light to medium phyllite with 10% off-white quartz-dolomite siltstone laminae/beds following $S_1, S_2/S_2$. Weakly calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic (1-2 cm dia.) pyrite within quartz-calcite pods along bands parallel S_2 at 400.4-403.0.

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From	To	Recov.	No.	Unit	Description
10 14	16 20	22 24	26 28	30 34	35
					Very good core recovery. Good RQD. Blocky core at 400.4-400.9, 401.4-401.9. Clayey fault gouge at 401.65-401.7; upper, lower contacts both at CA75°.
					Dark to medium weakly carbonaceous phyllite interbeds, interlaminae parallel S_2 are weakly calcareous, moderately soft to soft, and gradational contacts with 5BØ.
					White-grey quartz-calcite concordant bands (beds? veins?) subparallelling S_2 are strongly calcareous, hard, and have sharp contacts with 5BØ, 5BØ2.
L 4043	4183			5BØ	(5BØ2) 8Ø:2Ø
					Light to medium grey phyllite with 20% off-white quartz-calcite siltstone laminae/beds following S_1, S_2 / S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite (Ø.5-3.Ø cm. dia.) within quartz-calcite pods along bands parallel S_2. Trace euhedral-cubic pseudomorphs (after pyrite) pyrrhotite within quartz-calcite pods along bands parallel S_2. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2. Cross-cut by quartz-calcite veinlets at CA Ø-3Ø° near lower contact.
					Dark to medium weakly carbonaceous phyllite interbeds, interlaminae following S_1, S_2 are moderately calcareous, CS_2 and PS_2 foliated, moderately soft to soft, and have gradational contacts with 5BØ.
L 4183	4188			5FØ	(1ØQ#) 7Ø:3Ø
					Olive green grey weakly chloritic phyllite with 7% off-white quartz-calcite siltstone laminae/beds following S_1, S_2 / S_2. Moderately calcareous. CS_2 and PS_2 foliated. Olive silvery grey S_2 fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2. Cross-cut by quartz-calcite

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From	To	Recov.	No.	Unit	Description
10 14	16 20	22 24	26 28	30 34	35
					Veinlets at CA 45°.
					White-grey bull quartz-calcite concordant bands (beds? veins?) subparalleling S_2 are moderately calcareous, hard, and have sharp contacts with 5FØ.
4188	4197			5BØ	
					Light to medium grey phyllite with 15% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Gradational upper contacts parallel S_2. Sharp lower contact at CA 85°.
4197	4201			5C7	
					Medium grey v.f.g. aphanitic metabasitic 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 parallel S_2. Moderately calcareous. PS_2 foliated. Olive grey S_2 fracture surfaces. Moderately soft. No sulphides. Very good core recovery, RQD. Sharp upper contact at CA 85°. Sharp lower contact at CA 80°.
4201	4203			5BØ	
					Light to medium grey phyllite with 20% off white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral cubic pyrite within quartz-calcite pods along bands parallel S_2. Very good core recovery. Good RQD. Sharp upper

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						contact at CA 80°. Sharp lower contact at CA 75°.
L	4203	4217			5C7	(5C8) 70:30
						Medium grey vf-fg. aphanitic metabasitic groundmass, white fg. anhedral (leucoxene?) phenocrysts and black fg. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Olive grey chloritic bands parallel S_2 overprint. Moderately calcareous. PS_2 and (locally) CS_2 foliated. Grey S_2 fracture surfaces. Moderately soft to moderately hard. Upper, lower chill margins. Very good core recovery. Good RQD. Sharp upper contacts at CA 75°. Sharp lower contact at CA 70°.
						Pervasively chloritic metabasite is olive grey and occurs towards the core of the unit.
L	4217	4250			58Ø	(5BØ2) 80:20
						Light to medium grey phyllite with 15% off-white quartz-calcite siltstone laminae/beds following $S_1, S_2 // S_2$. Moderately calcareous. CS_2 to PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral cubic pyrite within quartz-calcite pods along bands parallel S_2. Very good core recovery. Good RQD. Sharp upper contact at CA 70°. Gradational lower contacts parallel S_2.
						Dark to medium weakly carbonaceous phyllite interbeds, interlaminae parallel S_2 are moderately calcareous, CS_2 and PS_2 foliated, moderately soft, and have gradational contacts with 5BØ.
L	4250	4255			5FØ	(1ØQ#) 60:40
						Olive green-grey weakly chloritic phyllite with 5% off-white quartz-calcite

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From	To	Recov.	No.	Unit	Description
					siltstone laminae/beds following $S_0, S_2 // S_2$. Moderately calcareous. P_{S_2} foliated. Olive silvery grey S_2 fracture surfaces. Moderately soft. No sulphides. Good core recovery. Fair to poor RQD. Rubbly core at 425.2-425.3. Gradational upper lower contacts parallel S_2.
					White-grey quartz-calcite concordant bands (beds? veins?) parallel S_2 are moderately calcareous, hard and have sharp contacts with SFP.
4255	4283			5B0	
					Light to medium grey phyllite with 15% off-white quartz-calcite siltstone laminae/beds following $S_0, S_2 // S_2$. Moderately calcareous. C_{S_2} and P_{S_2} foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral cubic pyrite within quartz-calcite pods along bands parallel S_2. Very good core recovery. Good RQD. Gradational upper lower contacts parallel S_2.
4283	4304			5B6	
					Light to medium grey phyllite with 10% off-white quartz-calcite laminae/beds following $S_0, S_2 // S_2$. Weakly calcareous. C_{S_2} and P_{S_2} foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite within quartz-calcite pods along bands parallel S_2. Very good core recovery. Good RQD. Gradational upper contact parallel S_2. Sharp lower contacts at 070°.
4304	4312			5C716	
					Medium grey vfg. aphanitic metabasic groundmass, white fg. anhedral (leucocene?)

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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						phenocrysts within relict porphyritic igneous texture. Overprinted by ↑ olive chloritic bands parallel S_2. Weakly calcareous. FS_2 foliated to massive. Olive grey S_2 fracture surfaces. Moderately hard (weakly siliceous). No sulphides. Minor healed oligomict breccia at 430.6 along quartz-calcite band. Very good core recovery, RQD. Sharp upper contact at CA 70°. Sharp lower contact at CA 80°.
L	431.2	431.6			5B6	
						Light to medium phyllite with 5% off-white quartz-dolomite laminae/beds following S_1, S_2/S_2. Weakly calcareous. CS_2 and FS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 80°. Gradational lower contact parallel S_2.
L	431.6	434.2			5BØ	(5BØ2: 100#); 6Ø:35:Ø5
						Light to medium grey phyllite with 15% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2 and FS_2 foliated. Silvery grey S_2 fracture surfaces. Trace euhedral-cubic pyrite as quartz-calcite pods along beds parallel S_2.
						Darker grey weakly carbonaceous phyllite interbeds, interlaminae parallel S_2 are moderately calcareous, moderately soft to soft, and have gradational contacts with 5BØ.
						White-grey quartz-calcite concordant bands (beds? veins?) subparallel S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ, 5BØ2.

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CURRAGH RESOURCES INC.
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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	4342	4383			5C8	&1(5BØ2:1ØQ#) 49:48:Ø3
						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. Weak S_2 overprint as off-white quartz-calcite bands, laminae parallel S_2. No sulphides. Very good core recovery. Good RQD. Blocky to rubbly core at 435.3-435.5. Gradational upper, lower contacts parallel S_2. Individual metabasites have sharp contacts with 5BØ2 parallel S_2. Occur at 434.2-434.5, 434.6, 437.1, 437.15, 435.6, 437.Ø, 437.3, 437.7, 437.2-437.3, 437.4-437.5, 437.7, 438.Ø, 438.2-438.3
						Dark grey weakly carbonaceous phyllite with 10% quartz-calcite siltstone laminae/beds following S_1, S_2 / S_2. Moderately calcareous. CS_2 and PS_2 foliated. Moderately soft. Trace euhedral-pyrite and euhedral-pyritohedral pyrite within quartz-calcite pods within bands parallel S_2. Very good core recovery. Good RQD. Blocky core at 435.3-435.5. Sharp contacts with 5C8.
						White-grey buff quartz-calcite concordant bands (beds? veins?) subparallel/veining S_2 fabric moderately calcareous, hard and have sharp contacts with 5BØ2.
L	4383	4494			5BØ	(5BØ2:1ØQ#) 65:3Ø:Ø5
						Light to medium grey phyllite with 15% off-white quartz-calcite laminae/beds following S_1 / S_2 / S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite within quartz-calcite pods along bands parallel S_2. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2. Euhedral cubic pyrrhotite (after pyrite) within quartz-calcite pods along bands parallel S_2 below 443.Ø. Minor brecciated at 440.5.
						Darker, more carbonaceous phyllite interbeds, interlaminae parallel S_2 are moderately calcareous, moderately soft to soft, and have gradational contacts with 5BØ.

