MAP NO.:
105 K 2,3,6

ASSESSMENT REPORT X
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 092960
MINING DISTRICT: Whitehorse
TYPE OF WORK: DIAMOND DRILLING
PERCUSSION DRILLING

REPORT FILED UNDER: CURRAGH RESOURCES

DATE PERFORMED: AUGUST-DECEMBER,1990

DATE FILED: MARCH 7, 1991

LOCATION: LAT.: 62°15'N

LONG.: 133°05'W

AREA: ANVIL DISTRICT

VALUE $: 161,100

CLAIM NAME & NO.: DY
GALE

WORK DONE BY: J. ZBEETNOFF : CARON D.D.

WORK DONE FOR: CURRAGH RESOURCES INCORPORATED

DATE TO GOOD STANDING:

REMARKS: Three holes were drilled to test a fault in the dy deposit (953.2m). Five diamond drill holes were drilled to test the path of the proposed decline (401.5m). Ten overburden holes were drilled to test the proposed decline portal site (89.7).

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

M.R. file no.

R.M.M.R. file no.

Date forwarded 7 March 1991

TRANSMITTAL FORM

From ▶ Mining Recorder at:

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☑ DIAMOND DRILL LOGS — Claims: DY, Gale — Claim sheet no.: 105-K-3|2|b
- ☐ QUARTZ ASSESSMENT REPORT — Claims — Claim sheet no.

Please number & Return 1 copy Thanks.

Type of report — Submitted by

Cls. work performed on — $ req. for ren. application

Signature

REPLY ACTION — Date returned

092960

July 29/91

Signature

802-37 (7-88)

WHITEHORSE TEL.: 667-4343, 667-7114
AREA CODE: 403, TELEX: 049-834
CABLE ADDRESS: ANVLMINE

VANCOUVER TEL.: 683-9304
AREA CODE: 604, TELEX: 04-50237
CABLE ADDRESS: ANVLZINC

ANVIL MINING CORPORATION LIMITED
P.O. BOX 2470
103 POLARIS BLOCK
WHITEHORSE, YUKON TERRITORY
CANADA

VANCOUVER OFFICE:
510 WEST HASTINGS STREET
VANCOUVER 2, B.C.
CANADA

Claim # 92021

October 21, 1966

Mr. Gordon A. McIntyre
Chief Mining Recorder
Whitehorse, Yukon

Dear Mr. McIntyre:

The accompanying data is submitted to apply as assessment work on certain claim groups between the PELLY RIVER and FARO CREEK. This submission is made in compliance with Section 52 of the Yukon Quartz Mining Act.

All claims involved are owned by ANVIL MINING CORP. LTD. or PELLY RIVER MINES LTD. and are located in the Vangorda area. The claim area under consideration is shown on Mining Recorder's Claim Maps 105 K/3 and 6.

Yours truly,

R.S. Adamson

R.S. Adamson, P. Eng.
Chief of Exploration for
ANVIL MINING CORP. LTD.

Schedule of Cost of Constructing Main Access Road

1.	Own Equipment - as per attached	$233,427.00
2.	Liard Construction - Cat. Rental	27,460.00
3.	Nilsson & Lang - Construction of 3 bridges	13,000.00
4.	Culvert - includes freight	9,045.00
5.	General Enterprises Ltd.-building ferry approaches	10,810.00
6.	General Enterprises Ltd. - equipment rental	4,073.00
7.	General Enterprises Ltd. - materials	4,486.00
8.	Supervision, etc.	6,000.00
	Cost of main access road	$308,301.00
	Cost applied to Tote Road assistance	8,500.00
	Amount available for assessment purposes	$299,810.00
	Road - Faro to Pelly River 21.5 miles	
	Cost per mile for assessment $\frac{\$299,810.00}{21.5}$ =	$ 13,944.23

Assessment Costs across Anvil - Pelly River Mines claim groups

SUN	6200	feet	$16,250.00
LAKE	7200	feet	19,000.00
DY	7700	feet	21,500.00
BOB	6500	feet	17,150.00
TIE	8700	feet	23,000.00
GAL	1500	ft. per claim	3,960.00 per claim
BILL	1500	feet	3,960.00

ANVIL MINING CORPORATION LIMITED

Analysis of Equipment Hours Spent
on Main Road Construction

Period Ending	201 D8	202 D7	203 Grader	#1 619C Scraper	#2 619C Scraper	
April 22, 1966	562½	456½	162½	145	141	
May 20, 1966	320	260½	60	7	7	
June 17, 1966	242½	28		10	10	
July 15, 1966	494½	432	254½	193	113½	
Aug. 12, 1966	150½	304½	283½	216	246	
Sept. 9, 1966	268	222½	258½	236	252	
Sept. 30, 1966	297	157	130½	158½	216	
Oct. Est.	90	90	100	90	90	
	2423 hrs.	1951 hrs.	1259½ hrs.	1055½ hrs.	1075½ hrs.	
Rates per C. Boyd General Enterprises	35/hr.	25/hr.	20/hr.	35/hr.	35/hr.	
	$ 84,875	48,775	25,190	36,943	37,644	233,427

Aug 1st, 1966.

Box 666

Nilsson & Lang Bridge Whitehorse Y.T.
Building Contractors.

To Arvid Mining Corp.-

In accordance with the above contract the $9000.00 contract for Bluff Creek & Van Gorda Creek has been completed.

Progress payments of $4000.00 have been made.

Balance Due. — $5,000.00

$9,000.00

Hector C. Lang

per — Nilsson & Lang

Aug. 19th, 1966.

Nilsson & Lang. —

In account with - Anvil Mining Corp. —

For completing Rose Creek bridge as per contract $ 4000. 00.

Hector C. Lang,
Per — Nilsson & Lang

P. O. NUMBER .....
PRICE CHECKED .....
QUANTITY CHECKED .....
COMPUTATIONS CHECKED DP
ACCOUNT NUMBER 18050 Line 5 / P 112
CHECK NUMBER .....
APPROVED FOR PAYMENT DMD / HCL

(K)

ARMCO DRAINAGE & METAL PRODUCTS OF CANADA LTD.

[redacted] Laurel St.,
Vancouver, B.C.,

Telephone Area Code 604-325-[redacted]
Telex 04-5163

FORM 0-5683-8

OUR DATE	BUYER'S DATE	BUYER'S ORDER NO.	SHIP FROM	Dr. No.	OUR ORDER NO.	Salesman	Memo	MARKET
[redacted]arch 66	4 Mar.66	9	Vancouver	9311	11-3946	98		59

PRODUCTS: 341

SOLD TO: Anvil Mining Corp. Ltd.,
Room 822, 510 West Hastings Street,
VANCOUVER 2, B. C.

CUSTOMER NO.	TRANS CODE	TERMS CODE	TERMS MONTH
	1	1	

SHIP TO same,

ROUTING W.P. & Y.R. - COLLECT

F.O.B. W.P.&Y.R. Dock - North Vanc.

TERMS net 30 days
PAST DUE ACCOUNTS BEAR INTEREST AT 6% PER ANNUM

DESTINATION WHITEHORSE, Y. T.

WANTED 14 March 1966

PROMISED 14 March 1966

DESCRIPTION

ARMCO GALVANIZED CORRUGATED STEEL PIPE

CAR NO.
B/L NO.
SHIPMENT DATE
INVOICE DATE
INVOICE NO.

ITEM	NO. OF PIECES	GAGE	DIAMETER	UNIT LENGTH		ITEM WGT.	QUANTITY	PRICE	AMOUNT
1.	1	12	48"	20'			20'	10.53	210.60
2.	1	12	48"	16'			16'	10.53	168.48
3.	1	12	48"	14'			14'	10.53	147.42
4.	2	14	48"	5 Corr. Couplers			2	incl.	
5.	18	16	24"	20'			360'	3.09	1,112.40
6.	9	16	24"	3 Corr. Couplers			9	incl.	
7.	20	16	21"	20'			400'	2.74	1,096.00
8.	10	16	21"	3 Corr. Couplers			10	incl.	
9.	40	16	15"	20'			800'	2.05	1,640.00
10.	40	16	15"	16'			640'	2.05	1,312.00
11.	40	16	15"	3 Corr. Couplers			40	incl.	
12.	122	1/2"x6" Galv. Bolts & Nuts					122	incl.	
									5,686.90
								Federal Tax 11%	625.56
									$6,312.46

S.S. & M.A. Tax exempt
(For use in Yukon Territories)

NOTE: Tag each Pipe - Anvil Mining Corp.
Whitehorse, P.O. # 9

ACKNOWLEDGMENT

ACKNOWLEDGMENT: THANK YOU FOR THIS ORDER, WHICH HAS BEEN ENTERED ON OUR WORK ORDER AS ABOVE. PLEASE NOTE CAREFULLY, AND ADVISE US IMMEDIATELY OF ANY ERRORS OR OMISSIONS.

CONDITIONS OF SALE ON REVERSE SIDE FORM PART OF THIS ORDER.

ARMCO DRAINAGE & METAL PRODUCTS OF CANADA LTD.

Cullard – Whitehouse Farm

Chq. R.V. 323 Rev. W5018 £4.13.75

Chq. R.V. 183 Rev. 5017 (Part) 275.00

(Part) 166.50

(Part) 386.00

5 1241.25

On the road called on Rev. 5017 the bulk of the road on each side was subsoiled.

CANADIAN NATIONAL RAILWAYS CO. — BILL OF LADING
FOR THE MEANS OF TRANSPORTATION OVER
WHITE PASS AND YUKON ROUTE

DATE

CANADIAN CUSTOMS PORT OF

VESSEL

PRO NO. 09 80275

CONSIGNED TO:
Anvil Mining Corp Ltd
Whitehorse, Y.T.

DESTINATION

FOR BEYOND

SHIPPER
Armco Drainage & Metal Products
8811 Laurel St
Vancouver B.C.

CARRIAGE COMPANY'S
Arrow Transfer to Dock
CHARGES PREPAID OR COLLECT
Collect from Dock N. Van.

PARTICULARS FURNISHED BY SHIPPER OF GOODS — FOR CARRIER'S USE ONLY

DESCRIPTION OF GOODS, INCLUDE MARKS, NUMBERS, AND CONDITION IF APPLICABLE	"X" BOND OR FREE	WEIGHT (SUBJECT TO CORRECTION)	RATE CLASS	WEIGHT (SUBJECT TO CORRECTION)	RATE	AMOUNT
CORRUGATED Galv I/S PIPE- 16 GA OR THICKER - NESTED						
20' length 48" dia 12 Ga with the following Nested inside: (1) 20' length 24" dia 16 Ga (2) 20' lengths 21" dia 16 Ga (3) 20' lengths 15" dia 16 Ga		3412 3533 3486 4007 3524		35648	298	106 38
16' length 48" dia 12 Ga with the following Nested inside: (5) 16' lengths 15" dia 16 Ga				2072	313	6485
14' length 48" dia 12 Ga with the following Nested inside: (2) 5 Corr Couplers 48" dia 14 Ga X 2pc. (9) 3 Corr Couplers 24" dia 16 Ga (10) 3 Corr Couplers 21" dia 16 Ga (40) 3 Corr Couplers 15" dia 16 Ga				Excess 2274 cu ft	16	363 84
37 20' lengths 15" dia 16 Ga						
17 X 20' lengths 24" dia 16 Ga						
35 16 20' lengths 15" dia 16 Ga		Ref: PO # 9				
18 20' lengths 21" dia 16 Ga						
1 Can containing (122) 1/2" x 6" Galv Bolts & Nuts.						
TOTAL		TOTALS		37,720		

NOTE 2072 @ 313 TO MAKE MCL WITH BAL OF W/BS 7928 lbs

STOWED IN FOLLOWING CONTAINERS

FREIGHT CHARGES	1491 00
ADVANCES	
LANDAGE	
CLERK ANDOMS	
LOCK FEE	
TOTAL CHARGES	1491 00
PREPAID TO APPLY	
BALANCE DUE	

Total Cube 3406'

EXCEPTION NOTED — SEVERAL LENGTHS DENTS & ENDS

CONTAINING GOODS — WEIGHT SUBJECT TO CORRECTION

RECEIVED THE ABOVE SPECIFIED PROPERTY IN APPARENT GOOD ORDER

FOR CONSIGNEE — SIGNED — DOCK CHECKER

DATE

VALUE OF SHIPMENT FOR CUSTOMS PURPOSES AS RECORD STATED BY SHIPPER $ 6,312.46

DATED AT Vancouver B.C. THIS 10 DAY OF March ,66

Armco Drainage & Metal Products

BY

THE RATES AT WHICH GOODS ARE CARRIED ARE SUBJECT TO CLASSIFICATIONS AND TARIFFS WHICH MAY BE APPLICABLE TO SUCH GOODS AND ARE ON FILE WITH THE CARRIER AND ARE OPEN TO PUBLIC INSPECTION DURING REASONABLE HOURS

				0	*
				0	*
1	0	4	2	0	
	2	4	9	0	
	1	0	8	0	
		3	6	0	
	3	2	7	0	
1	2	8	5	0	
3	0	4	8	0	⊗
	3	0	2	0	—
?	7	4	5	0	*

T. & Other work

LIARD CONSTRUCTION.
BOX 1768
WHITEHORSE, YT

INVOICE

OUR NUMBER 09062
DATE 31 Aug. 1966
CUSTOMER'S ORDER
SALESMAN
TERMS
F. O. B.

SOLD TO Arctic Mines
Box 2470.
SHIPPED TO Whitehorse, Y.T.
ADDRESS VIA

	27 Cat.			
	To Bill you As Per Attached			
	Nos 19662 - 19700.			
	19851 - 19862.			
	19617 - 19620.			
	521 Hrs @ $20.00 Per Hour.			$10420.00
	Item billed on "19662, 19663, 19664			
	billed in July - 29½ hrs @ $20.00 per Hr			< 590.00 >
	Item 5½ hrs shown on "redans"			< 110.00 >
				$ 9720.00
				$10420.00

Redform 7M32

INVOICE

Lipes Construction
Box 1085
Whitehorse, Y.T.

SOLD TO Arctic Mining Co.

SHIPPED TO

ADDRESS VIA

OUR NUMBER 09058
DATE 26 Aug 66
CUSTOMER'S ORDER
SALESMAN
TERMS 1/2 1950.00 1/2 1590.00
F.O.B. Gulch

	To Bill you as per Attached Invoices # 19651 - 19664.			
	Moving Time			
	17 Hrs @ $10.00 per Hr			170.00
	27 Cat Time			
	116 Hrs @ $20.00 per Hr.			2320.00
		1666 -	500.00	
		1496 -	570.00	
				2490.00

P.O. NUMBER
PRICE CHECKED
QUANTITY CHECKED
COMPUTATIONS CHECKED DF
ACCOUNT NUMBER 1045 Paid 5/Dec/66 Re-entered 13/Dec/66
CHECK NUMBER 1610 Received 2/Dec/66

Rediform 7M32

Reed Construction Ltd
(P.C. Steden)
Loc 105 - Whitehorse, Y.T.

INVOICE

OUR NUMBER 09230
DATE 2 June 66
CUSTOMER'S ORDER
SALESMAN

TO Yukon Mining Co Ltd.
Box 2470
SHIPPED TO Whitehorse, Y.T.
ADDRESS

P.O. NUMBER
SHIP VIA
QUANTITY CHECKED
COMPUTATIONS CHECKED
ACCOUNT NUMBER
CHECK NUMBER
APPROVED FOR PAYMENT

	D-8 Cat.			
	Pay attached invoice #1975 to #1976			
	28 hrs @ $35.00 per hour			
	D-6 Cat.			
	Pay attached invoice #s 1977 to 1976			
	4 hrs @ $25.00 per hour	$ 100.00		$80.00

RECEIVED JUN 6 1966

Rediform 7M32

LIARD Construction
Box 1768
WHITEHORSE, Y.T.

INVOICE

OUR NUMBER 09078
DATE 8 Sept 66
CUSTOMER'S ORDER
SALESMAN
TERMS
F.O.B.

SOLD TO Arvin Nivina
Box 2470.
SHIPPED TO WHITEHORSE, Y.T.
ADDRESS VIA

To Correct Invoice No.
09062 Dated 31 August
& 19617 & 19620 Tickets
D8 cat
S/Hand 36 hrs @ $30.00 per hr
Extra 32 1/2 36 $1080.00
Hauls 36 hrs @ $20.00 per hr 720.00
OK To Pay
Paid Sept 66
$1360.00

P.O. NUMBER
PRICE CHECKED
QUANTITY CHECKED
COMPUTATIONS CHECKED
ACCOUNT NUMBER Work Order
APPROVED FOR PAYMENT
PAID

Rediform 7M32

INVOICE

Yukon Construction
Box 1768
Whitehorse, Y.T.

SOLD TO Arctic Mines
Box 2470

SHIPPED TO Whitehorse, Y.T.

ADDRESS _____ VIA _____

OUR NUMBER 09080
DATE 9 Sept
CUSTOMER'S ORDER
SALESMAN
TERMS
F. O. B.

	To Bill you as per attached			
	# 1921 & 19632.			
	D-8 CAT			
	109 Hrs @	$30.00 per hour		$3270.00
		PRICE CHECKED		
		QUANTITY CHECKED		
		COMPUTATIONS CHECKED DF	Line 21	1P32
		~~Authority~~ NUMBER W.O. 4		
	Agrees with work signed by	CHECK NUMBER		
		APPROVED FOR PAYMENT		
				$3270.00

Rediform 7M32

LIARD CONSTRUCTION
BOX 1768
WHITEHORSE, Y.T.

W04

Work Book

INVOICE

OUR NUMBER 09087
DATE 31 Sept. 66
CUSTOMER'S ORDER
SALESMAN
TERMS
F.O.B.

SOLD TO Arvin Mines
Box 2470

SHIPPED TO Whitehorse, Y.T.

ADDRESS VIA

	To Be Used As Per Attached			
	Nos. 19578 - 19824	246		
	P.O. NUMBER 35 hrs @ $30.00 p/hr Line 33			4050 00
	PRICE CHECKED 19833 - 19829			
	QUANTITY CHECKED 2 @ $35.00 p/hr.			1662 50
	COMPUTATIONS CHECKED 633 - Workader 3402			
S/D 181	ACCOUNT NUMBER 184 @ $30.00 p/hr			5520 00
	CHECK NUMBER 126 - 132			
49½	APPROVED FOR PAYMENT @ $35.00 p/hr			1627 50
				$12862 00

Rediform 7M32

141
570

General Enterprises Ltd.