DDH 91V4-02

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb. 28/91 Logged By: D. Hallinwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						White-grey bull quartz-calcite concordant bands (beds? veins?) subparallel S_2 are very calcareous, hard, and have sharp contacts with 5BØ, 5BØ2. Xenoliths of 5DØ. Pyrrhotite rim replacement of pyrite at 449.1.
L	449.4	453.2			5BØ	(5BØ2:100%) 60:35:05 Light to medium grey phyllite with 15% offwhite quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic and euhedral-pyritohedral pyrite (1-2cm. dia.) within quartz-calcite pods along bands parallel S_2; rim replacement by pyrrhotite. Good core recovery. Ø.1m. core loss at 450.9-451.5. Good to fair core recovery. Blocky to rubbly core at 450.9-451.5. Blocky core at 453.9-454.2. Gradational upper, lower contacts parallel S_2. Darker grey weakly carbonaceous phyllite interbeds, interlaminae are moderately calcareous, moderately soft to soft, and have gradational contacts with 5BØ. White-grey bull quartz-calcite concordant bands (beds? veins?) subparallelling S_2 are very calcareous, hard, and have sharp contacts with 5BØ, 5BØ2.
L	453.2	454.7			5BØ	BLOCKY TO RUBBLY. CLAYEY FAULT GOUGE. Light to medium grey phyllite with 15% offwhite quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft to soft. No sulphides. Poor core recovery. Approx. 1.Øm. core loss at 453.2-454.7. Poor RQD. Blocky core throughout. Rubbly core at 454.1-454.4. Clayey fault gouge at CA 60° at 454.7. Gradational upper contact parallel S_2. Sharp lower fault-related contact at CA 75°

DDH 91DY-02

CURRAGH RESOURCES INC.
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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	4547	4672			5BØ	&1 (5EØ:100#) 98:Ø2:TRACE
						Light to medium grey phyllite with 15% off-white quartz-calcite siltstone laminae/beds following $S_1, S_2 // S_2$. Moderately to strongly calcareous (locally, quickly etched by 10% HCl acid). CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces, moderately soft to moderately hard (where silicified - 461.2m., 467.6m, etc.). Soft at 466.1-466.5. Trace euhedral-cubic and euhedral-pyritohedral pyrite within quartz-calcite pods along bands parallel S_2; rim replacement of pyrite by pyrrhotite is frequently seen. Very good core recovery. Good to fair RQD. Blocky to rubbly core at 454.8-452.2, 466.1-466.5. Gradational upper, lower contacts parallel S_2.
						Blue-grey phyllitic marble at 459.6, 461.Ø, 463.6, 464.4-464.5, 467.15 interbeds, interlaminae are very calcareous, CS_2 and PS_2 foliated, moderately soft, and have fairly sharp contacts following S_1, S_2.
						White-grey bull quartz-calcite concordant bands (beds? veins?) subparallelling S_2 are very calcareous, hard, and have sharp contacts with 5BØ, 5EØ.
L	4672	4715			5BØ	(5BØ2:100#:5EØ) 6Ø:35:Ø3:Ø2
						Light to medium grey phyllite with 10% off-white quartz-calcite siltstone laminae/beds following $S_1, S_2 // S_2$. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite (1-2cm dia.) within quartz-calcite pods along bands parallel S_2; rim replacement of pyrite by pyrrhotite is frequently seen. Very good core recovery. Good RQD. Blocky core and minor healed oligomict breccia at 469.3-469.8. Gradational upper, lower contacts parallel S_2.
						Darker grey slightly carbonaceous phyllite interbeds, interlaminae following S_1, S_2 are moderately calcareous, CS_2 and PS_2 foliated, moderately soft, and have gradational contacts with 5BØ.
						White-grey bull quartz-calcite concordant bands (beds? veins?) subparallelling

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CURRAGH RESOURCES INC.
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Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Blue-grey phyllitic marble interbeds, interlaminae following S_1, S_2 are very calcareous, moderately soft, and have fairly sharp contacts with 5BØ, 5BØ2.
L	4715	48ØØ			5BØ	
						Light to medium grey phyllite with 2Ø% off-white quartz-calcite siltstone laminae/beds following $S_1, S_2/S_2$. Moderately to strongly calcareous (locally, quickly etched by 1Ø% HCl acid). CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Rare trace euhedral-cubic pyrite within quartz-calcite pods along bands parallel S_2. Trace euhedral-cubic (deformed cubic) pyrrhotite pseudomorphs after pyrite (rim replacement frequently seen) within quartz-calcite pods along bands parallel S_2. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2.
L	48ØØ	4837			5BØ2	(1ØQ#) 98:Ø2
						Dark to medium grey weakly carbonaceous phyllite with 1Ø% off-white quartz-calcite siltstone laminae/beds following $S_1, S_2/S_2$. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey S_2 fracture surfaces. Moderately soft to soft. Rare trace euhedral-cubic pyrite within quartz-calcite pods along bands parallel S_2. Good core recovery. Good to poor RQD. Blocky core at 48Ø.4–482.6. Clayey fault gouge at 481.5 at CA 5Ø°. Gradational upper, lower contacts parallel S_2.
						White-grey bull quartz-calcite concordant bands (beds? veins?) subparalleling S_2 are very calcareous, hard, and have sharp contacts with 5BØ2.
L	4837	4850			5BØ	→ 5FØ

DDH 91V-02

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb 28/91 Logged By: D. Halliwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						Light to medium phyllite with 10% off-white quartz-calcite laminae/beds following $S_1, S_2/S_2$; olive greenish tint (chlorite); and late quartz-calcite veinlets at C.A Ø°-30°. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey ± olive S_2 fracture surfaces. Moderately soft. No sulphides. Minor healed oligomict clast-supported breccia at 484.Ø-484.1, 484.7. Very good core recovery. Gradational upper contacts parallel S_2. Sharp lower contact at C.A 7Ø°. More chloritic downhole. Minor 5EØ interbeds at 484.8.
L	485Ø	4859			5C8	
						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. Weak S_2 overprint (off-white quartz-calcite bands, laminae parallel S_2. Hypabyssal (subvolcanic). Moderately calcareous. PS_2 foliated to massive. Olive grey S_2 fracture surfaces. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at C.A 7Ø°; Sharp lower contact at C.A 8Ø°. Upper, lower chill margins (dyke, not a sill?).
L	4859	4869			5B9	→ 5FØ
						Light to medium phyllite with 5% off-white quartz-calcite laminae/beds following $S_1, S_2/S_2$; olive greenish tint (chlorite); and late quartz-calcite veinlets at C.A Ø°-30° (following L_3, L_4, L_5?). Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey ± olive S_2 fracture surfaces. Moderately soft. No sulphides. Very good core recovery. Good RQD. Blocky core at 486.7 - 486.9. Sharp upper contact at C.A 8Ø°. Gradational lower contact parallel S_2. Possible Ø.1m. core loss at 486.7-486.9

DDH 91LY-02

CURRAGH RESOURCES INC.

Lithologic Log

Date: Feb. 28/91 Logged By: D. Hallinall

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	488.69	488.84			5BØ	(1ØQ#) 95:Ø5 Light to medium grey phyllite with 15% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Moderately soft. Silvery grey S_2 fracture surfaces. Trace euhedral-cubic pyrite, euhedral-cubic pseudomorphs (after pyrite) of pyrrhotite within quartz-calcite pods along bands parallel S_2. Very good core recovery. Good RQD. Gradational upper contact parallel S_2. Sharp lower contact at @ 85°.
L	488.84	488.87			5C8	(5BØ2:1ØQ#) 6Ø:3Ø:1Ø Olive-grey v.f.g. aphanitic metabasitic groundmass, white f.g. anhedral (leucoxene?) phenocrysts, and black f.g. subhedral (amphibole, pyroxene?) phenocrysts within relict porphyritic igneous texture. Moderately calcareous. PS_2 foliated to massive. Olive grey S_2 fracture surfaces. Moderately soft. 1-2% euhedral-cubic pyrite within quartz-calcite pods along bands parallel S_2. Good core recovery. Sharp upper contact at @ 85°. Dark to medium grey weakly carbonaceous phyllite with 5% off-white quartz-calcite laminae/beds following S_1, S_2/S_2 at 488.6-488.65. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey S_2 fracture surfaces. Moderately soft to soft. No sulphides. White-grey bull quartz-calcite concordant bands (beds? veins?) subparallelling S_2, are very calcareous, hard, and have sharp contacts with 5C8, 5BØ2.
L	488.87	489.Ø			5BØ	Light to medium grey phyllite with 5% off-white quartz-calcite siltstone laminae/beds following S_1, S_1/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces.

DDH 91VY-02

CURRAGH RESOURCES INC.
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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						Moderately soft. No sulphides. Very good core recovery. Good RQD. Sharp upper contact at CA 85°. Sharp lower contact at CA 75°.
L	489.0	489.9			5F0	(5C8:10Q#) 60:25:15
						Olive grey weakly chloritic phyllite with 5% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Olive silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite (rim replacement by pyrrhotite) within quartz-calcite pods along bands parallel S_2. Very good core recovery. Good to fair RQD. Blocky core at 489.2-489.3, 489.4-489.5. Gradational upper, lower contacts parallel S_2.
						Olive grey chloritic metabasite at 489.1-489.2 has relict porphyritic igneous texture and S_2 overprint, is moderately calcareous, PS_2 foliated to massive, are moderately soft, and have sharp contacts parallel S_2.
						White-grey bull quartz-calcite concordant bands (beds? veins?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5F0, 5C8.
L	489.9	491.3			5B02	(5F0:10Q#) 70:25:05
						Dark to medium weakly carbonaceous phyllite with 10% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. PS_2 to (rarely) CS_2 foliated. Dark silvery grey S_2 fracture surfaces. Moderately soft to soft. No sulphides. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2.
						Olive grey weakly chloritic phyllite at 490.2-490.3, 490.6-490.7, and 491.1 have 5% off-white quartz-calcite siltstone laminae, beds parallel S_2.

DDH 91D-Ø2 (2 8)

CURRAGH RESOURCES INC.
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Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						are moderately calcareous, PS_2 foliated, moderately soft, and have gradational contacts with 5BØ2.
						White-grey bull quartz-calcite concordant bands (beds? veins?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ2, 5FØ.
L	491.3	492.1			5BØ2	(1ØQ#: 5EØ) 8Ø:15:Ø5
						Dark grey weakly carbonaceous phyllite with 5% off-white quartz-calcite siltstone laminae/beds following $S_1, S_2/S_2$. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey S_2 fracture surfaces. Moderately soft to soft. No sulphides. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2.
						White-grey bull quartz-calcite concordant bands (beds? veins?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ2.
						Blue-grey phyllitic marble interbed at 491.4-491.5 is very calcareous, moderately soft, and have fairly sharp contacts parallel S_2.
L	492.1	507			5BØ	(5BØ2: 5BØ→5FØ: 1ØQ#) 65:3Ø:Ø4:Ø1
						Light to medium phyllite with 7% off-white quartz-calcite siltstone laminae/beds following $S_1, S_2/S_2$. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pyrite and euhedral-cubic pseudomorphs (after pyrite) pyrrhotite within quartz-calcite pods along bands, laminae parallel S_2. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2. Minor healed breccia at 496.5, 505.Ø.
						Darker grey weakly carbonaceous phyllite interbeds, interlaminae following S_1, S_2 are moderately calcareous, moderately soft to soft, and have gradational contacts with 5BØ.
						Olive grey tinted (weakly chloritic) phyllite occurs at 492.1-492.6.

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CURRAGH RESOURCES INC.
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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						White-grey bull quartz-calcite concordant bands (beds? veins?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5BØ, 5BØ2.
L	5Ø67	5Ø96			5BØ2	(100#) 95:Ø5 Dark to medium grey weakly carbonaceous phyllite with 10% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2, PS_2 foliated. Dark silvery grey S_2 fracture surfaces. Moderately soft to soft. Trace euhedral-cubic pseudomorphs (after pyrite) pyrrhotite within quartz-calcite pods along bands parallel S_2. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2 White-grey bull quartz-calcite concordant bands (beds? veins?) subparallelling S_2 are very calcareous, hard, and have sharp contacts at 5BØ2.
L	5Ø96	51Ø3			5BØ2	RUBBLY-BLOCKY ZONE. Dark to medium grey weakly carbonaceous phyllite with 5% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey S_2 fracture surfaces. No sulphides. Fair to good core recovery. Poor RQD. Blocky to rubbly core throughout. Gradational upper/lower contacts parallel S_2.
L	5103	52Ø2			5BØ2	(5BØ: 100#) 5Ø:45:Ø5 Dark to medium grey weakly carbonaceous phyllite with 10% off-white quartz-calcite siltstone laminae/beds following S_1, S_2/S_2. Moderately calcareous. CS_2

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Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						and PS_2 foliated. Moderately soft to soft. Trace euhedral-cubic pseudomorphs (after pyrite) of pyrrhotite within quartz-calcite pods along bands parallel S_2. Very good to good core recovery. Good to fair RQD. Blocky to rubbly core at 514.3-515.7, 516.0-516.3. Gradational upper, lower contacts parallel S_2.
						Lighter grey phyllite interbeds, interlaminae following S_1, S_2 are moderately calcareous, moderately soft, and have gradational contacts with 5B02.
						White-grey bull quartz-calcite concordant bands (beds? veins?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with 5B02, 5B0.
L	5202	5212			5B02	BLOCKY TO RUBBLY ZONE.
						Dark to medium grey weakly carbonaceous phyllite with 10% off-white quartz-calcite siltstone laminae/beds following $S_1, S_2/S_2$. Moderately calcareous. CS_2 and PS_2 foliated. Dark silvery grey S_2 fracture surfaces (no graphite). Soft. No sulphides. Good core recovery. Fair to poor RQD. Blocky core throughout. Rubbly core at 520.9-521.2. Gradational upper, lower contacts parallel S_2.
L	5212	5304			5B0	(5B02: 100#) 60:37:03
						Light to medium grey phyllite with 10% off-white quartz-calcite siltstone laminae/beds following $S_1, S_2/S_2$. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey S_2 fracture surfaces. Moderately soft. Trace euhedral-cubic pseudomorphs (after pyrite) of pyrrhotite within quartz-calcite pods along bands parallel S_2. Very good core recovery. Good RQD. Gradational upper, lower contacts parallel S_2. Minor healed oligomict clast-supported breccias at 527.0, 528.8. Limonitic stains.
						Darker grey weakly carbonaceous phyllite interbeds, interlaminae following S_1, S_2

DDH 91KY-02

CURRAGH RESOURCES INC.
Lithologic Log

Date: Feb 28/91 Logged By: D. Hallwell

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						are moderately calcareous, soft, and have gradational contacts with SBØ.
						White-grey bull quartz-calcite concordant bands (beds? veins?) subparallelling S_2 are moderately calcareous, hard, and have sharp contacts with SBØ, SBØ2
						→ 5B4
L	5300	5330			5B62	(5B6 : 100$) 60:35:05
						Dark to medium grey weakly carbonaceous phyllite with 10% off-white quartz-dolomite siltstone laminae/beds following S_1, S_2/S_2. Weakly calcareous. Dark silvery grey fracture surfaces. Moderately soft to soft. Moderately soft to soft. No sulphides. Limonitic stains (ochre-coloured). Very good core recovery. Good RQD. Gradational upper contact parallel S_2. Sharp lower contact at @ 45°. Weak yellowish sericitization?
						Lighter grey phyllite interbeds, interlaminae following S_1, S_2 are weakly calcareous, moderately soft, and have gradational contacts with 5B62.
						White-grey ±clear bull quartz-dolomite concordant bands (beds? veins?) subparallelling S_2 are weakly calcareous, hard, and have sharp contacts with 5B62, 5B6.
						CONTINUED ON NEXT PAGE

DDH 91DY-02 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

ORE

Date: JAN 91 Logged By:

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35.
	533.0	534.7			AE9	
						Brassy yellow massive pyritic unit is noncalcareous and hosts a very rare poorly defined banding. Unit supports rare fracture fillings and wisps of Zn mineralization. Rock is hard moderately broken with good recovery. Upper contact is sharp and oriented parallel strong shear fabric of upper unit. Lower contact is sharp at 37° TCA and strongly disrupted by clast supported breccia. Calcite is infilling breccia
	534.7	535.0			AE4	
						Purplish brown unit is strongly Zn + Pb mineralized and displays a moderately strong clast supported breccia fabric with poorly rotated fragments. Remobilized pyrite clots and stringers is common within calcite fillings. Unit is massive and displays no obvious banding. Rock hosts < 15% pyrite. Rock is hard to slightly hard & unbroken. Upper and lower contacts are sharp with upper contact @ 37° TCA and lower @ 55° TCA // banding of lower unit.

DDH 91WY-02 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

GTC

Date JAN 91 Logged By: T. Theriault

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	535.9	535.2			4CO	
						Light grayish locally brassy yellow, non-calcareous unit hosts 15% disseminated pyrite commonly defining banding at 55° TCA. Pb+Zn mineralization is rare but does occur sparingly over the first 5.0 cm. of interval. Unit is very hard very siliceous & unbroken. Upper and lower contacts are parallel banding.
	535.2	540.1			5B1	± → 4L1*
						Medium gray, moderately calcareous phyllite displays a poorly preserved CS_0 fabric locally $CS_0 \Rightarrow BS_0$. Unit is moderately to strongly silicified and locally sericitically altered and faintly resembling 4L1*. Unit lacks detectable Pb+Zn mineralization. Upper contact is sharp and oriented parallel S_0 and banding of upper unit. Lower contact is sharp and parallel S_0.
	540.1	540.9			4LO	±1(4EO) 83 : 17
						Yellowish buff non-calcareous phyllite is strongly altered to 4LO and moderately silicified above 10cm band of 4EO at 540.3 - 540.4. 4LO hosts 10% disseminated bands of Po (<1.0cm) parallel S_0. No detectable Pb+Zn mineralization occurs in the 4LO. 4EO is Brassy yellow non-calcareous and displays no visible Pb+Zn mineralization

DDH 90-DY-02 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN '91 Logged By: J. Zsectnak

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Rock is moderately soft where no silicification, or ALO exists. Recovery is good, with strong to moderate breakage at core. All contacts are sharp and parallel S_2.
	549.9	541.5			5B11	± → ALO
						Light to medium gray phyllite is non-calcareous, moderately to strongly silicified and hosts 0-1% elty disseminated bands of Po oriented parallel S_2. Unit displays a very weak alteration approaching ALO. No visible Py or mineralized. Rock is strongly broken, hard and has good recovery. Upper and lower contacts are sharp and parallel S_2.
	541.5	542.9			5A10	1
						Very dark gray, non-calcareous PS_2 foliated, slightly hard with S_2 surfaces specifically slightly tarnish. Ranges dark gray to black. Unit hosts trace -1% scattered Po clots and veins. Rock is slightly silicified, slightly hard and moderately to strongly broken. Recovery is good. Upper and lower contacts are sharp and parallel S_2.