General Contractors
Sand and Gravel — Imperial Oils — Building Supplies

P.O. BOX 2029,
WHITEHORSE, YUKON ..... April 30th, ... 19 66...

dning Corp. Ltd.,
x 2470,
rse, Y.T.

---

ilding ferry approach
lly River

20/66	To: Rental of equipment as per attached		$ 1,155.00
21/66	"	" " "	2,850.00
22/66	"	" " "	2,582.50
23/66	"	" " "	2,797.50
24/66	"	" " "	1,425.00
	TOTAL THIS INVOICE:		$ 10,810.00

Aug 8, 1966
Whitehorse

General Enterprises Ltd.

General Contractors
Sand and Gravel — Imperial Oils — Building Supplies
P.O. BOX 2029,
WHITEHORSE, YUKON July 31 1966

s.	D7E Cat tractor	@30.00	$ 120.00
	5 ton flat Deck truck	@12.00	36.00
s.	O. Hart, labourer	@ 5.00	15.00
	D8H6A cat tractor	@35.00	35.00
s.	D7E cat tractor	@30.00	300.00
s.	D8H6A & Scraper	@40.00	280.00
s.	D7E Cat	@30.00	300.00
s.	5 ton truck	@12.00	120.00
s.	D8 & Scraper	@40.00	400.00
s.	D7E Cat tractor	@30.00	300.00
s.	D8 Cat & Scraper	@40.00	400.00
s.	D7E Cat	@30.00	300.00
s.	D8 Cat & Scraper	@40.00	400.00
s.	D7E Cat tractor	@30.00	300.00
s.	D8 Cat & Scraper	@35.00	315.00
s.	D8 Cat & Scraper	@40.00	200.00
s.	D7E Cat	@30.00	30.00
s.	D8 Cat Tractor	@35.00	192.50
s.	D7E Cat Tractor	@30.00	30.00
	Total		$4,073.50

CHECKED
MBER 18c50 2016
R PAYMENT

Line 32/P113
Reversed Line 18/P116
Re-entered Line 19/P114

0 0 *

0	2	6	0	0	0
	2	3	4	2	2
	2	2	0	1	6
	4	0	1	3	0
	2	1	7	0	0
	2	1	6	0	0
	7	4	6	6	3
4	4	8	6	1	7

*

0 0 *

P.O. BOX 3079, WHITEHORSE, YUKON

ORDER NO. | DEPT. | DATE May 19/66

SOLD TO ANVIL MINING CORPORATION LIMITED | ADDRESS P.O. BOX 2470, WHITEHORSE

SHIP TO | ADDRESS

WHEN SHIP	HOW SHIP	TERMS	BUYER	SALESMAN

6		12"X12"X20'SPRUCE SKIDS			
26		6"X22"X26' Stringers			
		TO BE SUPPLIED IN ACCORDANCE WITH B.C.L.M.A.			
		SPECIFICATIONS FOR SELECT STRUCTURAL FIR			
					2269.80
		CONFIRMATION ONLY			
		REQ # 48167			

SIGNATURE

36402

GENERAL ENTERPRISES LTD.

WHOLESALERS — RETAILERS
BUILDING SUPPLIES

Whitehorse, Yukon, [illegible] 12 1966

NAME Canol Mining Corp Ltd

ADDRESS

SHIP TO Tuktu Arctic Contractors VIA CUSTOMER'S ORDER NO. 36402

QUANTITY	DESCRIPTION	FOOTAGE	PRICE	AMOUNT
26	pcs 6 x 12 x 24			
	Spruce Stringers			
	c.w. Lumber		Price	2269.50
	All Quantities			
	Above delivered To	Yearround	Point	
	Warehouse. Delivery	confirmed	by [illegible]	
	Yearround Dept	Date	[illegible], Jan 8	66
	P. O. NUMBER			
	PRICE CHECKED			
	QUANTITY CHECKED			
	COMPUTATIONS CHECKED			
	ACCOUNT NUMBER			199.28
	CHECK NUMBER			
	RECEIVED AND APPROVED FOR PAYMENT		TAX	
	BY		TOTAL	2469.60

CLERK	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RET'D.	PAID OUT
[illegible]						

PLAYPARIT ○ THE WHITEHORSE STAR

15435

Replacement Timbers Ordered
Removed from Yearround Yard

P.O. Box 339 Phone 5-2395

GENERAL ENTERPRISES LTD.

WHOLESALERS — RETAILERS
BUILDING SUPPLIES

Whitehorse, Yukon, April 6 1966

NAME Arvid Mines Corp Ltd

ADDRESS P.O. 36400

QUANTITY	DESCRIPTION	PRICE	AMOUNT
24	5/8 x 24 Drift Pins	50	12 00
25	3/4 x 20 " "		
52	3/4 x 30 " "	4.27 per Cwt	222.04
500	1/2 x 16 " "	5¢	
0	3/4 x 36 Machine Bolts allot.		
12	3/4 x 14 " " "	1.00	12 00
12	3/4 x 30 " " "	1.95	23 40
12	3/4 x 16 " " "	1.10	13 20
	[illegible]		282 64
	Freight		28 26
		TAX	25 38
		TOTAL	[illegible]

RECEIVED ABOVE IN GOOD ORDER
BY

CLERK | CASH | C.O.D. | CHARGE | ON ACCT. | EDGE. SET'L. | PAID OUT

P.O. Box 339 Phone 8-2395

GENERAL ENTERPRISES LTD.

WHOLESALERS — RETAILERS
BUILDING SUPPLIES

Whitehorse, Yukon, March 14 1966

NAME Arvin Mining Prod. Limited.

ADDRESS L.A.O. # 26193.

QUANTITY	DESCRIPTION	PRICE	AMOUNT
88	Pcs. 3"x10"x16' Fir #1 Spruce - (Extra Length).		330 16
	P. O. NUMBER		
	PRICE CHECKED		
	QUANTITY CHECKED		
	COMPUTATIONS CHECKED AB		
	ACCOUNT NUMBER 1150 Line 26/0-43.		
	CHECK NUMBER		
	APPROVED FOR PAYMENT		
		TAX	
		TOTAL	330 16

RECEIVED ABOVE IN GOOD ORDER
BY

CLERK | CASH | C.O.D. | CHARGE | ON ACCT. | ENGR. EST'D. | PAID OUT

P.O. Box 339 Phone 8-2395

GENERAL ENTERPRISES LTD.

WHOLESALERS — RETAILERS
BUILDING SUPPLIES

Whitehorse, Yukon, March 16 1966.

NAME Arctic Mining Con. Ltd.

ADDRESS Box of office of 36167

QUANTITY	DESCRIPTION	PRICE	AMOUNT
175	Pcs. 2x8x16 Rough Spruce.		701 30

P. O. NUMBER

PRICE CHECKED

QUANTITY CHECKED

COMPUTATIONS CHECKED OK

ACCOUNT NUMBER 1140 Fire 25 P-43

CREDIT NUMBER

APPROVED FOR PAYMENT ENDT

RECEIVED ABOVE IN GOOD ORDER

TAX	
TOTAL	701 30

CASH	C.O.D.	CHARGE	ON ACCT.	RET'D. MDSE.	PAID OUT

O. Box 339 Phone 8-2395

GENERAL ENTERPRISES LTD.

WHOLESALERS — RETAILERS
BUILDING SUPPLIES

Whitehorse, Yukon, Mar 15 1966

TO Arvis Mining Corp. Ltd.

ADDRESS Portable Mill #36167

QUANTITY	DESCRIPTION	PRICE	AMOUNT
25	Pcs. 2x8x16' Rough Spruce Lumber (2022 Fbm.)		217.90

P. O. NUMBER

PRICE CHECKED

QUANTITY CHECKED

COMPUTATIONS CHECKED OP

ACCOUNT NUMBER 1140 Rec 28/10-43

CHECK NUMBER

APPROVED FOR PAYMENT

RECEIVED ABOVE IN GOOD ORDER

TAX

TOTAL $ 217.90

CLERK | CASH | C.O.D. | CHARGE | ON ACCT. | MDSE. RET'D. | PAID OUT

P.O. Box 339 Phone 8-2395

GENERAL ENTERPRISES LTD.

WHOLESALERS — RETAILERS
BUILDING SUPPLIES

Whitehorse, Yukon, April 24 1964

NAME Silver Mines Ltd.

ADDRESS Keno B.C. V0T 1Y0

QUANTITY	DESCRIPTION	PRICE	AMOUNT
6	12 x 12 x 30' Piece		216 00
	P. O. NUMBER		
	PRICE CHECKED		
	QUANTITY CHECKED		
	COMPUTATIONS CHECKED		
	ACCT. NUMBER 1140	11	37
	CHEQUE NUMBER		
	APPROVED FOR PAYMENT		

E. J. Harper

Mgr

RECEIVED ABOVE IN GOOD ORDER

BY

TAX

TOTAL 216 00

CLERK | CASH | C.O.D. | CHARGE | ON ACC'T. | RDBL. SET'D. | PAID OUT

P.O. Box 339 Phone 8-2395

GENERAL ENTERPRISES LTD.

WHOLESALERS — RETAILERS
BUILDING SUPPLIES

Whitehorse, Yukon, March 15. 1966.

MR. Arctic Mining Co. Ltd.

ADDRESS Pt of Order #36193

QUANTITY	DESCRIPTION	PRICE	AMOUNT
30	2 x 10 x 16' Fancy Spruce		86 40
25	6 x 6 x 16' " "		129 60
10	Shts. ½" Sheathing		339 00
38	2 x 4 x 16' Sel. Spruce		67 05
20	Bdl. 3½" Log Mach. Bolts		12 30
20	" 3" " "	"	12 30
20	" 2½" " "	"	12 30
30	" 3¼" " "	"	11 20
20	Pcs. 1 x 8 x 16' Shiplap		36 48
	P. O. NUMBER		146 62
	PRICE CHECKED		
	QUANTITY CHECKED		
	COMPUTATIONS CHECKED OK		
	ACCOUNT NUMBER 1-1-1210 Line 27 1-43		
	CHECK NUMBER 1-1		
	GOODS RECEIVED PAYMENT	TAX	
		TOTAL	146 62

CASH | C.O.D. | CHARGE | ON ACCT. | RDER. RET'D. | PAID OUT

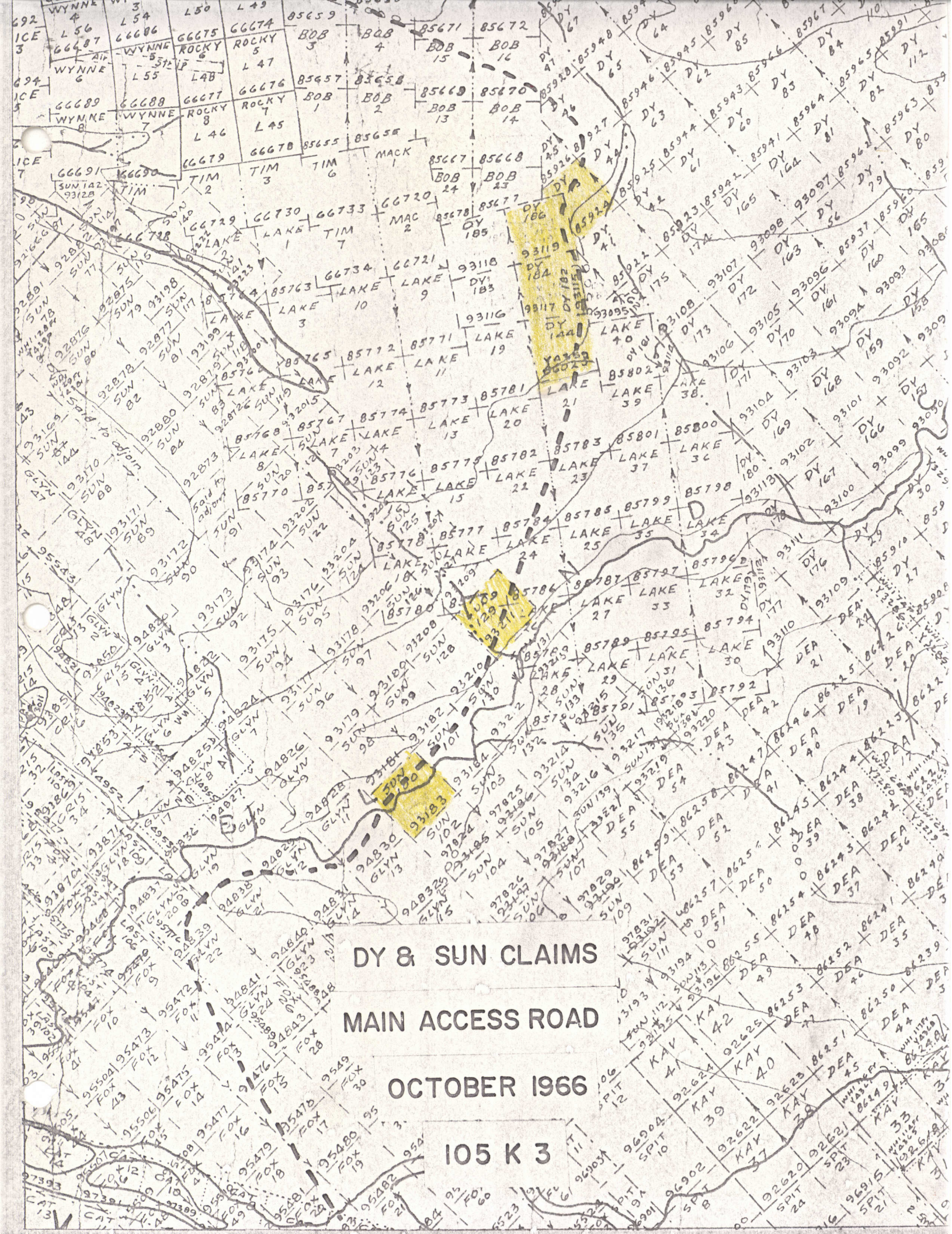
FARO

GAL CLAIMS

MAIN ACCESS ROAD

OCTOBER 1966

105K-6


DY & SUN CLAIMS
MAIN ACCESS ROAD
OCTOBER 1966
105 K 3

№ 33

№ 34

№ 35

№ 36

№ 37

№ 38

№ 39

№ 40

№ 41

№ 42

№ 43

№ 44

№ 45

№ 46

№ 47

№ 48

№ 49

№ 50

№ 51

№ 52

№ 53

№ 54

№ 55

№ 56

№ 57

GAL CLAIMS

GROUPING

OCTOBER 1966

105K-6


MAIN ACCESS ROAD
NOVEMBER 1966
105 K 3-6

902,000N
901,500N
901,000N
900,500N
900,000N
899,500N
596,500E
597,000E
597,500E
598,000E
598,500E

QUE 34 FR
QUE 25 FR
QUE 26 FR
QUE 33 FR
QUE 47 FR
MAC 1 FR
MAC 1
MAC 2
QUE 32 FR
QUE 31 FR
QUE 30 FR
QUE 29 FR
QUE 28 FR
QUE 27 FR
QUE 37 FR
QUE 38 FR
QUE 39 FR
DY 44A FR
DY 43A FR

GALE 15
GALE 14
GALE 13
GALE 47
GALE 49
GALE 51
GALE 53
GALE 55
GALE 25
GALE 26 FR
GALE 27
GALE 28
GALE 29
GALE 30
GALE 31
GALE 45
GALE 44
GALE 42
GALE 40
GALE 43

DY 65
DY 62
DY 63
DY 46
DY 45
DY 44
DY 61
DY 43
DY 42
DY 41
DY 174
DY 173
DY 144
DY 185
DY 186
DY 184
DY 183

90DY01
90DY04
90DY02
90DY03
90DY09
91DY03
90DY05
90DY07
91DY01
91DY02
90DY08
90DY06
90DY14
90DY13
90DY12
90DY11
90DY10
90DY□B1 - □B8

0 250m 500m

REVISIONS:

DY PROPERTY

1990 - 1991 DRILLHOLE LOCATION PLAN

REPORT No.: FIG. No.:

Drawn by: Date: N.T.S. Sheet No:

Drawing No.:

LEGEND:

⊠ DRILLHOLE COLLAR LOCATION

MAP# No Number Doc # 092960 (27)

CURRAGH RESOURCES INC.

Page 1 of _____

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90DX-01

Reference Fabric Orientation Diagram:

Project: _____

Location: DY PROPERTY

Claim: _____

~~Terr. Plane~~ UTM Co-ords.: 6901399.4 N

597347.3 E

RECEIVED
FEB 28 1991
MINING RECORDS OFFICE
WHITEHORSE, Y.T.

Grid Co-ords: _____

Elevation: 1100.3m

All symmetry determinations looking

Total Depth: 139.3m

_____ with _____ dipping

Inclination: -45° @ 195 Az

_____ with dip azimuth _____.

Purpose: LOCATE FAULT FOR DATA TO CALC' 3-D DISP.

Reason hole Terminated: INTERSECTED FAULT OF INTEREST

Logged by: J. Zbednaff

Date(s) Logged: _____

Drilling Contractor: E. CARON DRILLING

Hole Cemented: YES

Steel down Hole: CASING

Assay Lab: _____

Certificate No's: _____

	CORE Size	From	To
CASING		0.0	2.4m
NQ		2.4	139.3m

Collar Cased and Capped: Please

Started: _____ Completed: _____

DDH DY-90-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Aug '90 Logged By: D. Heaton

Code	From	To	Recov.	No.	Unit	Description
	0.0	2.4				CASING: Casing left in hole, Dewatered set at 6m.
	2.4	3.6			SFO	Medium grey/green, moderately to strongly calcareous, well laminated phyllite. Lamination vary in size from 0.2 - 0.4 cm, S$_2$ is poorly defined. CS$_2$ surfaces are medium to medium dark green/grey. Rock is generally medium hard, interval is strongly broken, recovery is good. Lower contact is sharp and parallel to
	3.6	4.9			SFO	(SFO) 70:30 Medium to light green weakly calcareous rock contains a poorly preserved cleavage (S$_2$) and a weak S$_2$ foliation. 5-7% fine grained pyrite (recrystallized) crosses through. Rock is generally medium hard CS$_2$ surfaces are medium to medium dark green. Upper and lower contacts are sharp and parallel to Interval contains 30% bands of SFO with moderately well preserved S$_2$. Rock is medium green, weakly calcareous and has a weak S$_2$. S$_2$ surfaces are medium green Interval is slightly broken, core recovery is good.