DDH 91DY-02 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN 91 Logged By: J. Zbectnuk

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	542.9	544.0			5B64	1
						light gray, non-calcareous phyllite is PS_2 foliated and very weakly silicified. Unit is moderately to strongly bleached and lacks sericite development. Interval contains a slight translucent appearance I often associate with silicification but unit is slightly to moderately Solt. Po is sporadic and constitutes < 1% of interval. Rock is moderately broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	544.0	545.1			5A0	±1± (4A0) 75:25
						Very dark gray to black, non-calcareous very darkly weakly to moderately calcareous over widths <2.0cm, PS_2 foliated unit is sporadically silicified. S_2 surfaces commonly tarnish fingers black. At 549.8 - 549.9 unit hosts 4A0 which displays good ribbon banded texture, strong silicification, but mineralization is limited to Py and O-trace Sph. Interval is slightly soft where silicification is absent, generally moderately broken rarely strongly broken. Recovery is good. Upper and lower contacts are sharp and parallel S_2.

DDH 91DY-02 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN 91 Logged By: J. Zbectnak

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	545.1	549.8			4CO,	(4LO) 95:05
						Light to medium gray, non-calcareous quartzite hosts 20-25% pyrite is disseminated bands 0.5-1.5cm wide following S_2. Unit hosts 5-7% ≤0.5cm bands of 4LO scattered throughout, but slightly more common over lowest 50cm of interval. Rock is moderate hard, slightly broken and has good recovery. Upper contact is sharp and parallel S_2 lower contact is centered on a gradational zone where bands of 4LO become more common than 4CO over 1.5 meters.
	549.8	552.3			4LO*	(4CO) 85:15
						Light greenish-gray to buff, weakly to moderately calcareous phyllite is PS_2 and locally CS_2 folded. Unit is intermixed with 4CO on the cm scale, but at upper and lower contacts. 4CO bands are 0.5-1.5 cm wide, hard and host 2-5% pyrite. 4LO Locally hosts trace -1% wisps of fuchsite indicating PS_2 folded portions may have a 5CO origin (?) Rock alternately from moderately soft to moderately hard - dependent on 4CO bands. Core is moderately broken with good recovery. Upper contact is gradational over 70cm with 4CO becoming more dominate uphole. Lower contact is also gradational but is marked by the first occurance

DDH 91DY-02

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN '91 Logged By: J. Zecevich

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						of 4CO. Interval from 550.6 - 552.3 hosts very minor 4CO. All contacts with 4LO* and 4CO are sharp and parallel S_2.
	552.3	563.2			4LO	(4LO) trace Medium to light gray and brassy yellow non-calcareous unit is moderately to strongly silicified and hosts 20-25% disseminated pyrite occuring in well defined bands 0.5 - 2.5 cm wide and oriented parallel S_2. Interval contains very rare wisps and bands of 4LO which do not exceed 1.0 cm. Unit does contain visible Pb+Zn mineralization. Rock is hard, slightly to moderately broken and has good recovery. Upper contact is gradational over 30 cm and consists of a mixed series of 4LO* and 4CO in cm scale bands. Lower contact is sharp and parallel S_2.
	563.2	564.5			5BO	±2 ±1 (5AB) trace wisps Medium gray locally slightly dark gray, non-calcareous unit is PS_2 foliated and hosts a weak carbonaceous content. Scattered throughout interval are wisps and very narrow bands (<3mm) of 5AB. Unit is slightly siliceous rarely unsilicified unit host trace - 2% P_y and P_o. Rock is strongly broken, generally slightly hard with good recovery. Upper and lower

DDH 91DY-02 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: JAN'91 Logged By: J. Sedman

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						contacts are sharp and parallel S_2
	564.5	564.9			5A161	(10Q Aspy) 98:02
						Dark gray non calcareous unit is strongly silicous, with a weak PS_2 fabric and a strong overprinting breccia texture dominated by Po matrix, minor Py, cPy and ± sph(?) also exist. Unit contains 2-3cm of gouge which strongly tarnishes fingers black. Lower contact is marked a ~2cm white quartz vein subparallel S_2. Vein contains a 0.5cm band of massive Aspy(?) and trace stringers and clots of Po, Py and cPy. Rock is hard, moderately broken with minor gouge. Recovery is good. Upper and lower contacts are sharp and parallel to subparallel S_2.
	564.9	569.5			5B116	9 Py Po (4LO±1) 95:05
						light gray, non-calcareous phyllite displays well developed CS_2 fabric and is strongly silicified. CS_2 fabric is defined by strongly Po-Py ± Sph(?) S_2 bands 2-5mm wide. 4LO is common but is generally limited to wisps along S_2 surfaces and less commonly as weakly silicified bands upto 1cm wide. Rarely 4L rock type is non-silicious. Interval hosts 7-10% of the mineralized S_2 bands. Rock is hard, moderately broken - consistently along 4LO wisps parallel S_2. Recovery is good. Upper contact with

DDH 91DV-02

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN 91 Logged By: D. Zbednik

Code	From	To	Recov.	No.	Unit	Description
						vein is subparallel S_2. Lower contact is gradational over 40cm and noted as an increase in abundance and width of S_2 mineralized bands down hole.
	569.5	574.1			5B1.9	Po P_y (4LO±1) 95:05 Light gray non-calcareous phyllite displays a well developed S_2 fabric, is strongly silicified and is identical to upper unit except it hosts 25-30% mineralized bands from 0.2-3.0 cm wide. Thinner bands as well as 4LO±1 (.2-.75 cm) bands define S_2 fabric. Bands >1.5 cm are oriented parallel S_2. Mineralized bands are Po / P_y dominate with ± sph. Mineralized bands are generally fine grained Po with undeformed Pyrite porphyroblasts .2-.4 cm in size. Occasionally Py porphyroblasts cross mineralized band boundaries into wall rock. Beds have very sharp contacts. Rock is hard, slightly broken with trace 1cm bands of 4LO that are moderately crushed. Recovery is good. Upper contact is gradational over 40cm with more abundant and greater widths in mineralized bands down hole. Lower contact is sharp and parallel S_2.

DDH 91DY-02

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN 91 Logged By: S. Zbeda

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	574.1	579.1			SUB	
						Medium to slightly dark gray phyllite is P_{S_2} -foliated and hosts 1-2% clotty Po. Unit hosts trace quartz-/ quartz-dolomite veins commonly 1-1.5 cm wide, and only one at 8cm wide. Veins are oriented parallel to subparallel S_2. Unit is distinctly homogenous and banding! Po is commonly associated with veins. Rock is slightly to moderately soft, moderately broken with good recovery. Upper contact is sharp and parallel S_2. Lower contact has not been cored. S_2 surfaces do not transmit fingers
		579.1				END OF HOLE
						Structure:
						BS2 2%

DDH GLDY-02 (2 8) CURRAGH RESOURCES INC. QC Page ____ of ____

Logged by J. Scott

ASSAY LOG (SAMPLER'S COPY) Date JAN '91 Sampled by JZ

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
	0	533.0					WASTE
	533.0	534.0	652112			4E0	
	534.0	534.7	652113			4E0	
	534.7	535.0	652114			4E4	
	535.0	535.2	652115			4C0	
	535.2	537.1	652116			5B1	± → 4L0 *
	537.1	538.9	652117			5B1	
	538.9	540.1	652118			5B1	
	540.1	540.9	652119			4L0	
	540.9	541.5	652120			5B6	± → 4L0
	541.5	542.9	652121			5A0	1
	542.9	544.0	652122			5B6	
	544.0	545.1	652123			5A0	(4A0)
	545.1	547.2	652124			4C0	
	547.2	549.2	652125			4C0	
	549.2	549.8	652126			4C0	
	549.8	550.6	652127			4L0 *	(4C0)
	550.6	552.3	652128			4L0 *	(4C0)
	552.3	554.3	652129			4C0	
	554.3	556.9	652130			4C0	
	556.9	558.9	652131			4C0	
	558.9	560.9	652132			4C0	
	560.9	563.2	652133		2.0	4C0	
	563.2	564.5	652134			5B0	± (5A6)
←	564.5	564.9	652135			5A6	
	564.9	566.7	652136			5B16	
	566.7	568.1	652137			5B16	
	568.1	571.9	652138			5B16	
	571.0	572.4	652139			5B19	
	572.4	574.1	652140			5B19	
							END OF HOLE

Page A of _____

DDH 91-DY-02 (2 / 8)

CURRAGH RESOURCES INC.
Structural Log

Date: Feb '91 Logged By: J. Zuccato

Code	From	To	Feature	Sym	Bdg Dip	Bdg 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		
		9.4	PS2						74		
		11.6	PS2			065			77		
		19.0	CS2	S		009	25	005	69		
		25.4	CS2	S		033	20	034	67		
		31.7	CS2	Z		0012	10	197	84		
		35.6	CS2	Z		—	16	180	85		
		40.3	CS2	Z		000	30	170	85		
		46.5	PS2						84		
		51.0	CS2	S		080	19	080	78		
		58.7	PS2			060			84		
		64.0	PS2			021			82		
		70.3	PS2						82		
		74.7	PS2			034			79		
		80.6	PS2						76		
		86.7	PS2						82		
		90.5	PS2						80		
		97.7	PS2			050			80		
		104.7	PS2						80		
		110.0	PS2						78		
		113.0	PS2						78		
		119.8	PS2						81		
		125.1	PS2			011			66		
		128.9	PS2			010			70		
		136.1	CS2	S		005	14	000	52		
		141.7	PS2			077			70		
		146.7	PS2			005			68		
		151.6	PS2						88		
		158.0	CS2	Z	—	055	19	234	85	—	
		162.9	CS2	Z	—	018	33	270	76	—	
		167.6	CS2	Z	—	005	30	142	75	—	
		168.6	CS2	S	—	131	46	321	67	—	
		175.6	CS2	Z	—	088	55	084	78	—	
		180.0	CS2	S	—	019	43	012	81	—	
		184.2	CS2	S	—	025	48	012	78	—	
		189.5	CS2	S	—	172	24	000	73	—	DD2
		198.2	CS2		—	142	46	057	85	—	

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DDH 91DY-02 (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	
S		2051	CS2S	—	231	55 151	83	
S		2109	CS2Z	—	049	14 295	88	
S		2152	CS2S	—	026	53 042	80	
S		2193	CS2S	—	155	10 345	65	
S		2269	CS2Z	—	148	22 145	85	
S		2337	CS2Z	—	072	63 080	83	
S		2365	CS2S	—	168	080 000	84	DD_2
S		2426	CS2Z	—	133	42 287	72	
S		2494	CS2Z	—	042	38 126	85	
S		2539	CS2S	—	146	34 000	76	DD_2
S		2599	CS2S	—	144	32 326	73	
S		2670	CS2S	—	163	76 000	72	DD_2
S		2698	CS2S	—	156	40 000	80	DD_2
S		2769	CS2Z	—	042	30 077	87	
S		2857	CS2Z	—	085	17 114	83	
S		2884	CS2Z	—	159	24 161	81	
S		2973	CS2S	—	048	21 025	81	
S		3031	CS2S	—	016	68 000	84	DD_2
S		3046	CS2S	—	126	44 304	84	
S		3075	CS2Z	—	061	26 298	84	
S		3132	CS2S	—	149	44 332	75	
S		3161	CS2S	—	144	37 000	74	DD_2
S		3219	CS2S	—	157	24 828	81	
S		3305	CS2S	—	164	57 000	75	DD_2
S		3379	CS2Z	—	165	37 159	80	
S		3433	CS2Z	—	151	73 144	86	
S		3464	CS2S	—	176	46 340	78	
S		3543	CS2S	—	056	68 271	86	
S		3579	CS2Z	—	056	44 287	80	
S		3611	CS2S	—	176	05 000	85	DD_2
S		3682	CS2S	—	148	13 000	65	DD_2
S		3753	CS2S	—	039	17 012	71	
S		3828	CS2Z	—	089	35 071	77	
S		3881	CS2Z	—	078	10 081	85	
S		3921	CS2Z	—	069	58 283	85	
S		3950	CS2Z	—	145	53 152	81	

DDH 91DY-02 (2 / 8)

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

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

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		40 47	CS 2	S	T 044	47 018	67	
S		40 95	C S 2	S	T 161	27 000	78	DD_2
S		41 60	CS 2	Z	T 036	79 050	70	
S		42 13	P S 2	-	T	T	71	5C7 Metabasite-chl. banded
S		42 61	C S 2	Z	T 063	49 069	87	
S		43 35	C S 2	S	T 051	30 048	81	
S		43 78	C S 2	Z	T 076	45 084	81	
S		44 38	C S 2	S	T 020	10 006	60	
S		44 93	C S 2	Z	T 073	27 079	84	
S		45 65	CS 2	S	T 168	09 010	78	
S		45 99	C S 2	S	T 159	21 333	85	
S		46 44	CS 2	S	T 164	31 327	74	
S		46 99	C S 2	S	T 049	57 215	83	
S		47 55	C S 2	S	T 114	40 210	80	
S		48 22	CS 2	S	T 027	42 010	77	
S		49 10	P S 2	-	T	T	80	
S		49 68	C S 2	S	T 103	48 014	82	
S		49 83	C S 2	Z	T 083	35 164	76	
S		50 78	C S 2	Z	T 039	33 118	75	
S		51 19	C S 2	Z	T 169	20 147	76	
S		51 69	C S 2	S	T 151	54 339	83	
S		52 58	C S 2	S	T 115	30 328	76	
S		52 71	CS 2	-	T 087	35 071	78	
S								
S								

DDH 91DX-02 (2 8) CURRAGH RESOURCES INC. Page ____ of ____

Structural Log Date: ____ Logged By: ____

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	
	561							
	567.8		CS2	S		19 296	74	
		571.7	CS2	Z		25 212	79	
		578.7	BX2		134		76	
								E04

DDH 91DY-02 (2 / 8) CURRAGH RESOURCES INC. Fault Log

Page A of _____

Date: Feb '91 Logged By: T. Skerlak

Code	FROM	TO (At)	Feature	REC.	UPPER Dip Direct	INTERNAL Dip Direct.	LOWER Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
	100.0	151.4						No structural problems
	151.4	158.5						strongly broken // S_2, very rare gouge @ 59 wrt CA
	168.9	172.6			312 130			strongly broken // S_2, upper cutoff 1cm gouge
	181.2	184			413 040	33		healed shear fabric. C bands @ 33, S bands @ 16°
	181.4	188.3				28 900		strongly broken // S_2, rare gouge < 1cm
	196.9	197.2						Crushed and gouge - no orientation
	198.4	199.4						strongly broken // S_2
	199.4	202.5				25 938		Crushed above 101.2 welded healed shear fabric to 102.5. C bands 22°, S bands 05.
	115.1	117.2						Very strongly broken // S_2
		131.4				22 900		Weak shear < 1cm

DDH 91-DY-02 (2 / 8) CURRAGH RESOURCES INC. Page D of _____

Fault Log Date: Feb '91 Logged By: P. Beaudoin

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	
		133.0				30 090		weak shear < 3cm
	151.8	152.2						crushed
		153.5				28 090		weak shear, wall healed (1cm). 5 bands 12° w.r.t CA. C bands @ 28 w.r.t CA
F	189.5	189.7	1B					Blocky. Upper, lower contacts at CA 79°, CA 90° ; respectively.
F	190.2	190.4	1B					Blocky. Upper, lower contacts at CA 72°, CA 74° ; respectively.
F	192.0	192.1	1R					Rubbly. Upper, lower contacts at CA 87°, CA 77°; respectively.
F	216.6	218.4	2B					Blocky. Upper, lower contacts at CA 77°; CA 50° ; respectively.
F	219.6	220.2	2B					Blocky. Upper, lower contacts at CA 63°, CA 90° ; respectively.
F	224.4	224.7	1B					Blocky. Upper, lower contacts at CA 80°, CA 83° ; respectively.
F	258.1	259.5	2B					Blocky. Upper, lower contacts at CA 80°, CA 76° ; respectively.
F	348.0	348.1	1GR		87 008			Clayey fault gouge. Rubbly. Fault plane at CA 26° and 008°/87° to S_2 strike.
F	349.0	350.4	2BR					Blocky-rubbly. Upper, lower contacts at CA 89°, CA 45° ; respectively

DDH 91DY-02 (2 / 8) CURRAGH RESOURCES INC. Page ____ of ____

Fault Log

Date: Feb. 27/91 Logged By: D. Hallinwell

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	350.3	350.5	7BR					Blocky-rubbly. Upper, lower contacts at CA 66°; CA 76°; respectively
F	351.0	353.6	3RB					Rubbly-blocky. Upper, lower contacts at CA 68°, CA 81°; respectively.
F		359.3	2G			85 007		Clayey fault gouge at CA 45°. Fault plane at 007°/85° to S_2 strike. Slickensides subparallel S_2 strike. Above rotated block.
F		359.9	2G			85 012		Clayey fault gouge at CA 35°. Fault plane at 012°/85° to S_2 strike. Below rotated block. C structure at CA 68°. S structure at CA 54°. C structure dips 37° to S_2 strike. S structure dips 54° to S_2 strike.
F		369.7	1RX					Clayey fault at CA 44° Breccia. Fault plane at 57° to S_2 strike
F		369.8	1RX					Clayey fault at CA 22°. Breccia. Attitude relative to S_2 strike not measurable.
F	383.3	384.3	3RG					Blacky rubbly. Clayey gouge at 383.4 (attitude not discernable). Upper, lower contacts at CA 84°, CA 84°; respectively
F	387.1	387.7	2B					Blocky. Upper, lower contacts at CA 25°, CA 63°; respectively.