CDN 1987 E-7A

DDH DY 90-81 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Page 1

Date: Aug 90 Logged By: B. Theodoridis

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	4.9	56.8			SBQ	
						Medium gray unit is strongly calcareous throughout with well developed lamina from 0.1 - 1.0cm. S_2 is generally well developed with CS_2 surfaces medium gray. Unit hosts 1-2% cm. to dm. scale quartz calcite veins commonly oriented subparallel S_2. S_1 is generally well preserved. Unit is consistent in texture and composition throughout. Rock is medium to
						Core is moderately broken throughout but strongly broken and moderately overbroken 6.3 - 11.5. Recovery is generally good throughout, but very poor from 8.8 - 12.2 (47%). RQD is 0% 1.6
	56.8	59.1			SBQ	FAULT
						Medium gray, generally very weakly calcareous locally moderately calcareous rock is very strongly broken locally fractured with minor localized gouge. Minor oxidation of fractured and broken surfaces are rare. CS_2 and fractured surfaces are medium gray. Gouge and crushed zones occur at 56.8 - 57.0, 58.1 - 58.2, Recovery is generally poor to very poor (43%). RQD is 0% 1.0
	59.1	61.6			SQ	STRONGLY BROKEN
						Medium green, medium grained, moderately calcareous, slightly oxidized cuttings is strongly broken with weak to moderate oxidation on fractured surfaces. Igneous texture is well preserved with a weak

DDH 90-01

CURRAGH RESOURCES INC.

Lithologic Log

Page 2 of 8

Date: Aug 90 Logged By: [redacted]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						PS$_2$ foliation developed. Unit hosts 5-7% fine grained gold mineral (leucoxene?) 1-2% calcite blebs and stringers of variable orientation. Fractured surfaces are rarely parallel S$_2$. Recovery is moderate to poor (66%) RQD is 0%. Rock is medium hard.
	61.6	66.8			5C9	
						Medium green, moderately to strongly calcareous, gabbro contains a very well preserved igneous texture with a very weak PS$_2$ fabric overprint. Unit 5C9 is locally fractured with very low angle fractures TCA. These fractures are open and moderately oxidized. Interval contains 2-3% calcite stringers and clots of variable orientation. Rock is generally hard, slightly broken locally moderately fractured, recovery is good. Upper contact is by increase in RQD, lower contact is sharp
	66.8	75.8			5C0	(5FO) 85:15 ± Pyroxinite(?)
						MIXED UNIT. Inclusion units are medium dark green, contain a PS$_2$ fabric of variable intensity, locally recrystallized, often display strongly chloritized matrix phenocrysts (0.5-4mm) S$_2$ surfaces are dark green. Igneous texture is weakly to moderately preserved, units are weakly to moderately carbonatized and generally soft. S$_2$ fabric is sporadically moderately well preserved.
						5FO units are medium green, finely laminated moderately calcareous, and contain a well developed PS$_2$ fabric. S$_2$ surfaces

CPI 1987 E-3A

DDH 90Y-01 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Page 6 / [illegible]

Date: Aug '90 Logged By: T. Sheehan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						are medium green. Units are generally medium soft. Igneous units are generally moderately to strongly broken, phyllites are moderately broken. Contacts are often marked by minor slips and gouge - especially common at recent serpentinized units. Recovery is generally good. Serpentinized bands occur at: 69.2 - 70.0, 70.5 - 71.0. Pyroxenite occurs at 74.2 - 75.0.
	75.8	78.9			SFP	± BIOTITE (SCO) 86:14 Medium green, strongly calcareous, very well laminated phyllite contains a strong PS_2 fabric and a well preserved S_2 texture. Lamina are commonly 1-2 mm occasionally upto 3mm in width. Chloritic lamina often display variable degrees of biotitization. S_2 surfaces are medium green, sporadically black where biotite development is strong. Core is medium soft to slightly hard, moderately broken with good recovery. Interval hosts 30cm band of fine grained SCO at 77.5 - 77.9. Igneous texture is very poorly preserved, unit is massive, medium green, non-calcareous and contains 0-5% leucoxene(?) All contacts are sheared and parallel S_2. Locally PS_2 in phyllite is replaced by a well developed CS_2.

DDH SY 90-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Aug '90 Logged By: Z Beckett

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	78.9	80.5			SCP	
						Medium green, massive, non calcalcareous unit displays a very poorly preserved igneous texture and a moderate to weak PS_2 fabric. S_2 surfaces are medium to medium dark green. Rock is generally soft. Core is moderately broken, recovery is good. Upper and lower contacts are sharp and parallel S_2.
	80.5	90.2			SCP1	PyROXENITE
						Dark green, medium grained, non-calcareous pyroxenite is moderately magnetic, medium soft and contains a moderately well preserved igneous texture. A weak PS_2 fabric is locally visible. Core is slightly broken, with rare occurance of crushed zones less than 5cm wide, recovery is good. Upper and lower contacts are sharp and parallel S_2.
	90.2	92.1			SCP1	
						Medium-to medium/dark green, massive, non-calcareous locally very slightly calcareous rock contains a moderately well preserved igneous texture. Unit hosts 5-7% chloritized mafic minerals (1-1.5mm x 2-5mm) elongated into a well defined PS_2 fabric. No visible leucoxene. Unit is medium soft, core is very slightly broken, recovery is very good. Upper and lower contacts are sharp and parallel S_2

CRI 1987 E-3A

DDH DY90-01

CURRAGH RESOURCES INC.

Lithologic Log

Page 3

Date: Aug 90 Logged By: J. Ebert

From	To	Recov.	No.	Unit	Description
92.1	94.1			SCQ	BIOTITE Medium green, locally dark greenish black, moderately calcareous, rock contains a poorly preserved igneous texture and is weakly to moderately locally strongly altered to biotite. A moderate PS_2 fabric is ubiquitous. Bioturbation is generally controlled by S_2. Rock hosts 7-10% leucoxene and moderate chloritization. S_2 surfaces are dark green to very dark green/black where bioturbation is strong. Carbonatization is commonly stronger with an increase in biotite development. Rock is generally soft, core is moderately broken, recovery is good. Upper and lower contacts are sharp and parallel S_2
94.1	97.8			SFQ	± BIOTITE Bright green, finely laminated, moderately to slightly strongly calcareous phyllite contains a strong to moderate PS_2 fabric. Laminae are commonly 1-2mm in width, rare occurances of CS_2 contain laminae upto 3-4mm. S_2 surfaces are medium green. Biotite alteration increases in intensity down hole over last meter, but where most intense is still only slightly significant. Rock is medium hard, core is moderately broken, recovery is good. Upper contact is sharp and oriented steeper than PS_2 of upper unit and also steeper than PS_2 and S_2 of this unit; contact is 84° TCA, PS_2 and S_2 above and below contact are 70° TCA. Lower contact is sharp and parallel S_2

DDH AY 90-01

CURRAGH RESOURCES INC.

Lithologic Log

Page 7 of

Date: Aug '90 Logged By: Z Gerstner

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	95.8	102.4			5C9	
						Medium green, massive, generally non-calcareous sporadically moderately calcareous near lower contact. Rock contains a poorly preserved igneous texture overprinted by a moderate PS_2 fabric. Unit hosts trace - 10% fine grained leucocrene? elongated into S_2. S_2 surfaces are medium to medium dark green. 2-3% quartz calcite veinlets occur parallel S_2. Rock is soft, core is moderately locally slightly broken, recovery is good. Interval is strongly broken with poor recovery at 101.5 - 102.1 => RQD is 0% recovery is 67%. Upper and lower contacts are sharp and parallel S_2.
	102.4	104.9			5F9	1
						Light greenish gray, moderately well laminated moderately to strongly calcareous phyllite contains a moderately well defined CS_2 fabric. S_2 surfaces are medium grayish green. Unit is slightly silicous and medium hard. Lamina are variable in thickness commonly 1-2 mm, sporadically moderately to strongly silicous and 2-4 mm thick. Core is moderately broken, recovery is good. Upper and lower contacts are sharp and parallel S_2.
	104.9	106.6			5C9	
						Medium green, moderately calcareous gabbro contains a

C.R.I. 1987 E-3A

DDH DY 90-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: July 90 Logged By: D. Zbeela

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
		106.6				Moderately well preserved igneous texture and a strong PS_2 fabric. S_2 surfaces are dark to medium dark green. Unit hosts 10-15% fine grained leucocrene elongated into S_2, and 2-5% diffuse calcite veinlets parallel S_2. Rock is medium soft, core is slightly to moderately broken, recovery is good. Upper and lower contacts are sharp and parallel S_2
	106.6	107.1			500	Medium to olive green, very fine grained, non-calcareous unit containing a strong PS_2 fabric. S_2 surfaces are olive and dark green. Rock is locally siliceous and hard, generally unit is medium soft. No distinct fabric beyond S_2 which occassionally host black bands <1mm wide. Core is strongly broken and recovery is good.
	107.1	111.4			500	(5C4) (80:20) ± Ankerite (?) Generally medium green, non-calcareous, massive gabbro containing a weakly to moderately well preserved igneous texture. PS_2 is strong and ubiquitous and hosts 2-7% elongated chloritized mafic phenocrysts. S_2 surfaces are medium green. Unit hosts 0-7% fine grained leucocrene(?). Interval below 109.4 is sporadically altered

DDH DY90-01 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Dy 90 Logged By: J. Zbeetnoff

From	To	Recov.	No.	Unit	Description
(10–14)	(16–20)	(22–24)	(26–28)	(30–34)	(35)
					to a weak yellowish color. Frequency and intensity of
					alteration increases down hole. Alteration is considered
					ankerization or siderization. Rock is generally
					soft and moderately broken, recovery is good
					Upper contact is sharp and parallel S_2 Lower
					contact is gradational and parallel S_2. Lower contact
					has been selected where alteration changes from weak /
					locally moderate - to - generally moderately strong.
1114	1135			564	Ankerite (?)
					Medium green within moderate yellowish cast, massive
					slightly ankeritic (?) gabbro contains a moderately to poorly
					preserved igneous texture. PS_2 is strong and S_2 surfaces
					are buff - green. Unit hosts 5-7% elongated mafic
					phenocrysts, 5-7% fine grained leucoxene (?) and sporadic
					occurances of moderate to strong biotization. Dissolution
					appears to have a close relationship to cm scale
					quartz - dolomite veins subparallel S_2. Most intense
					biotization occurs within 1-2cm of veins. Yellowish
					cast / alteration increases in intensity down hole.
					Rock is generally soft, core is slightly broken and
					recovery is good. Upper contact is subjective (see upper
					intervals), lower contact is sharp and parallel S_2

DDH DY 90-01 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Page 12 of

Date: Aug 90 Logged By: P. Zbat...

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	113.5	116.2			SFA	± ankerite (?)
						Light gray/ish green to sporadically olive green and chocolate brown phyllite is medium to thickly laminated with a well formed CS_2 fabric. Lamina are generally 0.5 - 1.2 cm thick. Variable colors reflect bands and lamina of differing alteration. Ankeritization is present and at most is weak. No apparent rhyme nor reason for alteration distribution can be noted. S_2 surfaces are variable in color. Interval contains sporadic cm-scale quartz veins oblique to S_2 but there no correlation to alteration. Rock is generally soft, core is moderately broken, recovery is generally good. Upper contact is sharp and parallel S_2. Lower contact is sharp, parallel S_2 and selected on an increase in gray color.
	116.2	118.2			SBO	(SBA) 90:10
						Generally medium to light gray, locally multicolored as above unit, non-calcareous, very weakly dolomitic or ankeritic phyllite has a moderately to strongly developed CS_2 fabric. S_2 surfaces are medium gray. Multicolored alteration is weak, sporadic and occurs in mm-cm scale bands. Unit hosts 5-7% mm and cm scale quartz veins parallel S_2. Rock is medium soft, core is moderately broken, recovery is good. PS_2 dominates fabric over last 0.5m

DDH DY 90-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Ag 90 Logged By: S. Sheet, H

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	118.2	119.2			15B2	FAULT
						Medium grey, non-calcareous, non dolomitic, unit consists of 30% strongly broken and crushed rock and 70% gouge. Broken rock displays a strong S_2 fabric at 20° TCA. Gouge supports no available fabric orientation, and 1-2mm fragments of shattered quartz vein ?'s. Rock is generally mushy, recovery is poor. Upper and lower contacts ~~are~~ have not been recovered.
	119.2	137.2			502	
						Dark grey, very weakly calcareous and moderately carbonaceous phyllite is moderately C_2 foliated and has 2-5% scattered clots of Py. Unit contains 7-10% calcite veins and veinlets, 0-5% quartz-carbonate veins. Rock is generally medium hard, core is generally strongly broken with good recovery. Interval at 127.8-130.3 is very strongly broken, locally weakly crushed, recovery is 80%, RQD is 0%
	137.2	139.3			5B2L	
						As above with 40-30% broken quartz veins with moderate chloritized alteration along margins and within wall rock fragments
						END OF HOLE

DDH 90-DX-41 (2 of 8)

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: Aug '90 Logged By: J. COLEMAN

RAKE OF

From	To	Feature	Sym	S_0 L_2 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
10 14	16 20	22 24	26	28 32	34 38	40 44	
	51.16	CS2	Z	20	07 / 198	23	INC S1a (poss. M ass.)
	114.1	CS2	Z	08	34 / 148	55	
	118.0	CS2	S	07	14 / 344	53	
	233	CS2	S	12	13 / 009	51	
	284	CS2	Z	09	37 / 190	58	
	331	CS2	S	13	22 / 001	49	
	385	CS2	M	175	07 / 333	67	
	483	CS2	Z	07	06 / 180	58	
	513	CS2	Z	20	20 / 166	58	
	556	PS2				69	
	665	PS2				84	
	708	CS2	M	08	05 / 152	78	
	771	CS2	M	—	03 / 165	76	2)
	815	PS2				48	
	840	PS2				61	
	925	PS2				56	
	980	PS2				64	
	1039	CS2	S	18	12 / 350	61	
	1112	PS2				62	
	1130	CS2	S	08	20 / 015	65	
	1211.4	CS2	Z	155	20 / 143	70	
	1269	CS2	Z	06	22 / 006	70	
	1326	CS2	Z	24	13 / 158	63	
	1368	CS2		174	16 / 174	49	
							END OF HOLE

CRI

DDH DX 90-1 (2 of 8)

CURRAGH RESOURCES INC.
Fault Log

Page _____ of _____

Date: _____ Logged By: [illegible]

Code	FROM (m)	TO (At)	Feature	REC	UPPER Dip Direct	INTERNAL Dip Direct.	LOWER Dip Direct	Description
	10 14	18 20	22 24	26	28 32	34 38	40 44	
	56.41	57.01						10cm recovered, strongly crushed zone, no core gouge. Crushed fragments indicate a 45° relationship with core axis. Sg just above fault is oriented at 45° to core axis. RQD 0%
	57.01	58.21						Strongly fractured to 57.2, Crushed zone with minor gouge from 57.2 - 58.2. 45 cm recovered over entire interval RQD: 0%
	58.91	61.61						Strongly fractured zone, boulders are available on fractured surfaces. Localized rubble and weak ground zones are common
	67.61	68.91			50° TCA	65° TCA		Marked as like a interval gouge at 67.8, 68.5 0.9m recovered
	68.91	69.81						Interval supports localized strongly fractured zone. Gouge at 69.6 - 67.7 Recovery 100%
	80.17	82.81						Crushed zone, [illegible]
	118.01	119.21						Upper hold [illegible] Gouge [illegible] Must intersect fault intersection in hole. 50% recovery

CRI 1987 F-7

DDH DX 90-1 (2 / 8)

CURRAGH RESOURCES INC.
Fault Log

Page _____ of _____

Date: _____ Logged By: _____

Code	FROM	TO (At)	Feature	REC	UPPER Dip Direct	INTERNAL Dip Direct	LOWER Dip Direct	Description
	122.8	123.4						Moderately broken core RQD: 0% Fractures are generally parallel to core axis (Core Gauged @ 123.2m)
	128.1	129.2						Strongly fractured core Fractures are at most complex (non-parallel) to core axis. Locally rubbly. Rubble core axis
	129.9	130.3						Similar to 128.1 - 129.2 with less fractures and more rubble
	137.2	139.3						Strongly fractured core and moderately broken competent fractures are clean and blocky
		139.3						END OF HOLE

PROJECT _____ DRILLHOLE NO. DYGO-01 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE NQ E _____ PAGE __ of __

LOGGER J. Zhou, J.J. INCLINATION -45° ELEVATION _____

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	RT.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
2.4																	CASING
3.3		0.4		0				7	F							8	
5.8		1.1		1.0				10	F							24	
6.4		0.5		0				5	E							25	
7.0		0.5		0				5	F							20	
8.2		0.8		0				6	F							25	
8.9		0.45		0				6	E							22	
10.1		0.65		0				6	E							35	
11.3		0.7		0				5	E							36	
12.9		0.7		0				7	E							26	
14.3		1.5		0.25				8	E							31	
16.2		1.8		0.65				11	F							36	
17.4		1.3		0.75				10	E							16	
19.5		1.9		1.0				10	E							22	
21.9		2.4		1.4				12	F							31	
22.9		0.95		0				6	E							30	
24.4		1.2		0.5				9	F							24	
26.5		2.4		1.5				10	F							32	
29.3		2.8		1.2				7	F							43	
30.2		0.95		0				7	E							27	
32.6		2.2		0.65				9	F							40	
33.5		0.8		0.1				7	F							17	
34.5		0.65		0				7	F							20	
35.4		1.1		0.2				9	F							23	
37.7		1.7		0.5				9	E							25	
40.6		2.6		1.1				6	F							43	
41.8		0.75		0				6	F							22	
43.6		1.65		0.5				9	F							35	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. DY90-01 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGER J. Dyck, J.L. INCLINATION _____ ELEVATION _____

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
46.0		2.4		1.0				9	F							44	
48.2		1.9		0.15				7	F							40	
50.9		2.75		1.1				9	F							39	
52.7		1.85		0.55				9	F							33	
53.5		0.6		0				7	F							13	
54.6		0.45		0.10				7	F							23	
55.8		1.15		0.2				9	F							26	
57.0		1.05		0				7	F							25	minor gouge
58.2		0.35		0				3	F							14	crushed [illegible]
59.4		0.8		0.1				4	E							2[illegible]	[illegible]
60.1		0.35		0				6	E							15	[illegible]
60.7		0.35		0				6	E							14	[illegible]
61.9		1.05		0.15				6	E							18	broken
63.1		1.25		0				12	E							14	(fractured [illegible])
66.1		3.0		2.25				12	E							22	
68.9		1.35		1.0				10	F							26	minor gouge
70.4		1.7		0.35				9	F							25	minor gouge
72.2		1.8		0.5				7	F							35	
75.3		3.1		1.7				12	F							37	very minor gouge
78.3		3.0		1.0				9	F							40	
80.8		2.5		0.7				9	F							43	minor crushed zone @ 80.8
82.6		1.8		0.8				9	F							32	
84.4		1.8		0.7				9	F							24	
87.5		2.7		1.7				12	F							22	
89.9		2.6		1.4				12	F							32	
93.0		3.0		2.25				9	F							26	
93.6		0.60		0.4				10	F							6	
96.0		2.4		1.1				9	F							29	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. DY90-01 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGER D Zbeetnoff INCLINATION _____ ELEVATION _____

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
98.3		1.95		1.2				13	F							23	
101.5		3.0		2.0				13	F							24	
102.1		0.4		0				6	F							11	
104.9		1.75		1.4				12	F							38	
107.0		2.9		0.9				9	F							33	
110.0		3.0		1.8				10	F							33	
113.1		3.1		2.2				13	F							22	
116.1		3.0		1.6				9	F							28	
119.2		3.4		0.6				9	F							34	Fault / Gouge below this
121.0		1.75		0				6	F							39	
122.9		1.65		0.1				7	F							37	
125.3		2.6		0.65				9	F							49	
127.1		1.8		0.55				10	F							26	
128.6		1.45		0.5				6	F							19	crushed below 128.2
129.2		0.5		0				4	F							Lots	crush.
130.2		0.65		0				4	F							25	
131.1		0.7		0				6	F							21	
133.2		2.1		0.45				9	F							34	
135.3		2.2		0.55				9	F							37	
136.3		0.85		0.3				9	F							12	
138.1		2.0		0.9				9	F							32	
139.3		0.75		0.1				6	F							15	
End of Hole																	

Fig. 1. Typical rock mechanics core log.