DDH 91DY-02 (2 / 8) CURRAGH RESOURCES INC. Page ____ of ____

Fault Log Date: Feb. 27/91 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	4016	4019	2G					Clayey fault gouge at CA 64°. Fault plane is curvilinear. Doesn't permit attitude measurement relative to S_2 strike.
F	4253	4254	1B					Blocky, Pyritic. Upper, lower contacts at CA 64°, CA 68°; respectively
F	4532	4537	2B					Blocky, Clayey gouge. Upper, lower contacts at CA 81°, CA 72°; respectively
F		4537	1G			49 133		Clayey gouge at CA 53° at 49°/133° to S_2 strike. Ø.1 cm wide (max.)
F	4661	4662	1B					Blocky, Upper, lower contacts at CA 86°, CA 73°.
F		4665	1G			85 170		Clayey gouge at CA 47°, 1 cm. wide. Fault plane at 170°/85°.
F	4693	4697	2BX					Blocky - minor healed breccia. Upper, lower contacts at CA 30°, CA 60°.
F	4810	4816	2B					Blocky. Upper, lower contacts at CA 85°, CA 52°.
F		4815	2G			66 162		Clayey gouge, Upper, lower contacts at CA 54°, CA 58°. Fault plane at 162°/66° to S_2 strike.

DDH 91DY-02 (2 / 8) CURRAGH RESOURCES INC.

Fault Log

Page _____ of _____

Date: Feb. 28/91 Logged By: D. Hallinell

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	489 1	489 6	2B					Blocky. Minor healed breccia. No gouge. Upper, lower contacts at CA 67°, CA 80°; respectively
F	5096	5103	2B					Blocky. No gouge. Upper, lower contacts at CA 82°, CA 82°; respectively.
F	5143	5163	3B					Blocky. No gouge. Upper, lower contacts at CA 60°, CA 88°; respectively. Minor healed breccia
F	5205	5212	2B,R					Blocky to rubbly. No gouge. Upper, lower contacts at CA 80°, CA 79°; respectively.
								CONTINUED ON NEXT PAGE

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91-DY-02

Units: Feet / Metres Date: FEB 5/91 Logged By: J. Zbeedan Page A of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES WITH 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
4.6	CASING																	NQ	
4.9	0.1	0	R_2	6	2	2	12	10	J					8	12	10	S		
6.1	1.0	0		5	2									22	12	10	S		
6.7	0.3	0		6	2									8	12	6	S		
7.9	0.8	0.1		7	2									18	12	6	S		
11.0	2.9	0.2		9	2	4	16	10	J	3	16	10	J	51	10	6	S		minor limonite on fract surfs
14.0	2.8	0.4		7	2					4	16	6	J	41	10	6	S		
17.1	2.9	0.5		9	2	2	20	10	J	2	12	6	J	41	10	6	S		
20.1	2.9	1.6		10	1	1	20	10	J					32	12	6	S		
23.2	3.0	0.6		9						2	12	6	J	47	12	6	S		
26.2	3.0	1.2		9										43	10	6	S		
29.3	3.0	0.85		9						2	16	6	J	33	10	6	S		
32.3	2.9	0.6		9		3	20	6	J					51	12	6	S		
35.4	2.9	0.75		9										43	12	6	S		
38.4	3.1	1.3		9		1	20	6	J					28	10	6	S		
41.5	3.0	1.0		9										40	12	6	S		
44.5	3.0	1.1		9						3	16	6	J	33	12	6	S		
47.5	3.1	1.3		9		2	16	6	J	2	20	6	J	27	12	6	S		
50.6	2.9	1.2		11		1	16	6	J	2	14	6	J	34	12	6	S		
52.1	1.6	0.1	R_1	6	3	4	14	16	G					24	10	16	S		minor gouge < 1cm
53.6	1.1	0.1	R_1	5	3					2	16	6	J	85	10	16	S/G		
55.3	1.5	0.1	R_2	7	1	1	20	16	J					31	10	10	S		minor gouge on S_2 fract's
56.7	1.0	0		7		1	20	6	J					30	10	10	S		
58.5	1.1	0		5		7	16	6	J					42	10	6	S		crushed from 57.0-58.3
59.4	1.1	0.1		7		1	20	6	J					23	10	6	S		
62.5	3.0	0.2		9		1	20	6	J	3	14	6	S	51	12	6	S		
65.7	3.1	1.0		9		2	16	6	J					35	12	6	S		
68.9	3.0	0.35		7						2	14	10	J	47	10	6	S		
70.1	0.3	0		3										13	12	10	S		rubble and gouge above 69.9

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91-DY-02

Units: Feet / Metres Date: FEB 5/91 Logged By: J Zhou Page B of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES WNT 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
71.9	1.6	0	5	R_2	1	1	20	6	J	—	—	—	—	51	8	6	S		
75.0	2.8	0.3	6	↓	↓	3	12	6	J	—	—	—	—	62	8	6	S		
78.0	3.0	0.3	6	↓	↓	2	16	6	J	—	—	—	—	61	10	6	S		
80.8	2.4	0.3	7	↓	↓	1	12	16	G	1	16	6	J	42	10	6	S		gouge coating on fract. surf.
81.7	1.0	0.1	7	↓	↓	2	20	6	J	4	20	6	J	11	12	6	S		
84.1	2.3	0.1	7	↓	↓	1	20	6	J	4	16	6	J	43	10	6	S		
85.7	1.3	0.1	7	↓	↓	2	12	16	G	—	—	—	—	24	12	10/6	S		local gouge coatings on S_2
87.2	1.5	0	6	↓	↓	2	12	6	J	1	20	6	J	34	10	6	S		
90.2	3.0	0.4	6	↓	↓	3	20	6	J	4	14	6	J	61	10	6	S		
93.3	2.9	0.8	7	↓	↓	—	—	—	—	2	20	6	J	55	10	6	S		
96.3	2.9	0.6	7	↓	↓	1	20	6	J	1	20	6	J	48	10	6	S		
97.2	0.8	0	5/3	R_2/S_2	↓	—	—	—	—	3	12	10	J	15	10	10	S		crushed rock & gouge below 96.9
99.4	2.1	0.1	5	R_2	↓	1	16	10	J	2	20	10	J	23	12	6	S		20cm gouge and crushed rock
101.2	0.9	0	4	S_2	5	—	—	—	—	4	16	10	J	9	12	10	S		90% crushed rock & gouge
104.2	2.9	0.5	7	R_1/R_2	2	8	12	10	J	4	12	10	J	25	12	10	S		healed shear @ 101.2 - 102.5
107.3	3.0	0.4	6	R_2	1	—	—	—	—	2	14	6	J	55	8	6	S		
110.3	2.9	0.3	7	↓	1	—	—	—	—	4	14	6	J	55	8	6	S		
113.4	3.0	0.85	7	↓	1	—	—	—	—	5	16	6	J	45	8	6	S		
115.4	1.8	0.6	9	↓	1	2	12	6	J	4	16	6	J	31	10	6	S		crushed below 115.0
117.2	1.6	0	5	↓	3	6	16	6	J	2	16	6	J	38	8	6	S		60% crushed, 5% gouge
120.4	2.9	1.4	9	↓	1	—	—	—	—	6	14	6	J	33	10	6	S		
123.4	3.0	0.6	7	↓	↓	2	8	6	J	—	—	—	—	45	8	6	S		
126.5	3.1	1.1	7/9	↓	↓	3	16	6	J	—	—	—	—	44	8	6	S		
129.5	3.1	0.5	7	↓	↓	4	16	10	J	9	16	10	J	36	8	6	S		crushed @ minor gouge @ 127.5 - 128.5
132.0	2.2	0.1	6/5	↓	↓	7	20	6/10	J	7	8/16	10	J	34	12	6	S		
133.5	1.6	0.4	7	↓	↓	1	14	16	J	5	12	6	J	8	8	6	S		
135.9	2.4	1.5	11	↓	↓	—	—	—	—	—	—	—	—	28	10	6	S		
139.0	2.9	0.7	7	↓	↓	1	12	6	J	3	16	6	J	34					