CURRAGH RESOURCES INC.

Page 1 of ____

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90 DY - 03

Reference Fabric Orientation Diagram:

Project: _____

Location: DY PROPERTY

Claim: _____

~~Terr.Plane~~ Co-ords.: 6901328.0 N

597286.0 E

Grid Co-ords: _____

Elevation: 1120.6

All symmetry determinations looking

Total Depth: 151.5 m

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: LOCATE FAULT TO COLLECT DATA FOR 3D PROBLEM

Reason hole Terminated: INTERSECTED FAULT OF INTEREST

Logged by: S. Zbeetnoff

Date(s) Logged: _____

Drilling Contractor: F. CARON DRILLING

	Size	CORE From	To
	CASING	0.0	6.7 m
	NQ	6.7	151.5 m

Hole Cemented: YES

Steel down Hole: CASING

Collar Cased and Capped: [illegible]

Assay Lab: —

Certificate No's: —

Started: _____ Completed: _____

DDH DY93-03 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Page 3

Date: _____ Logged By: D. Sinclair

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	0.0	6.7				CASING: No recovery (Assume 5B2 by % near collar)
	6.7	10.0			5C3	Rock is generally medium green massive and relatively weak S$_2$ fabric. 25% of interval is moderately carbonatized and sporadic occurrences of coarse grained buff mineral (leucoxene) is common. PS$_2$ foliated Rock is soft clayey to moderately broken with good recovery. Lower contact is sharp & parallel S$_2$
	10.0	13.2			537	Medium green, weakly to moderately calcareous massive Contains a weak to moderate S$_2$ fabric and relict remnants of S$_1$ ocean floor sediments. Clayey fly ± accessory sporadically, CS$_2$ foliated. Rock is moderately soft good recovery. Upper and lower contacts are sharp & parallel S$_2$
	13.2	20.8			5C9	5C8 ± remnants (80:20) Unit is overall dark green locally medium dark green. Rock is less weakly calcareous. Interval has an elevated to fair carbonatized fabric. Quartz veins rare and on the cm scale - a single occurrence of calcareous is noted within unit quartz at 13.9m. Local unit is broken, crushed and contains clay gouge. PS$_2$ foliated Rock is soft to very soft recovery is good. Upper and lower contacts are sharp // S$_2$

C.R.I. 1987 E-3A

DDH 90DY-03 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	20.8	24.6			5C.4	Argillite (?)
						Medium locally medium green rock is general massive with a weak PS [illegible] Unit becomes [illegible] more [illegible] base of [illegible] lower contact is marked by [illegible] Core is moderately strongly scraped [illegible] Rock is soft, strongly broken and [illegible] Upper and lower contacts are sharp and parallel [illegible]
	24.6	27.3			5B.1	B
						Unit is 15-20% light grey/green siliceous bands within a [illegible] medium to [illegible] green [illegible] matrix. Siliceous bands are oriented subparallel to [illegible] Local [illegible] bands and are broken [illegible] out of the contact. Rock is soft and moderately broken with good recovery. Upper and lower contacts are sharp marked by [illegible] veins and are subparallel [illegible]
	27.3	29.7			5C.0	Medium [illegible] green rock [illegible] with [illegible] and [illegible] contacts are [illegible] PS [illegible] Upper contact [illegible] well preserved. Rock soft, moderately broken and [illegible] with good recovery. Upper and lower contacts sharp and parallel [illegible]
	29.7	32.4			5B.4	Medium gray, weak green coloration sporadically strongly non-calcareous rock contains well defined bands when wet. Bands are parallel PS, of equal hardness and are of brownish gray and bluish gray in color. Lower contact is [illegible]

DDH 90DY-05 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Page 2

Date: _____ Logged By: D. Lambert

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	32.4	33.4			SRO	2
						Medium gray phyllite contains a well developed C_2
						fabric with minor concentrations of carbonaceous
						material. Unit is non calcareous. S_2 surfaces are not shiny
						Entire interval represents a gradation contact zone
						upper and lower units. Rock is soft moderately hard,
						broken with good recovery.
	33.4	38.2			SRZ	
						Rock is dark gray, moderately carbonaceous, non
						calcareous and is commonly broken into chips and
						fragments along a well developed PS_2. P_2 as
						clots and wisps along S_2 is ubiquitous. Lower
						contact is very sharp. Upper contact is gradational
						S_2 surfaces are dark gray and very weakly tarnish fringed.
	38.2	50.4			SBZ	SBO SBZ (50:14:1)
						Rock is generally medium to light green locally medium
						grayish green. Interval is medium to strongly calcareous with local
						occurrences of moderate well preserved CS_2. Rock is moderately soft
						slightly laminated, broken with good recovery. Upper contact is
						gradational. Lower contact is sharp and parallel S_2.
						49.8 - 50.2: SBZ Narrow band of non calcareous carbonaceous
						phyllite above base of 1% calcite veinlets

CPI 1987 E-3A

DDH 90-SY-03 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Sparrow

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	52.4	54.7			5B9	(5B02) 70:30
						Medium grey unit is strongly to moderately calcareous CS$_0$ foliated, locally moderately carbonaceous. Rock is moderately soft moderately broken with good recovery. Upper and lower contacts are sharp. S$_2$ surfaces are medium and medium dark grey.
	54.7	55.9			5B8	2
						Medium to light green, locally medium to light grey rock containing minor partings of weakly carbonaceous CS$_0$ planes. Interval is weakly carbonaceous and hosts 3-5% quartz-calcite veins with strongly chloritized margins. Rock is soft to firm, moderately broken with good recovery. Upper and lower contacts are sharp and parallel S$_2$
	55.9	57.2			5B9	2
						Medium to medium dark grey rock is non calcareous and weakly carbonaceous. S$_2$ is generally well preserved with a moderately well developed CS$_0$ fabric. Interval hosts 5-7% quartz-calcite veins with very weak to no chloritic alteration along margins. S$_2$ surfaces are dark grey and have varnish lineations. Upper & lower contacts are sharp & // S$_2$

DDH DY 90-03 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	57.2	65.6			5B2	5B02 (80:20)
						Carbonaceous phyllite; dark gray non calcareous and generally contains a well developed CS_2 fabric locally intersected by a lighter gray color and the well preserved CS_2 fabric. 5-7% quartz-calcite veins occur throughout and is seldom associated with chlorite alteration along margins; when present is very weak. Py is episodic and fine grained. Lower contact is marked by a fine bedding at 0.4m quartz-calcite with weak chloritic margins. Rock is locally broken and fractured in direction with these S_2 planes. Cavity is rare but does occur in bands 10cm or less at 61.5 and 64.2. S_2 surfaces are very dark gray and occasionally have fine [illegible]
	65.6	69.4			5B2	2
						Medium gray calcareous phyllite host minor carbonaceous material along well developed CS_2 fabric. S_2 is locally well preserved and contorted. 0-3% pyrite is generally cubic and lack well developed pressure shadows, Py is also episodic and contain well developed pressure shadows.
	69.4	72.5			5B4	5B04
						Rock is medium gray with a very slight hint of green, non-calcareous and hosts 15% quartz-calcite veins [illegible]

001 MAY F-3A

DDH [redacted] CURRAGH RESOURCES INC. Page 2

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						carbonatized. Intense veining, locally in fine lacy CS_2 is generally developed
						Plots 1cm
	72.5	73.3			5C14	
						Medium grey to green very coarse contorted bands 2-5mm at intense carbonatization which are often contorted, cut by a very well developed CS_2 and folded. Unit hosts 20-25% fine buff brown (weathered) veining in folded (M cycle) veins and within S_2 foliation planes. Unit hosts 15% calcite veining in both above
	73.3	81.2			5B4	5CO (98:2)
						Medium grey with weak green tint. Unit is moderately carbonatized, although calcite is concentrated in diffuse stringers and bands which are often moderately folded and contorted (2 generally). CS_2 is generally marked by the carbonatized bands, S_2 is generally weakly developed. A minor band of strongly carbonatized and foliated gabbro occurs @ 74.4 - 74.9.

CRI 1987 F-7A

DDH 90DV-53 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Page 4

Date: _____ Logged By: S. Tyrrell

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	81.2	84.7			SCP	
						Medium greyish green, moderately to strongly calcareous and contains a vague igneous texture. Rock hosts 20% fine grained buff mineral (leucoxene) which is often crudely aligned indicating S_0. Evidence of S_0 is best displayed by diffuse calcareous bands (1-3 mm) (M-Symbol). Structural fabric is best defined when carbonatized bands (?) is parallel S_2 (?), CS_2 is sporadically developed.
	84.7	90.3			SDQ	SFD BD:40
						Medium greyish green carbonate alteration is moderate but commonly limited to fractures and diffuse bands. Both S_1 and S_2 are present but both are weakly developed. Chloritization is moderate and ubiquitous. Unit hosts 1-2% cm scale white quartz calcite veins oriented subparallel S_2 (?) and contains no noticable increase of chloritization along margins.
	90.3	92.2			SCP	
						Massive medium greenish gray unit is moderately carbonatized although calcite is most commonly noted in fractures and diffuse stringers and bands. Igneous texture is moderate well preserved. Unit hosts 5-20% fine grained buff mineral (leucoxene?)

CPI 1987 F-3A

DDH 90-03
2 8

CURRAGH RESOURCES INC.

Lithologic Log

Page 12

Date: _____ Logged By: [illegible]

Geo	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	92.2	93.9			5B4	5CO (90:10)
						Rock is local well laminated and very well to weakly calcareous in general unit is very strongly carbonated. Crystal in general fine to very fine scale although locally [illegible] with intense carbonate.
						Unit is [illegible]
						Interval hosts a sulphide [illegible] carbonate [illegible] pervasive and 15 to 20% [illegible]
	93.9	94.8			5C4	
						Medium grey unit is [illegible] it is [illegible] closed [illegible] and [illegible]. The [illegible] except one [illegible] with [illegible] medium grey and very well [illegible]. The second [illegible] grade very fine [illegible] A [illegible] pervasive [illegible]
	94.8	95.4			5G8	
						Medium grey [illegible] strongly to [illegible] very fine [illegible] strongly calcareous [illegible] and in general [illegible] Medium [illegible]

CRL 1987 E-3A

DDH 95-25

CURRAGH RESOURCES INC.

Lithologic Log

Page 11

Date: _____ Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						CS₂
						0 [illegible] fabric [illegible]
						hours [illegible] 3cm [illegible]
						consisting of crushed rock [illegible]
	95.4	125.4			5B2	
						Dark gray phyllite to non-carbonaceous [illegible]
						quartz veins with a rare association with pinkish carbonate.
						Veins are rarely [illegible]
						present in [illegible]
						by quartz
						CS₂ [illegible]
						core [illegible]
						Weak [illegible]
						116.1 - 116.2 Weak [illegible]
						123.1 - 123.15 Weak [illegible]
	125.4	191.0			5B2	
						Dark gray [illegible]
						[illegible] broken core, commonly along [illegible]
						interval is crushed and [illegible]
						which cross cuts [illegible]

C.D.I. 1987 E-34

DDH 90 P4-93 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: D Tweedale

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						angular highly jointed and supported in a moderately competent matrix rock.
	129.6	135.6			5,82	3
						Medium to dark grey rock is weakly calcareous and slightly lighter in color than above and lower units. Interval is generally competent, only locally moderately strongly broken in an orientation parallel to and cross cutting S_0. Quartz veining constitutes 2-3% of interval and only locally displays angular outlines and brecciated habit. CS_0 related.
	135.6	139.7			5,82	FAULT *
						Dark grey rock generally display strong shear fabric which cross cuts S_0. Numerous fractures throughout interval are brecciated, strongly jointed and occur within a moderately competent matrix but still contain strong shear fabric. Quartz veining is common and typically supports minor sporadic gouge zones which do not exceed 10 cm in width. Unit has minor disturbance.

DDH 90.Dx.03 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Beck

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	139.7	151.5			5B2+	3 5B3 (95.5)
						Moderate dark grey phyllite to locally weakly calcareous and
						locally 5-7% quartz calcite veins and 5-7% calcite and
						chlorite blebs. Veins generally 1-2cm wide,
						occasional subvertical veins. Pyrrhotite, CSg in veins
						and ~~[illegible]~~ wall rock.
						Interval contains 2 intervals of strongly calcareous
						bull to light grey sediment at: 145.2-144.4, 147.3-148.0,
						and 148.5-148.9
		151.5				End of Hole

DDH [redacted] 2 8 CURRAGH RESOURCES INC. Page 2 of

Fault Log Date: Logged By:

Code	FROM	TO (At)	Feature	REC.	UPPER Dip Direct	INTERNAL Dip Direct.	LOWER Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
	61.51	61.61			56		23	Gouge zone at footwall [illegible]
								[illegible]
								522
		95.4				75		2cm band of gouge
								at footwall of vein
								507 and 522
								582
	116.9	116.2			22			Narrow (1-2cm) gouge
								zone with rubble below
		123.1					45°	Minor band of gouge
	125.4	129.6				39 (Av)	35	Most movement is
								along S_2 or subparallel
								to it. Locally moderate
								to strong shear fabric
								cross cuts S_2 and is
								hosted by moderately
								competent rock. 35-42°
								(moderate to weak fault zone)
	135.6	139.7				20		Strong fault zone displays
								strong shear fabric
								and local bands of
								gouge. Quartz veins are
								generally broken with
								angular fragments
								highly rotated within
								sheared matrix.
								Shear angles are generally
								low in relation to
								core axis (15-25°)
								END OF HOLE

DDH 90-92-23 (2 inches 8)

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: Aug 2/90 Logged By: LJ

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	
		110 6	PIS12				713	approaching CS_2 [illegible]
		114 8	PIS12				710	micaceous foliation
		121 4	CIS12	S		317 3318	716	S_1 - poss. [illegible] banding S_2 - crenulation cleavage
		1215 0	CIS12	Z		116 1315	716	" " "
		1312 6	PIS12				612	micaceous foliation
		1412 0	CIS16	S		312 1412	613	S_1 compositional banding S_2 crenulation cleavage
		1457	CIS12	M		214 1910	718	" " "
		1511 2	CIS12	S		511 1216	617	" " "
		1517 4	PIS12				714	micaceous foliation
		1614 0	CIS12	M		17 1210	513	S_1 comp. banding S_2 crenulation cleavage
		1617 8	CIS12	D		312 1017	717	" " "
		1712 6	CIS12	Z		216 2017	814	" " "
		1719 2	CIS12	Z		114 2014	713	" " "
		1913 3	PIS12				78	micaceous foliation
		1911 3	PIS12				713	" " "
		1914 8	CIS12	S		415 110	812	micaceous foliation S_1 S_2
		11014 4	CIS12			110 115	717	S_1 comp. banding S_2 crenulation cleavage
		11017 2	CIS12	S		319 1211	812	S_1 comp. banding S_2 strong spaced crenulation cleavage
		11137	PIS12				717	micaceous foliation
		11210 6	CIS12	S		212 110	617	S_2 = crenulation cleavage S_1 = compositional banding
		11214 0	PIS12				811	micaceous cren. cleavage
		11312 7	CIS12	M			710	S_1 comp. banding S_2 crenulation cleavage fold hinge in S_1 (ch. 2 fold
		11319 6	PIS12				910	micaceous cleavage
		11413 9	PIS12				710	" "
		11511 0	PIS12				815	" "
								EOH ended

PROJECT _____ DRILLHOLE NO. GQDY-03 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGER _____ INCLINATION _____ ELEVATION _____

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
6.7																	Casing
8.2		1.5		0				7	E							39	
10.4		2.1		0.65				9	E							35	
11.3		0.9		0.4				10	F							12	
14.0		2.1		0.5				9	F							37	
16.2		1.9		0.4				9	F							40	
18.9		2.4		0.33				9	F							43	
20.4		0.7		0				6	F							25	
23.0		2.7		0.3				9	F							41	
24.3		1.3		0.3				6	F							30	Core broken during drilling
27.4		2.1		0.6				9	F							30	
28.5		0.6		0.1				7	F							17	
29.6		1.1		0.3				9	F							17	
32.6		2.7		0.95				7	F							40	
35.4		2.1		0				9	F							37	
36.6		0.8		0				6	F							28	
39.0		2.4		0.65				9	F							45	
42.1		3.1		2.1				10	F							31	
44.9		2.6		1.9				12	F							24	
47.6		3.0		2.0				10	F							32	
50.9		3.1		2.3				12	F							21	
54.0		3.1		1.45				10	F							26	
[illegible]		3.0		2.2				9	F							21	
[illegible]		2.3		0.6				5	F							44	Core broken during drilling
60.1		0.5		0.2				12	F							7	
61.6		1.2		0.2				7	F							24	Core broken during drilling
64.6		3.0		0.15				7	F							48	
65.7		1.1		0.25				9	F							16	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 90DY-03 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGER [illegible] INCLINATION _____ ELEVATION _____

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
69.7		3.0		1.8				10	F							29	
71.8		3.1		0.9				9	F							44	
72.5		1.4		1.4				13	I							7	
75.0		2.5		1.1				12	I							14	
78.0		3.0		2.6				13	I							16	
[illegible]		0.3		0.25				7	I							4	
[illegible]		3.1		2.0				10	I							27	
84.4		3.0		1.9				12	I							27	
86.6		1.8		0.3				6	F							35	
90.6		3.0		1.8				10	I							32	
[illegible]		3.1		1.6				10	I							37	
96.7		3.0		1.5				9	F							32	
[illegible]		3.0		0.1				9	I							24	
[illegible]		3.1		1.8				9	I							38	
105.8		3.0		0.5				7	F							47	
[illegible]		3.1		1.2				9	F							43	
111.8		3.0		0.6				7	F							58	
[illegible]		3.1		0.5				9	F							59	
118.9		1.3		1.1				9	F							37	
119.2		2.7		0.1				6	F							66	
121.9		1.1		2.3				6	F							20	
121.0		2.1		0.55				6	F							54	
124.1		3.1		1.2				9	I							39	
125.9		1.8		0.85				10	I							35	
128.8		0.8		0				6	I							33	
[illegible]		0.9		0				3	F							2	
[illegible]		0.5		0				6	F							1	
[illegible]		1.4		0.3				7	F							23	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 90DY-03 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGER Sherland INCLINATION _____ ELEVATION _____

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
131.7		0.6		0.1				7	F							14	Sporadic crushed rock
132.2		1.5		0.6				9	F							27	
133.9		2.4		1.2				10	F							33	
136.6		1.5		0.2				9	F							12	
138.4		1.7		0.55				6	F							30	Minor gouge
139.3		0.9		0				7	F							16	Many gouge seams
142.3		3.0		0.75				7	F							48	
145.4		3.1		1.7				10	F							32	
148.4		3.0		1.7				10	F							34	
151.5		3.1		1.5				10	F							28	
END OF HOLE																	

Fig. 1. Typical rock mechanics core log.