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91-DY-02

Units: Feet / Metres Date: FEB 10/91 Logged By: DRH / JZ Page ____ 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
218.2	3.0	1.2	R2	13/6	1	Ø	—	—	—	3	12	10	S	32	12	6	S	NQ	
220.1	1.4	0	R2	8	1	2	16	10	J	5	14	10	J,S	25	13	7	S,J		
221.3	1.1	0.2	R2	12	1	2	16	10	J	1	16	10	J	19	12	8	S		
224.3	3.0	1.6	R2	13	1	1	16	10	J	1	16	10	J	37	12	4	S		
227.4	3.0	1.2	R2	13	1	1	17	10	J	1	16	10	J	24	13	7	S		
230.4	3.0	2.6	R2	14	1	Ø	—	—	—	1	16	10	J	14	12	10	S		
233.5	3.0	1.8	R2	13	1	Ø	—	—	—	Ø	—	—	—	31	12	6	S		
236.5	3.1	2.3	R2	14	1	Ø	—	—	—	Ø	—	—	—	16	12	6	S		
239.6	2.9	1.9	R2	13	1	Ø	—	—	—	Ø	—	—	—	33	12	6	S		
242.6	3.1	1.9	R2	13	1	Ø	—	—	—	1	16	10	J	34	12	5	S		
245.7	3.1	1.9	R2	14	1	2	13	10	J	Ø	—	—	—	20	12	8	S		
248.7	3.1	1.7	R2	13	1	2	13	10	J	1	12	10	S	25	12	7	S		
251.8	2.6*	1.4	R2	12	1	1	16	10	J	Ø	—	—	—	30	12	6	S		*Ø.5 core missing (driller error)
254.8	3.1	1.6	R2	12	1	1	16	10	J	2	14	10	J	28	12	6	S		
257.4	2.7	2.3	R2	12	1	Ø	—	—	—	1	12	10	S	14	12	10	S		
260.5	3.2	1.6	R2	11	1	Ø	—	—	—	3	16	10	J	35	13	5	S		
263.5	3.1	Ø.9	R2	12	1	Ø	—	—	—	2	15	10	J	22	12	8	S		
266.4	2.7	2.Ø	R2	13	1	Ø	—	—	—	1	14	10	S	17	12	6	S		
269.4	3.1	2.2	R2	12	1	Ø	—	—	—	Ø	—	—	—	29	12	6	S		
272.5	3.2	2.6	R2	13	1	Ø	—	—	—	Ø	—	—	—	18	12	8	S		
275.5	3.1	2.3	R2	13	1	Ø	—	—	—	Ø	—	—	—	22	12	8	S		
278.6	3.2	1.8	R2	12	1	1	16	10	J	1	13	10	J	32	12	6	S		
279.2	Ø.6	Ø.1	R2	12	1	Ø	—	—	—	Ø	—	—	—	10	12	10	S		
282.2	3.1	2.Ø	R2	13	1	Ø	—	—	—	Ø	—	—	—	25	12	7	S		
285.3	3.1	2.8	R2	14	1	Ø	—	—	—	Ø	—	—	—	17	13	9	S		
288.3	3.Ø	2.4	R2	13	1	Ø	—	—	—	Ø	—	—	—	18	13	8	S		
291.4	3.1	1.Ø	R2	12	1	10	—	—	—	1	14	10	J	46	12	4	S		
294.4	2.5*	Ø.6	R2	11	1	1	18	10	J	Ø	—	—	—	47	12	3	S		*Ø.5 core missing (driller error)
297.5	3.Ø	2.6	R2	13	1	Ø	—	—	—	1	12	10	S	18	12	6	S		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91DY-Ø2

Units: Feet / Metres Date: Feb. 25/91 Logged By: D. Halliwell Page ____ of ____

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES WRT CA												CORE SIZE	COMMENTS
						0-30				30-65				65-90					
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
300.5	3.1	1.8	R2	13	1	Ø	—	—	—	1	13	10	J	33	12	6	S	NQ	
303.6	3.1	2.3	R2	13	1	Ø	—	—	—	3	13	10	J	50	12	3	S		
306.4	3.1	2.5	R2	13	1	Ø	—	—	—	2	13	10	J	26	12	7	S		
309.7	3.1	2.5	R2	13	1	Ø	—	—	—	1	14	10	J	23	12	8	S		
312.7	3.Ø	2.7	R2	13	1	Ø	—	—	—	Ø	—	—	—	21	12	8	S		
315.8	3.1	2.7	R2	13	1	Ø	—	—	—	Ø	—	—	—	19	12	9	S		
318.8	2.1*	1.9*	R2	12	1	Ø	—	—	—	Ø	—	—	—	12	12	10	S		*AMD sample taken (core missing)
321.9	3.1	2.6	R2	13	1	Ø	—	—	—	Ø	—	—	—	19	12	9	S		
324.9	3.Ø	2.1	R2	12	1	Ø	—	—	—	Ø	—	—	—	38	13	6	S		
328.Ø	3.1	2.1	R2	12	1	Ø	—	—	—	1	14	10	J	28	13	6	S		
331.Ø	3.Ø	1.9	R2	12	1	Ø	—	—	—	1	14	10	J	31	13	6	S		
334.1	3.1	2.3	R2	13	1	Ø	—	—	—	3	15	10	J	24	12	8	S		
337.1	3.Ø	2.7	R2	13	1	Ø	—	—	—	2	14	10	J	19	12	9	S		
340.2	3.1	2.1	R2	12	1	Ø	—	—	—	2	16	10	J	35	12	7	S		
343.2	3.1	1.2	R2	12	1	Ø	—	—	—	4	15	10	J	31	13	6	S		
346.3	3.1	2.2	R2	12	1	Ø	—	—	—	Ø	—	—	—	30	12	6	S		
349.3	3.Ø	Ø.3	R2	11	1	1	16	10	J	3	14	10	J,G	62	12	3	S		clayey fault gouge
350.8	1.6	Ø.1	R2	7	1	1	16	10	J	2	16	10	J	43	12	4	S		
352.3	1.5	Ø.Ø	R2	6	1	1	16	10	J	2	14	10	J	80	12	2	S		
353.6	1.3	Ø.Ø	R2	5	1	1	16	10	J	5	14	10	J	47	12	3	S		
355.4	2.2	Ø.5	R2	8	1	Ø	—	—	—	Ø	—	—	—	51	12	2	S		
358.4	3.Ø	1.3	R2	10	1	Ø	—	—	—	1	16	10	J	90	12	2	S		
361.5	3.1	1.5	R2	11	1	Ø	—	—	—	4	14	10	J	37	12	7	S		2 clayey fault gouges, rot. block
364.5	3.1	1.4	R2	12	1	Ø	—	—	—	2	16	10	J	46	12	3	S		
367.6	3.1	1.4	R2	13	1	Ø	—	—	—	Ø	—	—	—	41	12	4	S		
370.3	2.8	1.4	R2	12	1	Ø	—	—	—	2	16	10	J	37	12	7	S		
373.5	3.2	1.9	R2	12	1	Ø	—	—	—	2	16	10	J	33	12	7	S		
376.7	3.2	2.3	R2	13	1	Ø	—	—	—	2	16	10	J	18	12	9	S		
379.8	3.1	2.2	R2	13	1	1	16	10	J	2	16	10	J	29	13	6	S		
382.8	3.Ø	2.Ø	R2	12	1	Ø	—	—	—	1	15	10	J	32	12	6	S		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91DY-02

Units: Feet / Metres Date: Feb. 27/91 Logged By: D. Hallinwell Page ____ of ____

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES wrt CA												CORE SIZE	COMMENTS
						0-30				30-65				65-90					
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
385.6	2.5	0.0	R1	5	1	4	16	10	J	2	15	10	J	60	12	3	S	NQ	
387.7	2.1	0.8	R2	8	1	0	—	—	—	3	16	10	J	41	13	4	S		
390.8	3.2	0.9	R2	10	1	0	—	—	—	3	17	10	J	75	12	2	S		
393.8	3.1	0.9	R2	8	1	2	14	10	J	3	16	10	J	48	12	2	S		
396.8	3.0	0.0	R2	8	1	1	16	10	J	2	16	10	J	44	12	2	S		
399.9	3.1	1.4	R2	10	1	0	—	—	—	4	16	10	J	39	12	4	S		
401.9	2.0	0.7	R2	8	1	0	—	—	—	1	16	10	J	49	12	3	S		clayey fault gouge
405.1	3.2	1.2	R2	10	1	0	—	—	—	4	16	10	J	39	12	4	S		
408.3	3.2	2.6	R2	12	1	0	—	—	—	0	—	—	—	31	12	6	S		
411.5	3.1	2.2	R2	12	1	1	16	10	J	0	—	—	—	41	12	4	S		
414.7	2.9	1.9	R2	13	1	0	—	—	—	1	14	10	J	23	12	8	S		
417.9	3.2	2.0	R2	13	1	0	—	—	—	1	14	10	J	33	12	6	S		
420.9	3.1	1.7	R2	13	1	0	—	—	—	2	14	10	J	40	12	4	S		
424.0	3.1	1.8	R2	13	1	0	—	—	—	2	15	10	J	42	12	4	S		
427.2	3.1	2.6	R2	12	1	0	—	—	—	1	16	10	J	38	12	4	S		
428.6	1.6	0.9	R2	12	1	0	—	—	—	1	16	10	J	14	12	10	S		
431.6	3.0	1.9	R2	12	1	0	—	—	—	1	14	10	J	26	12	7	S		
434.6	3.0	0.7	R2	11	1	0	—	—	—	2	14	10	J	53	12	3	S		
437.7	3.1	1.2	R2	11	1	0	—	—	—	2	14	10	J	48	12	3	S		
440.7	3.0	2.1	R2	12	1	0	—	—	—	1	15	10	J	26	12	7	S		
443.8	3.1	2.1	R2	13	1	0	—	—	—	3	14	10	S	22	12	8	S		
446.8	3.1	1.3	R2	12	1	0	—	—	—	5	13	10	S	36	12	5	S		
449.9	3.1	3.9	R2	12	1	0	—	—	—	3	14	10	J	19	12	8	S		
453.0	3.1	3.8	R2	11	1	0	—	—	—	2	16	10	J	50	13	3	S		
456.0	3.1	0.6	R2	11	1	0	—	—	—	1	16	10	J	50	12	3	S		
459.0	3.1	2.5	R2	13	1	0	—	—	—	0	—	—	—	20	12	8	S		
462.1	3.1	2.2	R2	14	1	0	—	—	—	0	—	—	—	25	12	7	S		
465.1	3.0	1.1	R2	13	1	0	—	—	—	0	—	—	—	41	12	4	S		
468.2	3.0	0.6	R2	12	1	0	—	—	—	1	12	10	S	69	12	2	S		
471.2	3.0	1.7	R2	12	1	2	16	10	J	2	14	10	J,S	34	12	6	S		
474.3	3.1	2.0	R2	13	1	0	—	—	—	0	—	—	—	29	12	6	S		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91DY-02

Units: Feet / Metres Date: Mar. 1/91 Logged By: D. Halliwell Page ____ 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		
477.3	3.0	1.8	R2	12	1	0	—	—	—	2	16	10	J	29	12	6	S	NQ	
482.5	2.1	0.0	R2	6	1	0	—	—	—	3	14	10	J	24	12	2	S		clayey gouge
485.7	3.2	1.7	R2	13	1	2	15	10	J	3	15	10	J	47	12	3	S		
488.9	3.2	1.7	R2	12	1	0	—	—	—	5	14	10	S	41	12	4	S		
489.5	0.6	0.2	R2	12	1	0	—	—	—	1	16	10	J	12	13	10	S		
492.6	3.1	1.5	R2	12	1	1	16	10	J	3	16	10	J	41	12	4	S		
495.6	3.0	2.3	R2	13	1	0	—	—	—	1	16	10	J	40	12	4	S		
498.7	3.0	1.7	R2	14	1	0	—	—	—	1	16	10	J	29	12	6	S		
501.7	3.1	2.5	R2	14	1	0	—	—	—	2	16	10	J	17	12	9	S		
504.7	3.0	2.7	R2	14	1	0	—	—	—	1	16	10	J	17	12	9	S		
507.8	3.0	1.9	R2	14	1	0	—	—	—	0	—	—	—	26	12	7	S		
510.8	3.0	1.4	R2	7	2	0	—	—	—	4	15	10	J	54	12	2	S		
513.9	3.1	1.9	R2	13	1	0	—	—	—	3	14	10	J	34	12	7	S		
515.7	1.3	0.1	R2	6	2	1	16	10	J	3	15	10	J	32	12	6	S		
516.3	0.8	0.1	R2	7	2	0	—	—	—	3	16	10	J	20	12	8	S		
519.5	2.3	1.8	R2	12	1	1	16	10	J	3	16	10	J	32	12	6	S		
521.5	1.8	0.6	R2	9	2	0	—	—	—	5	16	10	J	40	12	4	S		
524.6	3.0	2.1	R2	12	1	0	—	—	—	2	16	10	J	26	12	7	S		
526.1	1.4	0.7	R2	12	1	0	—	—	—	1	14	10	J	18	12	9	S		
529.1	3.1	1.3	R2	11	1	1	15	10	J	1	14	10	J	39	12	4	S		
532.2	3.0	1.7	R2	13	2	1	17	10	J	3	15	10	J	28	12	6	S		

CONTINUED ON NEXT PAGE

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

ORE

A

DDH# 91DY-02

Units: Feet / Metres Date: Jan. 26/91 Logged By: JZ/DRH Page ☐ of ☐

Run (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 – 90 No	60 – 90 Rough	60 – 90 Alt	60 – 90 Type	COMMENTS
534.3	2.1	0.85	R_1	11	1					6	18	6	J	12	10	6	S	Gauge @ 532.7 - 533.0
537.4	3.0	2.1	R_2	11	1					5	12	6	J	10	12	6	S	
540.4	3.1	2.1	R_3	11	1					5	14	6	J	84	10	6	S	
543.6	3.2	0.6	R_2	9	1	1	20	6	J	6	14	6	J	36	12	6	S	
546.7	3.1	1.6	R_2	11	1	0	–	–	–	1	16	6	J	27	12	6	S	
549.9	3.1	2.7	R3	14	1	0	–	–	–	1	15	8	J	15	12	10	S	
552.9	3.1	1.5	R3	11	1	4	18	10	J	2	16	10	J	31	12	6	S	
553.5	0.6	0.5	R3	13	1	2	14	10	J	1	16	10	J	2	11	10	S	
556.6	2.9	2.3	R3	13	1	0	–	–	–	0	–	–	–	15	11	10	S	
559.3	2.9	1.8	R3	12	1	1	14	10	J	1	13	10	J	26	12	6	S	
562.4	2.9	2.0	R_3	13	1					3	14	6	J	9	12	6	S	
563.9	1.8	1.0	R_3	9	1	1	20	6	J				–	20	12	6	S	
564.8	0.9	0.1	R_3	7	1	3	20	13	J	3	12	10	J	12	10	10	S	
567.8	3.0	1.25	R_3	9	1					1	14	6	J	31	10	6	S	
570.9	3.1	1.5	R_2	10	1					4	12	6	J	24	8	6	S	
574.1	3.1	2.1	R3	11	1	1	16	6	J	3	12	6	J	24	12	6	S	
577.3	3.2	1.65	R_2	11	1	3	20	6	J	3	14	6	J	22	12	6	S	
579.1	1.8	0.1	R_2	7	1								–	31	10	6	S	
																		END OF HOLE

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 91-DY-02

Units: Feet / Metres Date: FEB 5/91 Logged By: J. Zhou Page C of

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES wrt CA												CORE SIZE	COMMENTS
						0-30				30-65				65-90					
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
142.0	2.9	1.0	R2	9	1	—	—	—	—	10	10	6	S	31	10	6	S	NQ	
145.1	3.0	0.5		9		4	16	10	J	12	12	6	S/J	11	12	6	S		
148.1	3.0	1.3		9		4	20	16	J	6	12	6	S	13	14	6	S		
151.8	3.1	0		6		5	14	6	S	3	20	J	S	54	8	10	S		frair gouge on S_2
152.4	0.6	0		6/4		2	20	6	J	—	—	—	—	9	10	10	S		crushed above 151.9.
155.6	3.1	0.4		9		3	10	6	J	—	—	—	—	43	10	6	S		
158.8	3.0	2.15		11		1	16	6	J	—	—	—	—	21	12	6	S		
161.9	3.1	2.2		11		—	—	—	—	—	—	—	—	23	12	6	S		
163.4	1.6	0.8		11		—	—	—	—	—	—	—	—	19	12	6	S		
166.4	2.9	0.85	↓	7		—	—	—	—	—	—	—	—	43	12	6	S		
169.5	2.9	2.5	R2	11	1	Ø	—	—	—	Ø	—	—	—	25	12	7	S		
172.5	3.0	2.3	R2	13	1	Ø	—	—	—	Ø	—	—	—	20	12	8	S		
175.6	3.0	2.3	R2	14	1	Ø	—	—	—	Ø	—	—	—	17	12	9	S		
178.6	3.0	0.4	R2	10	1	1	16	10	J	1	16	10	S	54	12	3	S		
181.7	3.1	1.8	R2	11	1	Ø	—	—	—	1	16	10	J	32	10	6	S		
184.7	3.0	2.0	R2	12	1	Ø	—	—	—	4	12	10	S	20	12	8	S		
187.8	3.1	1.0	R2	13	1	Ø	—	—	—	3	14	10	J	35	12	8	S		
190.8	3.0	0.3	R2	8	1	Ø	—	—	—	1	16	10	J	80	12	3	S		
191.4	0.5	0.1	R2	9	1	Ø	—	—	—	Ø	—	—	—	8	12	10	S		
192.0	0.4	0.2	R2	12	1	Ø	—	—	—	Ø	—	—	—	4	12	10	S		
193.9	2.1	0.6	R2	9	1	Ø	—	—	—	5	12	10	S	28	13	6	S		
196.9	3.0	0.8	R2	11	1	Ø	—	—	—	Ø	—	—	—	43	12	4	S		
200.0	2.9	1.5	R2	12	1	Ø	—	—	—	Ø	—	—	—	40	12	4	S		
203.0	2.9	1.3	R2	12	1	Ø	—	—	—	2	13	10	S	44	12	4	S		
206.0	3.0	2.1	R2	12	1	1	16	10	J	1	13	10	S	25	12	7	S		
209.1	2.9	2.3	R2	14	1	Ø	—	—	—	3	14	10	J	18	12	9	S		
212.1	3.1	1.1	R2	12	1	Ø	—	—	—	Ø	—	—	—	50	12	3	S		
215.2	2.9	1.2	R2	14	1	Ø	—	—	—	Ø	—	—	—	35	12	8	S	—	