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VANCOUVER OFFICE

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: Aug - Dec 1990

Hole Number: 90DY-04-DS

Reference Fabric Orientation Diagram:

Project: ____

Location: DY Property

Claim: ____

~~Tent. Plane~~ Co-ords.: 6901369.5 N

597305.0 E

Grid Co-ords: ____

Elevation: 1115.3

All symmetry determinations looking

Total Depth: 662.3m

____ with ____ dipping

Inclination: -90.00

____ with dip azimuth ____.

Purpose: To Test Rock Quality For Proposed DY Shaft

Reason hole Terminated: Complications at Depth

Logged by: F. Zbetnoff

Date(s) Logged: Aug - Oct 1990

Drilling Contractor: E. Cairn Drilling

Hole Cemented: Yes

Steel down Hole: No

Assay Lab: NAL Labs

Certificate No's: ____

CORE

Size	From	To	
PQ Casing	0.0	28.0m	
HQ Casing	0.0	28.0m	
HQ	28.0	198.7m	
NQ	198.7	205.7m	
NQ	205.7	236.2m	- No recovery
NQ	236.2	570.0m	
NQ	570.0	598.3m	- No recovery
NQ	598.3	662.3m	

Collar Cased and Capped: ____

Started: Aug 5 1990 Completed: Oct 1990

GYROSCOPIC DIRECTIONAL SURVEY

1990 08 22
CX-LB-00455

CURRAGH RESOURCES INC.
90DY-04-DS
REFERENCE DIRECTION IS TRUE NORTH

VERTICAL SECTION ALONG CLOSURE
DISTANCES ARE IN FEET
SURVEYOR BGG

TOTAL MEAS DEPTH	ANGLE DEG.DEC	AZIMUTH DEG.DEC	TRUE VERTICAL DEPTH	TOTAL CO-ORDINATES NORTH	EAST	VERTICAL SECTION	DLS PER 100
0.	0.46	183.20	0.00	0.00	0.00	0.00	
25.	0.55	176.63	25.00	-0.22	0.00	0.20	0.43
50.	0.51	176.35	50.00	-0.45	0.02	0.40	0.19
75.	0.51	189.00	75.00	-0.67	0.01	0.61	0.45
100.	0.65	195.40	100.00	-0.92	-0.05	0.85	0.61
125.	0.80	199.27	124.99	-1.22	-0.14	1.17	0.63
150.	0.87	203.63	149.99	-1.56	-0.28	1.53	0.39
175.	0.94	199.74	174.99	-1.93	-0.42	1.92	0.36
200.	0.90	198.58	199.98	-2.31	-0.56	2.32	0.15
225.	0.86	210.25	224.98	-2.65	-0.71	2.71	0.74
250.	1.01	211.17	249.98	-3.00	-0.92	3.11	0.60
275.	1.23	209.11	274.97	-3.43	-1.17	3.60	0.92
300.	1.28	210.58	299.97	-3.90	-1.44	4.15	0.21
325.	1.29	207.68	324.96	-4.39	-1.71	4.70	0.27
350.	1.32	203.75	349.95	-4.91	-1.96	5.27	0.38
375.	1.34	211.17	374.95	-5.42	-2.23	5.85	0.69
400.	1.34	212.29	399.94	-5.92	-2.53	6.43	0.11
425.	1.33	209.66	424.93	-6.42	-2.83	7.01	0.25
450.	1.23	213.38	449.93	-6.89	-3.12	7.56	0.52
475.	1.29	213.54	474.92	-7.35	-3.43	8.11	0.26
500.	1.30	209.67	499.92	-7.83	-3.72	8.67	0.36
525.	1.45	206.84	524.91	-8.36	-4.01	9.27	0.63
550.	1.48	202.84	549.90	-8.94	-4.27	9.91	0.43
575.	1.33	201.51	574.89	-9.50	-4.50	10.52	0.63
600.	1.49	204.11	599.89	-10.07	-4.74	11.13	0.69
625.	1.46	202.94	624.88	-10.66	-5.00	11.77	0.15
637.	1.45	203.77	636.87	-10.94	-5.12	12.08	0.21
650.	1.45	203.78	649.87	-11.24	-5.25	12.41	0.00

LAST DEPTH WAS EXTRAPOLATED ALONG LAST INC AND DIR

MINIMUM CURVATURE METHOD

HORIZONTAL DISPLACEMENT AT BOTTOM HOLE IS
12.41 FEET ALONG 205.05 DEG
RELATIVE TO WELL HEAD

VERTICAL SECTION RELATIVE TO WELL HEAD

GYROSCOPIC DIRECTIONAL SURVEY

CURRAGH RESOURCES INC.
90DY-04-DS
REFERENCE DIRECTION IS TRUE NORTH

1990 09 21
CX-LB-00515
VERTICAL SECTION ALONG CLOSURE
DISTANCES ARE IN FEET
SURVEYOR BGG

TOTAL MEAS DEPTH	ANGLE DEG.DEC	AZIMUTH DEG.DEC	TRUE VERTICAL DEPTH	TOTAL CO-ORDINATES NORTH	EAST	VERTICAL SECTION	DLS PER 100
600.	1.49	204.11	599.89	-10.07	-4.74	-2.88	
625.	1.41	202.33	624.88	-10.65	-4.99	-3.06	0.37
650.	1.22	203.98	649.88	-11.18	-5.21	-3.23	0.77
675.	1.08	211.28	674.87	-11.62	-5.45	-3.34	0.81
700.	0.49	221.81	699.87	-11.90	-5.64	-3.37	2.42
725.	0.24	73.88	724.87	-11.97	-5.66	-3.40	2.82
750.	0.86	56.09	749.87	-11.85	-5.45	-3.48	2.55
775.	1.10	49.86	774.86	-11.59	-5.11	-3.57	1.03
800.	1.01	50.63	799.86	-11.30	-4.76	-3.65	0.36
825.	1.00	47.57	824.85	-11.01	-4.43	-3.72	0.22
850.	1.02	40.14	849.85	-10.69	-4.13	-3.75	0.54
875.	0.97	30.75	874.85	-10.34	-3.87	-3.71	0.69
900.	0.93	26.17	899.84	-9.98	-3.68	-3.63	0.34
925.	0.92	19.04	924.84	-9.60	-3.52	-3.51	0.46
950.	0.83	15.45	949.84	-9.24	-3.41	-3.36	0.45
975.	0.85	6.15	974.83	-8.88	-3.34	-3.18	0.56
1000.	0.82	4.51	999.83	-8.52	-3.30	-2.97	0.15
1025.	0.82	356.86	1024.83	-8.16	-3.30	-2.74	0.44
1050.	0.78	358.29	1049.83	-7.81	-3.32	-2.51	0.19
1075.	0.81	357.89	1074.82	-7.46	-3.33	-2.27	0.11
1100.	0.92	2.55	1099.82	-7.09	-3.32	-2.03	0.53
1125.	0.91	355.44	1124.82	-6.69	-3.33	-1.77	0.45
1150.	0.89	357.27	1149.82	-6.30	-3.36	-1.50	0.14
1175.	0.93	358.98	1174.81	-5.90	-3.37	-1.23	0.18
1200.	0.89	359.90	1199.81	-5.50	-3.37	-0.97	0.17
1225.	0.89	356.93	1224.81	-5.11	-3.38	-0.72	0.18
1250.	0.93	358.44	1249.80	-4.72	-3.40	-0.45	0.17
1275.	0.93	351.08	1274.80	-4.32	-3.44	-0.16	0.48
1300.	1.01	348.34	1299.80	-3.90	-3.51	0.17	0.36
1325.	1.02	348.25	1324.79	-3.47	-3.60	0.52	0.06
1350.	1.19	342.65	1349.79	-3.00	-3.73	0.91	0.79
1375.	1.29	341.77	1374.78	-2.48	-3.89	1.37	0.42
1400.	1.26	337.03	1399.78	-1.96	-4.09	1.85	0.44
1425.	1.18	338.86	1424.77	-1.47	-4.29	2.33	0.34
1450.	1.17	341.53	1449.76	-0.99	-4.46	2.77	0.23
1475.	1.04	342.64	1474.76	-0.53	-4.61	3.18	0.51
1500.	1.06	343.62	1499.76	-0.09	-4.74	3.56	0.10
1525.	1.18	348.08	1524.75	0.38	-4.86	3.96	0.60
1550.	1.16	345.48	1549.75	0.88	-4.98	4.37	0.22
1575.	1.21	349.46	1574.74	1.38	-5.09	4.78	0.39

GYROSCOPIC DIRECTIONAL SURVEY

1990 09 21
CURRAGH RESOURCES INC. CX-LB-00515
90DY-04-DS VERTICAL SECTION ALONG CLOSURE
REFERENCE DIRECTION IS TRUE NORTH DISTANCES ARE IN FEET
SURVEYOR BGG

TOTAL MEAS DEPTH	ANGLE DEG.DEC	AZIMUTH DEG.DEC	TRUE VERTICAL DEPTH	TOTAL CO-ORDINATES NORTH	EAST	VERTICAL SECTION	DLS PER 100
1600.	1.32	349.37	1599.73	1.93	-5.19	5.21	0.44
1625.	1.43	351.10	1624.73	2.52	-5.29	5.67	0.44
1650.	1.50	346.34	1649.72	3.14	-5.42	6.16	0.56
1675.	1.72	347.79	1674.71	3.83	-5.57	6.73	0.90
1700.	1.73	347.59	1699.70	4.56	-5.73	7.32	0.05
1712.	1.75	345.42	1711.69	4.91	-5.82	7.62	0.57

MINIMUM CURVATURE METHOD

HORIZONTAL DISPLACEMENT AT BOTTOM HOLE IS
7.62 FEET ALONG 310.19 DEG
RELATIVE TO WELL HEAD

VERTICAL SECTION RELATIVE TO WELL HEAD

CURRAGH RESOURCES INC.

Diamond Drill Core Log

Date: _____ Logged By: _____

DDH _____ (2 – 8)

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

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

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

DDH 90 DY 04 - 05

CURRAGH RESOURCES INC.

Lithologic Log

Date: Aug 23/90 Logged By: JZ

Code	From (metres)	To (metres)	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	0.0	3.7			CASING	TRICONED TO 12', No recovery. Drilling rate and head pressures
					1/1A	while triconing suggest similar rock type from surface to
						12'. Surface geology and rock type @ 12' are 537.
						CASING later reamed to 26' (7.9 meters).
	3.7	11.3			SFIO	(SDO)(SCA) 97:02:01
						Light green, moderately calcareous, well-laminated, moderately soft, chloritic
						phyllite. Laminae range 0.5-3.0 mm in thickness and weakly defines a
						S2 crenulation cleavage. Contains 1-7% qtz-calcite veins ranging in
						thickness 2mm-4cm. Veins crenulated, S2 foliaform. S2 surfaces are
						medium to silvery green. Moderate chlorite selvages on margins of veins and within
						veins.
						Occ thin SDO bands 9.95-10.2. Medium olive green, calcareous with
						calcite veinlets and stringers, 2% subhedral pyrite, moderately soft, PS2-foliated,
						chloritic phyllite. Pressure shadows of qtz-calcite around pyrite grains. S2
						surfaces are grey olive green. Marginal contacts with SF are sharp.
						Unit hosts 3 bands of SC starting at 10.8-11.3. Bands are 1-5 cm
						thick. Medium green sediments PS2 foliation. SC associated with calcite
						veins up to 20%. SC has pale tan disseminated fine bands/stringers of
						unidentified mineral (leucoxene?)
						Interval 3.7-7.1 broken with 50% recovery related to top of hole.
						7.1-EOH slightly broken with good recovery.

DDH 90DY-04-DS
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Aug 23/92 Logged By: JAZ

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
	111.5	112.6			15196	
						Medium green, generally moderately soft to moderately hard, PS2 foliated chloritic unit. S2 surfaces are mottled light and dark green. Relict igneous texture generally well preserved. Mafic grains locally elongate S2. Contains 7-15% fine, buff mineral as thin small "stringers" (leucoxene?), 3-5% calcite stringers, 2% qtz-calcite veins generally parallel S2. Minor chlorite increase marginal to veins, lower contact is 10 cm qtz-cc vein.
						Core slightly broken w/ good recovery.
	112.6	114.1			15F161	±0 (5CC) 75:25
						Medium green, moderately soft, moderately laminated, CS2-foliated, generally moderately chloritic phyllite. Upper 20cm is calcareous. S2 surfaces are medium to olive green. Not olive enough to be SD. Phyllite host 3-4% calcite stringers in late fractures 3-4° from core axis.
						5C is medium green, moderately soft, PS2-foliated. Moderately well preserved igneous texture. Mafic minerals typically strongly stretched along S2. Contains 1-2% calcite in late fractures subparallel core axis. Contacts with phyllite are sharp parallel S2.
						Core slightly to moderately broken w/ good recovery.
						Two quartz veins 7-10 cm thick w/ trace of sulphides (cpy). Moderate chloritic selvages along margins.
	114.1	214.6"			15C161	
						Pyroxenite
						Dark green, soft, moderately, generally massive with weak S2. Unit hosts 7-10% carbonate stringers and clots — reacts poorly to 20% HCl (dolomite + ankerite).
						Unit moderately to strongly magnetic. Carbonate clots are relict igneous texture.

DDH 92-2 92-4 92-8 DS

CURRAGH RESOURCES INC.
Lithologic Log

Date: Aug 23/92 Logged By: IAS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
		214.6				Unit has been sequentinized. Lower contact sharp with mylonitic penetrative S2 destroying the relict igneous texture. Lower contact sharp cross cutting S2. Overall core moderately broken. 201.5 - 211.3 fractured parallel core axis with reddish brown iron oxides on fractures. Intvl 222.3 - 241.1 strongly broken & locally gouged. Related to rock type - no major fault. Overall recovery is good.
	214.6	216.0			SICO	
						Medium to dark green, massive, weak to moderate PS2 - foliated, non-magnetic, weakly to moderately calcareous, soft chloritic phyllite. 3% calcite stringers on 45° fractures randomly oriented locally some relict igneous texture weakly stretched along S2. Lower contact sharp parallel S2. Core moderately broken w/ good recovery. S2 surfaces dark green to medium green
	216.0	227.3			SIFIO	(SCO) MINOR
						Medium green, moderately to strongly calcareous, moderately hard, moderately well laminated chloritic phyllite. Both PS2 and CS2 foliated - dominantly PS2. Laminae 0.1mm - 2mm thick. Dark green to medium green on S2 surfaces. Unit hosts 1-2% honey-coloured sphalerite in irregular stringers associated w/ calcite - 0 to trace galena - this occurs in uppermost 25cm. Both contacts sharp. Unit hosts 5cm band of SC @ 26.9m. SC = dark green, very weakly calcareous, medium soft, and contains 25-30% buff mineral (tremolite?). Core moderately broken w/ good recovery. Minor rubble @ 26.0m.

DDH 96RG-04 DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Aug 22/96 Logged By: SAE

From	To	Recov.	No.	Unit	Description
1272	1284			5IC01	
					Medium green, moderately hard, moderately to strongly PS2-foliated. Relict igneous texture of fine elongate parallel S2. S2 surfaces are medium dark to dark green. Unit hosts 20% fine-grained buff mineral (leucoxene?), a trace pyrite, 1% randomly oriented calcite stringers.
					Core slightly to moderately broken w/ good recovery. Occasional fractures are moderately oxidized.
2844	3119			5IF01	
					Medium to light green, strongly calcareous, strongly CS2-foliated, well laminated, medium hard, chloritic phyllite laminae 2-5 mm thick. S2 surfaces are medium to dark green. Sporadic fine stringers of reddish brown gypsum parallel S1 (?). Upper contact sharp parallel S2.
					Core moderately broken w/ good recovery.
3119	3126			5IF01	
					Light green, very soft, slightly dolomitic, PS2-foliated with minor CS2-intervals, strongly laminated phyllite. Laminae are 1-3 mm thick. Rock slightly oxidized to a rusty tan colour. CS2 surfaces are silvery grey and tan.
					Core moderately broken — strongly broken at 3126. Recovery good.
3126	3154			5IF01	→ (5IF1) 60:40
					Very light green, soft to very soft, CS2-foliated, laminated (1-4 mm), strongly calcareous changing to dolomitic laminae DDH phyllite. S2 surfaces silvery grey to silvery green-grey. Upper contact broken / lower contact gouged.
					Core moderately broken w/ good recovery. Gouge 35.2-EOT with cobble

DDH 92-08-24 DS
2 8

CURRAGH RESOURCES INC.

Lithologic Log

Date: Aug 23/92 Logged By: JAZ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	315.4	410.2			SICIOIS1	PYROXENITE
						Dark green, soft, dolomitic and locally calcareous, weakly to moderately PS2-foliated. S2 surfaces are very dark green. Unit hosts 2-15% calcite-dolomite veins with minor localized gouge. Unit strongly magnetic. Relict igneous texture with subhedral cylolabes of dolomite. Unit is serpentinized. Upper contact marked by gouge. Medium green, calcareous, strongly PS2-foliated chloritic phyllite fore approximately 0.4 m. Upper shows margin. Relict igneous texture largely destroyed in this interval. Lower contact is sharp. Lower contact oblique to S2.
						Core moderately broken. Strongly broken 35.7-36.0 and 36.9-37.3. Minor gouge over these intervals. Broken & gouged parallel S2. Recovery good.
	410.2	413.9			SIFIOI	
						light green, medium hard, well laminated, CS2-foliated, calcareous, chloritic phyllite. Laminae are 1-3 mm thick. S2 surfaces are medium to dark green. Unit hosts 7-10% calcite veinlets and stringers with variable orientations. Stringers pyrite often associated with veinlets. Upper contact 410.2-410.9 has along PS2 fabric and approaches appearance of SDO-resembles SDO but not as dk green. Lower contact slightly sheared-curvently broken-angle steeper than S2.
						Core slightly broken w/ good recovery.
	413.9	416.8			SICIS1	PYROXENITE
						Dark green, soft, slightly magnetic, PS2-foliated, serpentinized ultramafic. Dolomite occurs as small grey clots (possibly plagioclase formerly?) Thin cutting veinlets of calcite-gtz. Relict inclusive (medium grained) intrusive texture elongate along S2 foliation. Lower contact 1.0 m in medium green, PS2-foliated, chloritic phyllite. Igneous texture

DDH CURRY-04 DS
290 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Aug 24/90 Logged By: LCP

From	To	Recov.	No.	Unit	Description
	14.16	8			Destroyed in the interval. Not ultramafic compositions in this interval. Lower contact has gradational appearance into SF. S2 surfaces are dark variegated green. Fracture/shear at TOI has orientation 35/220. Core slightly broken w/ good recovery. Interval 45.5-45.8 rubble related to steep qtz-calcite veins. Minor gouge present. Veins 20/220 wrt S2. Recovery good.
14.16	15.14	5		SF10	Medium green, strongly CS2-foliated, thinly banded, calcareous, chloritic phyllite. S2 surfaces are shiny medium green. Unit gets progressively slightly darker green as go down DDH. Lower contact rapidly gradational. Microlithons textures marked by slight V-shaped folds at TOI and more open, rounded folds near EOI. Calcite occurs w/ qtz in siltstone bands up to 5cm thick locally. Contains white bull qtz veins which have irregular dark green chlorite selvages. Veins crudely S2 foliaform and up to 10cm thick. Minor very fine py. Core slightly broken to intact w/ good recovery.
15.14	16.14	4		SB10	Soft, pale to medium grey, laminated, CS2-foliated, calcareous phyllite. S2 surfaces are shiny grey. Microlithons well defined by off-white 2mm - 5cm thick qtz-calcite siltstone bands. Also contains some compositional banding in shades of grey in pelite - parallel S2. Lower contact very gradational with loss of carbon & increase in greenish colour. Might be considered SB02. Core slightly broken w/ good recovery. Excellent SR.

DDH 90-09-04 DS
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Aug 24/90 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	1614.4	1615.4			5B1B101	
						Soft, calcareous, laminated, CS2-foliated, pale to medium green chloritic phyllite. Microlithons well defined by thin qtz-calcite siltstone bands. S2 surfaces are silvery green w/ pale grey tint. Lower and upper contact are gradational. Core slightly broken w/ good recovery.
	1615.4	1618.3			5B13	
						Pale grey, CS2-foliated, very calcareous, laminated phyllite. Microlithons defined by pale qtz-calcite laminae up to 3cm thick. S2 surfaces are silvery green. Upper and lower contacts are gradational. Minor tinge of green (=chlorite) on cut surface when core is wet. Unit is soft. Core slightly broken w/ good recovery.
	1618.3	1619.0			5F101	[5B80]
						Moderately soft to soft, CS2-foliated, pale green, laminated, calcareous chloritic phyllite. S2 surfaces are pale to medium green. Calcite associated w/ quartz in thin grey silty bands and laminae. Microlithons tend to be V-shaped chevron style folds. Upper contact gradational, lower contact sharp w/ abundant qtz-calcite veining. Core slightly broken w/ good recovery.
	1619.0	1775			5TC0161	
						Moderately soft, slightly calcareous, poorly PS2-foliated, medium green chloritic phyllite. Massive with irregular poorly developed S2 cleavage. Medium-fine grained. Calcite disseminated in matrix as well as within thin cutting veinlets. Minor very fine pale buff specks (leucoxene?) lower contact sharp not parallel S2.

DDH 2009-04 DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Aug 24/09 Logged By: LCC

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Core slightly broken w/ good recovery
						basement 20cm has well developed penetrative S2 foliation.
	1715	1793			SF10	
						Moderately soft, CS2-foliated, laminated, calcareous chloritic phyllite. Pale to
						medium green S2 surfaces are medium green. Marginal contacts are sharp
						w/ more olive-green greenstones. Isoclinal, V-shaped, chevron style microlithons
						defined by 1mm pale grey calcareous-qtz-rich siltstone bands/laminae. Locally
						laminae have indistinct margins.
						Core slightly broken with excellent recovery
	1793	1812	4		SC10161	(SD0 X SF0) 95:03:02
						Dominant unit is medium green, PS2-foliated, soft, slightly calcareous, massive
						chloritic phyllite. S2 surfaces are rough, medium to dark green. Contains thin S2-
						parallel qtz-calcite veins up to 1cm thick. Locally this unit grades into
						olive green, PS2-foliated, calcareous phyllite. The latter is reasonable's SD
						SC portions contain tiny streaks of pale buff mineral (leucoxene?)
						Near 90.8m have 2 thin bands of medium green, thinly laminated SF
						chloritic phyllite. There are 10cm thick meta-sedimentary interbands. PS2-
						foliated. Calcareous.
						Core slightly broken w/ good recovery
	1812	1838			SF10	
						Medium green, poorly CS2-foliated, calcareous thinly banded, chloritic phyllite. S2
						surfaces are medium green to silvery green. Tight, isoclinal, V-shaped microlithons.
						Strongly foliated S2 texture. Lower contact sharp. Core slightly broken w/ good recovery

DDH 90Dy-04 (2 8 DS)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Aug 24/90 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	1813 8	1816 6			5C10	(5F0) minor
						Moderately soft to moderately hard, PS2-foliated, calcareous, chloritic phyllite. Medium to dark green S2 surfaces are dark, rough green. Relict igneous texture define by white calcite spots (former plagioclase) which now form streaks parallel S2. Unit contains abundant fine specks/streaks of pale buff mineral (leucoxene?) Medium-fine grained intrusive texture. Interval 85.1-85.3 is soft, medium green, calcareous, PS2-foliated very micaceous, chloritic phyllite. Contains one tight isoclinal fold hinge. Marginal contacts are sharp parallel S2. Highly strained unit. S2 surfaces are smooth micaceous green.
						Core moderately to slightly broken w/ good recovery
	1816 8	1817 6			5F10	
						Calcareous, soft, pale to medium green, thinly banded chloritic phyllite. S2 surfaces are smooth, micaceous silvery green to medium green. Faintly CS2 to PS2-foliated with tight, isoclinal, chevron shaped folds. Marginal contacts with SC are sharp parallel S2.
						Core moderately broken w/ good recovery.
	1817 6	1911 8			5C10 16	1 BIOTITE 1 PYROXENITE
						Soft, PS2-foliated, slightly calcareous, medium green to dark green chloritic phyllite. S2 surfaces are dark, rough green, locally contains thin bands and patches which are pale off-white and moderately calcareous (former plagioclase?) Abundant specks of pale buff mineral (Apparent + 0.5m is very dark green, very soft, serpentinized, magnetic ultramafic locally contains disseminated biotite specks 10-15% near BOH
						is dark brown w/ abundant disseminated biotite. Core slightly broken w/ good recovery

DDH 90PY-04-DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Aug/90 Logged By: R. Zbrecnuk

From	To	Recov.	No.	Unit	Description
91.8	95.4			5FOL	
					Medium green, weakly calcareous moderately PS_2 foliated moderately soft. Unit hosts two 5cm quartz veins subparallel S_2 @ minor chloritic alteration along margines and stringy chloritization of wall rock fragments within vein. PS_2 surfaces are medium to dark green. Upper and lower contacts are sharp and parallel S_2
					Core is slightly broken with good recovery
95.4	97.0			5C16	
					Medium green, non-calcareous/non-dolomitic weakly to moderately PS_2 foliated rock. Mafic minerals indicate well preserved igneous texture and are slightly elongated along PS_2. Unit hosts trace - 1% irregular calcite veinlets and 3-5% fine grained buff mineral (leucoxene?) throughout. PS_2 surfaces are medium to medium dark green.
					Core is slightly broken and recovery is good. Upper and lower contacts are sharp and parallel S_2
97.0	99.6			5C16	PYROXINITE
					Dark green, massive, weakly dolomitic rock is soft, contains a moderately well preserved igneous texture, and a weak PS_2 fabric. Locally unit is moderately serpentinized and moderately to strongly magnetic. Intrusive

DDH # 90DY04DS
2 8

CURRAGH RESOURCES INC.
Lithologic Log

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Date: Ap 90 Logged By: J Zbeetnik

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Contains 2-3% quartz - calcite veins throughout - no consistant orientation noted. Upper contact is sharp, lower contact is also sharp and marked by lowest 25cm of interval hosting 40% quartz-calcite-dolomite veining at angles slightly oblique to core axis and parallel fabric in lower fault zone.
						Core is moderately broken and recovery is good.
	99.6	102.9			35CO	FAULT - PROXIMITE
						Dark green, strongly crushed, moderately calcareous rock locally contains small (1-6cm) fragments and blocks ~~of~~ containing a well preserved igneous texture. Unit is generally strongly crushed and locally strongly broken with a well developed irregular shear fabric roughly 20-30° to core axis. Interval contains 0-2% wisps of calcite-quartz veining which generally follow shear fabric, but are also disrupted and broken by it.
						Recovery is generally good, core is very soft and very incompetant.
	102.9	106.1			5F60	5CO (75:25)
						Medium green medium soft to ~~very~~ locally medium hard very weakly calcareous rock is generally strongly broken locally weakly crushed (along same orientation as above fault). Unit contains a

DDH 90DY-04 DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Aug 90 Logged By: F Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						a moderately well developed CS_2 fabric. Interval contains a single band of SCO @ 103.6 - 103.89 with moderate carbonatization 5-10 cm above and below dyke / sill. 0-5% 0.5-1.0 cm quartz - calcite veins are generally subparallel CS_2. Core is generally strongly broken, locally moderately crushed, recovery is good. CS_2 surfaces are medium green
						SCO: 103.6 - 103.89: strongly broken, medium green with well developed leopard texture and PS_2 fabric, unit is generally strongly to moderately calcareous.
	106.1	109.7			SCO	SBO2 (65:35)
						Medium to slightly olive green weakly to moderately calcareous rock contains a moderate PS_2 fabric and 5-7% quartz-calcite veins trending roughly parallel S_2. Unit hosts 2-7% fine grained buff mineral (leucoxene?). PS_2 surfaces are medium to slightly olive green. Core is generally moderately to locally strongly broken with cm scale bands of gouge @ 106.1 and 107.1. Recovery is good.
						SBO2 occurs @ 107.4 - 108.2: Medium to medium dark gray, weakly calcareous rock hosts 3% quartz calcite veinlets and a moderate to strong PS_2 fabric. S_2 surfaces are medium silvery gray. Core is strongly broken recovery is good.
						Rock is moderately soft throughout interval with minor increase in hardness adjacent veinlets

DDH 90DY04-DS (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Aug/90 Logged By: J. Zbeetsky

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	109.7	112.6			5B1a	
						Medium gray with weak tint of green, non-calcareous phyllite has a moderate CS_2 fabric and hosts 5-7% quartz-Fe carbonate cm-scale veining subparallel S_2. Locally CS_2 approaches PS_2. S_2 surfaces are medium gray. Rock is generally soft. Locally unit contains bands (1-0.5cm) of very soft rock.
						Upper contact is strongly PS_2 foliated and medium green gray, lower contact is sharp and parallel S_2. Core is moderately broken and recovery is good.
	112.6	123.7			5B2	
						Medium-dark gray, noncalcareous phyllite is moderately CS_2 foliated and contains 1-3% clotty By 0-3% quartz-carbonate veins (1-2cm). Carbonate associated with vein quartz is calcite, dolomite and Fe-carbonate. Narrow envelopes of chloritization are common along veins. Rock is generally medium soft, approx 2% of interval is medium hard with no association to vein quartz.
						Core is generally moderately broken with good recovery, rock is strongly broken from 120.5 to 121.5 with 1cm gouge bands at 120.5 and 121.2. Upper and lower contacts are sharp and parallel S_2. S_2 surfaces are med-dark gray.
	123.7	126.5			5B3*	2
						Dark gray, locally strongly calcareous rock contains a moderate PS_2 fabric, 1-3% clotty and euhedral pyrite veinlets. Interval hosts 25% (1cm or less) bands of strongly

DDH 90DY04 DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Aug '90 Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Calcareous medium to dark grey rock distributed evenly throughout. Unit hosts 3-5% cm scale quartz-calcite veinlets subparallel S_2. S_2 surfaces are dark to medium grey. Core is slightly broken, recovery is good. Upper and lower contacts are sharp and parallel S_2.
	126.5	127.9			5F6	5DO* (55:45) Medium green, slightly olive green at upper and lower ends of interval, moderately well developed CS is common within phyllite. Phyllite is non-calcareous and hosts a single 7cm quartz-calcite vein with a high siliceous content below vein. Rock is soft where barren of silica. S_2 surfaces are medium green. 5DO* at 126.5-126.8 and 127.5-127.9: Slightly olive green, moderately calcareous, strong FS_2 fabric. Upper 5DO* unit contains 20% quartz-calcite-fe carbonate veining, lower unit contains 0-2% quartz-carb stringers. S_2 surfaces are grayish-olive green. Leucoxene (?) is common in lower unit. Rock is soft. All contacts are sharp and parallel S_2. Core is slightly broken and recovery is good.
	127.9	131.2			5BO	Medium gray, weakly to moderately calcareous phyllite contains a well developed CS, fabric throughout, 0-1% quartz-calcite veins (1cm) parallel S_2. S_2 & surfaces are medium gray. Rock is generally medium hard, rarely moderately soft. 1-2%

DDH 90DX-24-(2-8)

CURRAGH RESOURCES INC.

Lithologic Log

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Date: Aug 90 Logged By:

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Grey and ~~cut~~ schistose [illegible] Core is [illegible] Gorcia [illegible] Upper and lower contacts are sharp. Upper contact is parallel to core axis. Contact is 20° steeper than
	131.2	137.3			5B52	FAULT
						Medium grey weakly to moderately [illegible] unit host two strong fault zones separated by a moderately broken interval. Shear and gouge are oriented subparallel core axis. FAULT zones have strongly brecciated zones of [illegible] (10° to C.A.). Fault zone core is very soft with 20% gouge [illegible] matrix
						Moderately broken interval occurs at 133.6 to [illegible] Contains [illegible] Core [illegible] is weakly chloritic and [illegible] Box and core [illegible] Dazzling [illegible] Recovery [illegible]
	137.3	142.0			5F6	SDO (85:15)
						Medium greyish green with a weak isolated texture locally. Unit is [illegible] Es, dominant. Pyrite [illegible] is commonly [illegible] by wall host shear [illegible] Sericite alteration. Minor SDO [illegible] commonly 10 - 30 [illegible]

DDH 90-1204-DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By:

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						Rock is generally, moderately hard, 5-10% of interval is [illegible]
						S_2 surfaces are medium gray green
						Exact location of [illegible]
						[illegible] conditions [illegible]
						accuracy → Great job keep it up!
	142.0	143.7			5BQ	
						Medium gray, upper [illegible] is moderately calcareous [illegible]
						is weakly foliated. Rock contains a strong PS_2 foliation, trace 1%
						quartz carbonate stringers and veins (1cm). S_2 surfaces are
						moderately medium dark gray [illegible]
						[illegible]
						S_2, [illegible] 40° stronger than S_2 and is irregular
						& very sooty [illegible]
	143.7	145.4			5BQ	
						Medium gray, tarnished yellow buff throughout, moderately ankerized
						phyllite is moderately PS_2 foliated and contains 3-4% Quartz carbonate
						stringers throughout. Injected stringers are generally of random orientation.
						20% of interval contains a spotted texture of finely brecciated
						carbonate (Fe) and quartz stringers ~~[illegible]~~ oriented into elongated
						trains parallel S_2. S_2 surfaces are yellow buff and medium
						dark grey. Rock is generally medium hard moderate [illegible]
						good recovery. Upper and lower contacts are sharp and [illegible]

DDH 90DY04-DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Goodfellow

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	145.7	148.3			5BQa	5BQa
						Medium gray moderately calcareous phyllite is moderately CS foliated. Locally unit is weakly ankeritic and tarnished yellow buff. Unit host 1-2% quartz calcite and calcite stringers of varying orientations. Lower 0.5m of interval is moderately ankeritic and buff yellow. Rock is generally medium soft to soft moderately to locally strongly broken. Recovery is good.
						147.8 - 148.3 : strongly to moderately ankeritic - buff yellow in color.
	148.3	152.4			5BQa	
						Medium dark gray phyllite is weakly to moderately calcareous, CS foliated and contains 5-7% quartz-calcite and calcite stringers generally parallel S_0. S_0 surfaces are medium dark gray. Unit contains trace-1% clotty Py throughout. Rock is generally medium hard, moderately broken with good recovery. Upper contact is sharp, parallel S_0 and marked by a 2cm strongly crushed zone. Lower contact is sharp, parallel S_0 and marked by the beginning of a strongly to moderately broken interval of the same rock type.
	152.4	155.5			5BQa	
						Same as upper unit except core is markedly more broken with local crushed zones. A low angle fault occurs at

DDH 90-04 DS.

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: D. Hamilton

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						153.4 to 153.8. FAULT consists of intensely crushed rock with no gouge. (19° to core axis). Rock is slightly hard locally crushed and silty. Unit hosts 2-3% clotty Py
	155.5	161.16			5B02	
						SAME as upper two units with slightly to moderately broken core. Rock is generally medium soft. Below 159.8 unit is moderately to strongly broken along low angle S_2 planes. Recovery is good. Upper contact is sharp and parallel S_2. Lower contact is gradational with a general trend to be more carbonaceous downhole.
	161.6	166.9			5B2	MAGIC FAULT
						Medium gray to medium dark gray, non-calcareous phyllite is very strongly broken and contains considerable gouge. Interval is slightly carbonaceous. Rock is very soft, RQD is 0% and recovery is very good.
						Upper contact is oriented @ 093/48 wrt S_2 and lower contact is oriented 011/31 wrt S_2.

DDH 90DY045 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	166.9	177.9			582*	
						Dark gray phyllite is generally weakly calcareous and grades into moderate "calcareousishness" down hole. Carbonaceous material becomes less common down hole creating a very subjective lower contact. Rock contains a well developed CS_2 fabric, 1-2% quartz - ankerite(?) veinlets, 1-3% clots, pyrite blobs and minor small zones of strongly broken core. S_2 surfaces are very dark to dark gray but do not generally mark fingers. Rock is generally moderately to slightly solid core is generally moderately broken with good recovery. Upper contact is sharp and parallel S_2. Lower contact is gradational and marked a gradual reduction in carbonaceous content
						Unit below 175.8 is non calcareous
	177.1	181.0			580	2
						Medium gray moderately to strongly calcareous phyllite contains sporadic increases in carbonaceous matter In general unit has a slightly greater carbonaceous material than typical 580. Unit is CS_2 foliated and S_2 surfaces are dark gray and do not mark fingers Interval contains 20% strongly brecciated bands of varying widths (0 - > 5cm) These bands are randomly oriented, very well healed in a quartz

DDH 88DY04 DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						and quartz-calcite matrix. Breccia fragments consist of phyllite and ankeritic clasts. Rock is generally hard, core is slightly to moderately broken, recovery is good. Upper contact is sharp and marked by a 10cm gouge zone and trends 040/39 relative to S_2. Shikhanside plunge 47° in the fault plane. Lower contact is marked by the end of the brecciated bands.
	181.0	184.1			580	2
						Medium gray phyllite is moderately to strongly calcareous, weakly carbonaceous and contains a well developed CS_2 fabric. S_2 surfaces are dark grey. Lamina are 1-3mm in width. Interval hosts 0-trace clotty and grainy Py and trace-1% clotty Py. Rock is generally medium hard locally soft. Core is slightly broken, recovery is good. Upper contact is noted by the end of brecciated bands of upper interval. Lower contact is parallel S_2 and sharp.
	184.1	191.7			580	20(?)
						Medium gray phyllite is generally moderately to strongly calcareous locally very weakly calcareous, slightly carbonaceous and generally contains CS_2 fabric locally S_2. Most diagnostic feature of unit is a moderate to weak yellow-brown discoloration

DDH 90V045 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
		191.7				with oxidation (ankerite?). Unit hosts trace chert B. Rock is generally moderately hard, locally soft. Core is generally moderately to slightly broken. Interval is strongly broken 191.7 - 191.7 with no gain. Recovery is good throughout. Upper and lower contacts are sharp, parallel S_0 and noted by the yellow-buff oxidation colour.
	191.7	197.8			5B02	Medium to medium dark grey phyllite is moderately to weakly calcareous, moderately to weakly carbonaceous and generally contains a P_{S_0} fabric. Local C_{S_0}. S_0 surfaces are dark to medium dark grey. Unit hosts sporadic occurrences of chert B which constitutes less than 1% of interval. Rock is generally slightly hard locally soft. Core is moderately broken, sporadically strongly broken with good recovery throughout. Upper contact is sharp and parallel S_0. Lower contact is marked by a 10cm irregular quartz vein. Vein has moderately chloritized wall rock fragments.
	197.8	205.7			5B00	
						INTERVAL CONSISTS OF HQ to 198.7. NQ has been cored at 198.7 - 205.7. This interval considered as the collar for down hole surveys. Minus interval

DDH 90DY04 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: D Dunlop

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
		205.7				Constitutes 205.7 to 236.2. No recovery exists for this interval
						Medium gray phyllite is strongly calcareous, CS_2 foliated and contains 2% quartz calcite veins (2-30 cm) oriented subparallel S_2. Veins hosts 5-10% moderately to strongly chloritized wall rock fragments. Po occurs sporadically in quartz. Trace-1% ctty. Py occurs throughout unit. S_2 surfaces are medium to medium dark gray. Rock is slightly hard, core is moderately to slightly broken with good recovery. Upper contact is marked by a 10cm quartz vein oriented subparallel S_2. Lower contact exists below 205.7.
	205.7	236.2				NO RECOVERY
						Interval metered, but pressures during metering indicate sporadic intervals of soft and hard units interpreted as gouge zones and quartz veins respectively.
						Coring below 236.2 represents HQ.
	236.2	240.2			5BQ	8
						Medium to medium light gray, slightly green when wet, moderately calcareous phyllite is weakly chloritic throughout. Unit is generally P_2 foliated with local occurrences of faint CS_2. S_2 surfaces are medium to medium light gray ± weak green color. Unit hosts 3-5% quartz calcite veins (1-5cm) often oriented subparallel S_2 and trace-1% ctty. Py. Rock is moderately soft, core is

DDH 92PY04-DS

CURRAGH RESOURCES INC.

Lithologic Log

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Date: _____ Logged By: J Zbed w.

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
		240.2				moderately broken with good recovery. Upper contact exists above 236.2. lower contact is sharp, parallel Sg and noted by the loss of weak green color.
	240.2	245.6			5B0	Medium gray phyllite is strongly to moderately calcareous & locally supports 10cm bands of very strongly calcareous bands. Unit hosts 1-2% .2-2cm quartz calcite veinlets generally parallel Sg. Sg surfaces are medium gray and replicate a PS_g fabric. Pyrite is daily sporadic and represents less than 1% of interval. Rock is moderately soft, core is slightly broken with good recovery. Upper contact is sharp and parallel to lower contact is an irregular break, subparallel Sg and marks the beginning of a strongly broken and faulted zone.
	245.6	249.4			5B02	STGLY BKN & FAULTED ZONE Medium gray phyllite is very weakly calcareous and weakly dolomitic. PS_g fabric is often abruptly sheared by breccia zones that are occasionally well healed with a weakly dolomitic siliceous finely crushed phyllite matrix. Sg surfaces are medium gray. Interval from 247.6 to 248.7 consists of gouge filled fractures. Both gouge filled

DDH 90SY04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: T. Sheehan

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						and upper well healed breccia zones are oriented subparallel core axis. Recovery of gouge is poor and sporadic. Gouge is moderately to weakly calcareous. Phyllite is fairly siliceous zones are very hard. Breccia zones are estimated to be 1-3cm thick. Core is very strongly to strongly broken recovery is surprisingly good.
						Occasional band and lamina (0.1-2 cm) is moderately carbonaceous
	249.4	254.6			5860	A
						Medium grey, very weakly calcareous phyllite contains a faint CS_2 fabric commonly trending to PS_2. S_2 surfaces are medium to medium dark grey. Unit hosts 5% quartz veinlets and veins (.5-10 cm) which generally trend subparallel S_2. Rock is generally medium soft, core is moderately locally strongly broken with good recovery throughout. Upper contact is sharp parallel S_2 and marked at the end of strongly broken rock of upper unit. Lower contact is sharp and parallel S_2
						Interval contains a very low concentration of carbonaceous material. Weathered color is slightly darker than fresh color.
	254.2	256.7			5861	
						Medium grey phyllite is moderately calcareous PS_2 foliated with sporadic occurrences of CS_2. S_2 surfaces are m.d.

DDH 92DY014-DS

CURRAGH RESOURCES INC.

Lithologic Log

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Date: _____ Logged By: D. [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						grey. Unit hosts 3-5% calcite and quartz calcite stringers which commonly cross cut S_2. Common width of stringers is 2-5mm. From 255.9-256.7 the foliation is [illegible] disturbed and texture indicates a weak "breccia texture" where stringers unaffected by disturbance. "Breccia texture" is not well developed and displays a non-fracture disturbance in fabric! Rock is moderately soft, slightly harder where S_2 is disturbed. Core is moderately, locally strongly broken, recovery is good. Upper and lower contacts are sharp. Py is not noted to exist, Ly is very rare.
	256.7	262.8			589	
						Medium grey phyllite to moderately calcareous and contains 15-20% 0.5-1.5cm lenses of "stringers" which are moderately-strongly calcareous. Py is noted common (0-2%) and occurs in clots ranging from 2-15mm with and without proximity to quartz calcite clots and stringers. Intense is FS_2 foliation with S_2 surfaces medium to medium dark grey. Unit hosts 1-2% quartz-calcite veins (1-3cm) oriented subparallel S_2. Rock is generally medium soft, core is slightly broken recovery is good. Upper contact is sharp and parallel S_2 lower contact is sharp, parallel S_2 and noted as upper contact of 10cm quartz vein.

C.D.I. 1987 E-30

DDH [redacted]90DY045

CURRAGH RESOURCES INC.

Lithologic Log

Page [redacted]

Date: _____ Logged By: [redacted]

From	To	Recov.	No.	Unit	Description
262.8	270.8			589	18 (SDO) 90:10
					Medium grey, moderately strongly calcareous phyllite CS
					foliated and veined 3-5% 2-15cm quartz veins. Original
					margins and wall rock alteration unclear. Core is moderately
					chloritized and often moderately calcareous. Vein contacts
					are irregular but general trend subparallel to CA. CA surfaces
					are medium to medium dark grey.
					Interval contains sporadic occurrences of SDO occurring in dm to
					cm scale bands and a large band through 263.7-264.3. This
					unit is fine grained massive olive green and locally moderately
					to strongly calcareous.
					Interval is moderately soft to clayey, rock core is slightly
					to moderately broken with good recovery. Upper and lower
					contacts are sharp and parallel CA
270.8	272.6			580	(SDO) 75:5
					Medium grey phyllite is strongly calcareous CS foliated
					and contains a 10cm band of SDO (?), 1% quartz-
					calcite veinlets (1-3mm rarely upto 3cm) of variable orientation.
					CA surfaces are medium to medium dark grey. Rock is medium
					soft, core is slightly broken with good recovery. Upper and lower
					contacts are sharp and parallel CA. Py is sporadic 0-1%
					SDO occurs at 161.7-161.8 and is weakly calcareous fine
					grained and bluish green in fresh and olive green on saw

C.R.I. 1987 E-3A

DDH 90DV04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
	272.6	280.9			5B9	189 (5DO) 99:1
						Medium gray phyllite is strongly calcareous PS2 foliated locally CS2 foliated and contains 7-10% 1-25cm quartz calcite veins with moderately chloritized margins and sporadic inclusions of Pb and Zn mineralization. Vn. Chloritization along vein margins occurs in widths of 10-20cm and is occasionally calcareous. Locally chloritized margins contain a very strong resemblance to 5DO. Rock is moderately to slightly soft. Core is moderately broken with good recovery. Upper and lower contacts are gradational and noted as an increase and decrease in chloritization respectively.
						Highest grade of mineralization is estimated to be 2-3% combined Pb+Zn over 15cm, and is limited to inclusions within and adjacent quartz veins. Pb occurances are sporadic
	280.9	291.2			5BO	
						Medium gray phyllite is moderately to strongly calcareous, CS2 foliated with 45° surfaces medium to medium dark grey. Unit hosts 1-2% quartz calcite veinlets (0.2-2.0 cm) at 45° to core axis. Py and Pb occurances are sporadic and consistute trace 1% of material occurring in 2-10 mm clots. Rock is slightly soft, core is generally moderately locally moderately to strongly broken with good recovery throughout. Upper contact is gradational, noted as a progressive loss in chloritization along vein margins. Lower contact

DDH 2 [illegible]15/04 05 8

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						is sharp and parallel S_2.
	291.2	292.8			500	(500) 99:1
						Medium grey phyllite to very weakly dolomitic and often
						displays a disturbed PS_2 fabric. Breccia trains of grey
						calcite veinlets elongated slightly oblique to S_2 are common. A
						2cm band of gouge occurs at 291.9, and a 2cm
						band of 500 occurs at 291.7. Rock is slightly soft,
						core is moderately broken with good recovery throughout.
						Breccia trains are oriented subparallel gouge
						zone contacts @ 057°/62° relative to S_2.
	292.8	293.8			530	(530) 80:20
						Olive green very fine grained massive non calcareous rock
						locally hosts dm-scale bands of 530. Both units are
						moderately PS_2 foliated with S_2 surfaces medium dark grey
						and medium to medium dark olive green. Contacts between units
						are generally sharp and parallel S_2. Occasionally contacts
						are contorted and crosscut S_2 - often with quartz
						vein associations. 500 intervals are moderately hard since
						units are medium soft to soft. Core is moderately broken
						with good recovery. Upper and lower contacts are sharp and
						parallel S_2.

DDH 90SV24-05

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Curran

From	To	Recov.	No.	Unit	Description
293.3	294.6			5B04	
					Medium gray argillite is weakly dolomitic, PS_2 - Poloroad and contains 3-5% clotty P_y. Texture of PS_2 is often disrupted and moderately contorted. S_2 surfaces are medium dark gray. Rock is moderately jointed moderately to strongly broken along S_2 planes. Recovery is good. Upper and lower contacts are sharp.
294.6	295.7			5B05	FAULT
					Medium gray phyllite is weakly dolomitic, strongly broken along S_2 planes, locally crushed and gouged. Crushed and rock and gouge dominate interval below 295.1. Rock fragments and blocks are generally medium hard, very soft where gouge persists. Core is highly broken. Recovery is good. Upper and lower contacts are sharp and parallel to subparallel S_2.
295.7	310.4			5B06	(500) 98:2
					Medium gray very weakly to non-calcareous phyllite is generally CS_2 fractured and has 3% 2-30 cm quartz-calcite and less commonly quartz carbonate veins. Veins are generally subparallel S_2. S_2 surfaces are medium dark gray. Interval contains kinks and bands of 500 scattered throughout. Rock is generally medium hard. Core is generally moderately to strongly

DDH 2 900Y 04-05 8

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						slightly broken locally interval consist of rubbly zones less than 20cm in width. Recovery is good.
						AT 297.0 - 297.4 interval contains medium to light buff gray non-calcareous medium gray rock. Unit contains a moderately well developed S_2 fabric oriented into open folds with axial planes a very high angle to core axis. Upper and lower contacts are sharp and parallel S_2. A moderately well preserved sandy texture persists. Rock is medium hard to very slightly soft fracturing.
	310.4	312.2			5B0	
						Medium to medium light gray phyllite is moderately locally strongly calcareous. Unit is S_2 foliated with S_2 surfaces medium-dark gray. Unit hosts trace-1% Py and trace Ap, both occurring as 2-3mm clots. Lowest 0.5m of interval contains sporadic occurrences of well healed brecciated zones cemented with calcite. Rock is moderately soft core is slightly tough, strongly broken with good recovery throughout. Upper contact is sharp and parallel S_2, lower contact is sharp and oriented at 018/15° relative to S_2. S_2 is oriented 70° to core axis. Brecciated intervals are oriented parallel lower contact.

CDI 1987 F-3A

DDH 90DP405 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Page 33 / ____

Date: ____ Logged By: D. Sherlock

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	312.8	313.3			5BQ	FAULT
						Medium grey weakly calcareous phyllite is generally strongly broken. Interval consists of crushed rock and gouge at 312.8-313.0. Broken rock fragments display CS_2 fabric with S_2 surfaces medium dark grey. Rock fragments are soft to medium soft, core is highly broken with good recovery throughout. Upper contact is oriented 018°/15° relative to S_2 (70°). Lower contact is sheared and oriented 015°/55° to S_2 (82°).
	313.8	314.6			5BQ	(5BQ) 85:15
						Olive green, massive fine grained, calcareous and carbonaceous scattered beds of weakly to very weakly calcareous 5BQ. 5BQ is most common over upper and lower 0.4 m of interval. All units are PS_2 fabric with S_2 surfaces olive green or medium grey. All units are moderately hard, core is occasionally broken with good recovery. Upper contact is oriented at 015°/55° to S_2. Lower contact is sharp and parallel S_2.
	314.6	316.6			100	(5BQ) 50:50
						Quartz vein is white, contains no host rock fragments and is moderately fractured. 5BQ is strongly calcareous, medium grey and dominates lower meter of interval. Phyllite is PS_2 foliated with medium grey S_2 surfaces. Phyllite is

DDH 90DY04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: D. Sproule

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Moderately to strongly broken. Recovery is good throughout. Upper and lower contacts are sharp and parallel S_0.
	316.6	317.5			5DOS	(5BO) 90:10
						Olive green to buff olive green unit is moderately dolomitic and hosts minor bands of 5BO throughout. All units are DS_0 foliated with S_0 surfaces buff olive green to medium dark gray. Rocks are medium gold, core is strongly broken with poor recovery. Upper and lower contacts are sharp and parallel S_0.
	317.5	318.5			5BOS	FAULT
						Interval is medium to light gray moderately dolomitic and consists of gouge, crushed rock and 7-15 blocks of phyllite with a highly disturbed S_0 fabric. Interval consists of gouge at 317.5 - 317.8. Phyllite blocks are soft with S_0 surfaces medium gray. Gouge hosts 15% vein quartz fragments. Recovery is good. Upper and lower contacts are sharp and appear subparallel S_0.
	318.5	319.1			5BOS	
						Light gray phyllite is weakly to moderately dolomitic and contains a weakly disrupted DS_0 fabric. S_0 surfaces

DDH 91-64-D5 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Sheehan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						are medium gray. Interval host a 2cm band of 500 at 318.9m. Rock is soft slightly to moderately broken, good recovery. Upper and lower contacts are sharp and parallel Sg
	319.1	333.1			580#	
						Medium gray phyllite is strongly to very strongly calcareous CSg foliated with surfaces medium gray. Unit hosts 3 gouge bands between 326.9 - 328.9. These bands do not exceed 10cm widths and are moderately to strongly calcareous. Phyllite adjacent gouge zones are strongly calcareous. Interval contains trace - 2% Py and 0.1% Po scattered throughout. Quartz calcite veins constitute less than 1% of interval and are generally 1-2cm in width. 332.2 - 332.7 contains a single quartz calcite vein with moderately chloritic and very weakly calcareous wall rock veins and fragments. Upper and lower contacts are sharp and parallel Sg.
	333.1	335.3			580.7	19 (500) 60:40
						Medium greyish green phyllite is moderately chloritized, locally CSg foliated, and hosts 3-5% quartz-calcite-chlorite veins which occasionally host Py-minor Sph. Unit

DDH 90DY04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Sheridan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						generally moderately to weakly calcareous. Qtz-carb veins which
						+ host mineralized arsenopyrite. Light grey, 1-3cm wide and
						generally trend subparallel S_0. Unit hosts several vein
						bands varying from 2-15cm wide. 500 units are weakly to
						weakly calcareous, massive, olive green, and D_2 foliated S_2
						surfaces throughout interval are medium green and olive green
						Green coloration with chlorites is interpreted
						as alteration along veins and alteration in proximity to 500
						units. Rock is medium soft to slightly hard core is slightly
						broken, recovery is good. Upper and lower contacts of 500 unit
						are sharp and parallel S_2
	335.3	337.2			500	
						Medium grey moderately to moderately strongly calcareous phyllite is
						CS_2 foliated, with S_2 surfaces medium dark grey. Unit hosts
						trace quartz-calcite veinlets parallel S_2. Rock is slightly hard,
						core is slightly broken with good recovery. Upper and lower
						contacts are sharp and parallel S_2
	337.2	339.9			500	
						Olive green moderately to strongly calcareous unit is massive, fine
						grained S_2 foliated and hosts 3-5% quartz-calcite veins commonly
						.5-1 cm wide. Veins are commonly light to medium light grey

DDH 90DY04DS (2 / 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						parallel to subparallel S_2, white veins are most often
						random oriented. Unit contains sporadic occurances of Py with
						Po slightly more common S_2 surfaces are medium to medium dark
						olive green. Rock is moderately hard, core is slightly broken
						with good recovery. Upper and lower contacts are sharp and
						parallel S_2.
	338.5	344.1			500	(5B2 - 5B0?) 70:8.2
						All units are moderately to sporadically strongly calcareous.
						All contacts are sharp and parallel S_2, minor chloritization of
						phyllites occur at contacts, but is most commonly absent.
						500 units are olive green, Py, Sphalerite, pyrrhotite and
						fine grained. S_2 surfaces are moderate to medium dark olive green.
						5B2 and 5B0? units range in widths from 0.30 cm, are
						dark to medium dark grey, Py, Pyrrhotite with S_2 surfaces dark to
						very dark grey. Darkest S_2 surfaces leave moderate stains
						on fingers.
						Interval contains 3-5% quartz-calcite veins vary
						from .2-3cm in width with very rare occurances
						of remobilized Py mineralization. Veins and recrystallization
						are parallel to subparallel S_2. Occasionally white quartz
						veins, commonly .2-.3cm wide are randomly oriented. Most
						veins are medium to light grey. Po and Py occurances
						are sporadic and vary from .2-1.5 cm in [illegible]
						Rock is moderately hard, slightly broken with good

DDH 90DY04DS (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Zuccarello

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						good recovery. Upper and lower contacts of interval are sharp and parallel S_2.
	344.1	355.9			5BP	(500) 98:2
						Medium gray moderately calcareous phyllite is generally C_2 foliated with 2% surficial medium dark gray. Interval contains 1-2% white quartz-calcite veins commonly 1.5-3.0 cm wide oriented parallel to subparallel S_2. Interval has two 500 bands less than 5 cm wide with sharp contacts parallel S_2.
						At 353.1 - 353.6 interval contains a moderately strong fault zone which consists of calcareous very soft rock interspersed with calcareous gouge. Occasional quartz vein fragments present. Gouge zone is on the cm-scale thickness and wanders in the core at varying angles and orientations relative core axis.
						Interval consists of rock which varies from slightly to moderately broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2.
	355.9	362.4			5CQ1	(500:5F7) R3:15:02
						Medium green, massive, moderately calcareous rock contains no indication of sedimentary origin. A very weak igneous texture is interpreted to exist(?) Interval does not contain leucoxene and is fine grained. Interval hosts sporadic bands and wisps of

DDH 90DY011 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Grant, IR

From	To	Recov.	No.	Unit	Description
362.4					of olive green SDO with sharp but irregular contacts. All units contain 10-15% white to light grey quartz-calcite veins varying from .2-3cm in width. Veins are of variable orientation and sporadically contain upto 10% clots, stringers of Po. Rock is hard, core is slightly broken with good recovery. Upper contact consists of 15cm of chloritized calcareous phyllite, first occurance of SCO occurs adjacent an irregular quartz vein oriented subparallel S_2. Lower contact consists of SDO in sharp contact with calcareous SCO. This contact is parallel S_2.
367.0				SBO	Medium grey siliceous, locally moderately calcareous phyllite is generally PS_2 foliated, locally CS_2 foliated. S_2 surfaces are medium dark grey. Unit hosts 2-3% 1-3cm white quartz-calcite veins generally parallel S_2, 1% Po scattered as .2-.7cm clots and trace Py occuring as .2-1.5cm clots. Rock is moderately hard, slightly broken and interval is represented by good recovery throughout. Upper contact is sharp and parallel S_2. Lower contact is sharp and represented by a 0.3m crushed and gouged zone. Gouge and crushed interval is moderately to strongly calcareous.

DDH 90DY04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Beerlandt

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	367.0	367.9			5CO	(5FO : 5OO) 60 : 35 : 5
						5CO unit is medium green, moderately to strongly calcareous, massive, fine grained, and contains a weakly preserved igneous texture. This unit occurs uppermost in the mixed interval.
						5OO occurs below 5CO unit and is medium olive green, slightly to moderately calcareous, fine grained weakly PS_2 foliated and is intermixed with 5FO occuring dominantly as the lowest member of the mixed package.
						5FO is weakly to moderately calcareous, medium green CS_2 foliated and is in sharp contact with all 5OO stringers and bands. These contacts are parallel S_2.
						All units contain sporadic occurances of Po and P_y, are moderately hard, slightly broken with good recovery. Upper contact of interval is marked as the lowest end of a 30cm gouge zone. Lower contact is sharp and parallel S_2
	367.9	370.8			5BO	
						Medium gray phyllite is moderately to strongly calcareous, CS_2 foliated with S_2 surfaces medium dark gray. Interval contains 0-trace cm-scale clots of Po, trace-1% .2-.5 cm-scale quartz calcite veinlets of variable orientation. Rock is moderately hard, moderately to slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2.

DDH 90DX04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: E. Sea-Lee

From	To	Recov.	No.	Unit	Description
10 14	16 20	22 24	26 28	30 34	35
372.8	372.3			SBO	1 (SBO) 90:10
					Olive green, weakly to moderately calcareous, fine grained massive PS_2 folded rock hosts rare bands and veins of SBO. S_2 surfaces are medium olive green and medium grey. Interval contains 5-7% .5-3cm white and medium to light grey quartz-calcite veins oriented subparallel S_2. Veins commonly host up to 3% fine grained stringers of Po ± Py. All rock are medium hard to hard, core is slightly to locally moderately broken, recovery is good. Upper and lower contacts are sharp and parallel S_2.
372.8	378.0			SBO	1 (SBO2 : SB2 : SAO) 95:4:1
					Medium grey locally medium-dark grey, rock is generally moderately calcareous, locally weakly calcareous, generally CS_2 folded with S_2 surfaces ranging from medium grey to black. Rarely S_2 surfaces strongly tarnish forming black. Phyllite grades from SBO to SB2 with no consistent pattern. Rare lamina up to 1.5cm wide (commonly .5-1.0cm) are black and designated as SAO. Unit hosts 10-12% white and light grey quartz-calcite veins in widths from 0.5-25cm oriented subparallel S_2. Interval contains 3-7% chl-Py, Po 2-5mm in width. Rock is moderately hard, moderately to slightly broken with good recovery. Upper contact is sharp and parallel S_2. Lower contact is gradational and noted as a loss in sporadic grey carbonaceous material.

DDH 90LY04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: D. Rhodes

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	378.0	390.8			SBP	(SDO) 98:2
						Medium grey, strongly to moderately calcareous phyllite is
						CS_y foliated with medium dark S_y surfaces. Unit hosts
						1-2% wispy white and light grey quartz-calcite veins of
						varying orientations, commonly .3-1.0cm wide, 0-2% elong
						Po (2-4mm) and sporadic wisps and bands of SDO. SDO
						units are less than 2cm wide (commonly 2-4mm) and
						are often contorted and discontinuous. Rock is moderately
						hard, rarely and locally slightly soft. Core is slightly broken and
						recovery is good. Upper contact is gradational, lower
						contact is sharp and parallel S_y.
	390.8	395.3			SBQ	(SDO) 55:45
						Medium grey moderately to strongly calcareous phyllite is CS_y
						foliated with medium dark grey S_y surfaces. Phyllite contains
						trace-2% elong Po. Intermixed with phyllite bands are
						several SDO bands upto 40cm thick.
						SDO units are olive green, occassionally medium green to
						olive green, moderately calcareous with isolated occurances of
						leucoxene(?) upto 15%. SDO units are massive, weakly PS_y
						foliated with S_y surfaces varying from medium olive green to
						medium green. Bands containing leucoxene are rare, <10cm
						wide, and suspect to be SCO.
						All units are slightly hard and locally slightly soft.

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DDH 90DY 04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Eberhardt

From	To	Recov.	No.	Unit	Description
					Core is moderately, locally strongly broken. Recovery is good throughout. Upper contact is sharp and parallel S_2. Lower contact is oriented 158°/70° relative to S_2. Lower contact is sharp.
395.3	401.3			584	(SD4) 60:40 Phyllite(?) is light grayish-olive green, moderately calcareous and contains a CS_2 fabric approaching PS_2. S_2 surfaces are medium grayish olive green. SD0 units are up to 1.3m thick, olive to greenish olive in color, moderately calcareous, fine grained and moderately PS_2 foliated. Locally SD0 units are bleached buff-yellow-olive green with gradational contacts. Bituminous has not been recorded to occur within any unit of the interval. All units within interval are hard, core is generally slightly broken - rarely very strongly broken over 10cm intervals, recovery is good throughout. Upper contact is oriented at 158°/70° to S_2 and is represented by a well healed cross-cutting (S_3) weak shear fabric. Shear fabric is local and is rarely reflected through the balance of interval. Lower contact is sharp and subparallel to parallel S_2. Contact represents an increase in intensity in S_2 and slightly stronger alteration.

CRI 1987 E-3A

DDH 90DY045 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: D. Beckett

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	401.3	403.8			SB4	
						Buff to very light olive green phyllite is moderately to strongly calcareous, CS$_2$ foliated (approaching PS$_2$ locally) with S$_2$ surfaces are medium buff gray, locally unit approaches a light gray color - most common in the lower ¼ of interval. Interval contains trace wispy, discontinuous and randomly oriented 2-3 mm calcite veinlets, 0-trace elong PS$_2$ (2mm). Hardness of interval varies on the cm to dm scale from hard to slightly soft. Core is slightly broken with good recovery. Upper contact is sharp and subparallel S$_2$. Lower contact is fault bounded with an orientation of 270/47° relative S$_2$. Dip of fault is highly variable relative to core axis: 72-30°.
	403.8	407.7			SB4	FAULTED INTERVAL
						Buff to yellowish olive green phyllite is moderately to moderately strongly calcareous and generally displays a moderately well healed brecciated texture cemented with ground phyllite with ± moderate to low calcareous content. Fragments are highly rotated and often display a CS$_2$ fabric. Matrix and fragments are of similar alteration color. Locally cm scale bands of crushed SB2 occurs in open slip planes. These SB2 filled slip planes are of variable

DDH 90DY04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: D. Sheet

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						orientation relative to core axis (70-25°). S_2 is generally overprinted by brecciated texture and localized weak shear fabric. Rock is generally hard locally moderately soft in cm scale bands. Core is slightly broken, locally crushed, gouged or strongly broken. Recovery is good. Upper contact is oriented 270°/42° to S_2 and is marked by a cm scale band of SBQ filled fault. Lower contact is marked a gradational reduction in buff alteration and a gradual loss of brecciated texture.
	407.7	411.0			SBQ	
						Medium to medium light gray strongly calcareous phyllite is CS_2 foliated with S_2 surfaces medium gray. Interval contains 1-2% calcite stringers (1-3mm) and 0-trace Po. Rock is slightly hard, core is slightly broken with good recovery. Upper contact is gradational, lower contact is sharp and parallel S_2. CS_2 approaches PS_2 near lower contact
	411.0	411.8			SBA	→SDO (SDO) (60:40) Olive green to buff olive green phyllite closely approaches SDO in color, diagnostic only by CS_2 fabric. All units

DDH 90DY04DS (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J Scott

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						are moderately to locally strongly calcareous. Interval contains sporadic 5BD units which are PS_2 foliated fine grained massive, and most often on the cm-scale thickness. Interval supports 1-2% calcite stringers and two 1cm calcite-quartz veins at 411.4 oriented subparallel S_2. Rock is slightly soft, core is very strongly broken generally along S_2 with localized rough surfaced fractures oriented at 094°/10 to S_2. S_2 is oriented at 78° to core axis. Recovery is good. Upper contact is sharp and parallel S_2. Lower contact is fault bounded and oriented 094/22 to S_2. S_2 is oriented at 85° to core axis
	411.8	412.9			5B4*	* FAULT 80:20
						FAULT zone consists of 60% moderately to weakly competant dark grey matrix. Matrix is very weakly calcareous (10% HCl). Matrix hosts polymictic angular and rounded fragments of 600, 5B0, 5B4 => 500 and vein quartz. Matrix sporadically slightly tarnishes fingers light to medium grey. Gouge is sporadic and is in bands <10cm wide. Upper contact is with 5B4 and oriented at 094/24 to S_2; S_2 is oriented 85° to core axis. Lower contact is also with 5B4 and oriented at 080/21 relative S_2 (S_2 oriented 73° TCA). Well developed slickensides are oriented 32° to core axis

DDH 90DY04 DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: J. Sexton

From	To	Recov.	No.	Unit	Description
419.9	420.5			5B4	=> 5DO (5DO) 99:02 Buff olive green to grey olive green phyllite is moderately (locally strongly) calcareous, CS$_y$-foliated with S$_y$ surfaces medium to medium dark greyish olive green. Interval supports 2% 5DO occurring parallel S$_y$ in bands commonly 1.0-2.0cm, rarely upto 35cm (at 114.25-114.50). Interval contains 1% calcite stringers, 0-2% cm scale quartz-calcite veins, and trace Po and Py. Py & Po often occur together in clots 0.5-1.0cm in diameter. Alteration which gives 5B4 the 5DO "look" is variable in intensity varying from weakly moderate to moderate. Upper contact is oriented 094/82 relative S$_y$ (S$_y$ is 85° to core axis). Lower contact is sharp and parallel S$_y$. Rock is slightly soft, rarely moderately soft, core is slightly broken with good recovery.
420.5	423.7			5DO	(5B4) 60:40 All units are moderately to strongly calcareous. 5DO units are olive green to buff olive green, fine grained, PS$_y$ foliated with S$_y$ surfaces medium olive green. 5B4 units appear 5DO color but contain a well developed CS$_y$ fabric and are generally slightly more calcareous. Contacts within interval are generally sharp and parallel S$_y$, occasionally

DDH 90DY-05 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Deeth

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						irregular. Interval contains 2% quartz-calcite veins (0.2-3.0 cm) and is generally barren of sulphides. 504 units range from 10-30 cm thick. Rock is moderately hard, and slightly broken with good recovery. Upper contact is sharp and parallel S_g. Lower contact is gradational with a progressive loss in alteration to 500 color.
						A 5cm fault zone occurs at 423.9 and is oriented at 059°/39°, S_g is oriented ~~at~~ 59° to core axis. FAULT is similar to the type occurring at 411.8-412.9 with minor breccia fragments.
	423.7	425.1			5,130	
						light gray phyllite is moderately to strongly calcareous, CS_g foliated, with S_g surfaces medium-light gray. Interval contains trace calcite stringers and 1%-trace quartz-calcite stringers, and no visible sulphides. Rock is generally soft, (scroll very soft), core is moderately broken with good recovery. Upper contact is sharp and parallel S_g. Lower contact is fault bounded with an orientation of 340°/26° relative S_g. S_g is oriented 71° to core axis. FAULT at basal contact is 1cm wide and consists of very weakly calcareous light gray gouge. Poorly developed slickensides with a fault plunge of 17° within fault plane.

DDH 90DY041DS
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: _____ Logged By: J Zbrantak

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	425.1	426.3			5B160	
						Light gray phyllite is noncalcareous locally very weakly calcareous, CS_2 foliated with medium-light S_2 surfaces. Unit is very similar to upper intervals only lacking in calcareous nature. Rock is soft locally slightly hard, core is moderately broken locally strongly broken in fractures crosscutting S_2 - variable orientations. Upper contact is sharp, gouged and described with upper unit. Lower contact is sharp and parallel S_2.
						A 1cm very weakly calcareous, graphitic gouge band occurs at 426.6. Band is oriented 065/25° relative S_2. S_2 is oriented at 72° TCA. Poorly developed slickensides plunge 6° with fault plane. Gouge strongly tarnishes fingers dark gray
	426.3	431.7			5B0	(5B4)
						Medium to light gray phyllite is generally moderately calcareous with rare bands (1mm to 10cm) of strongly calcareous and non calcareous phyllite. Unit is CS_2 foliated. Unit is very similar to upper unit but with noted higher carbonate content. Low angle 1-2cm graphitic gouge zones are sporadic throughout interval, zones are very similar to those in upper unit. Upper and lower contacts are sharp and parallel S_2. Rock is generally moderately broken locally

DDH 90DY04DS (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: S. ZBERTNIK

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						strongly broken, core is slightly soft locally soft, recovery is good.
						Last meter of core within interval grades in alteration becoming stronger down hole. Alteration lightens color to a buff to buff olive green. CS_2 fabric is retained throughout altered interval.
	431.7	433.5			580	(584 : 500) 75 : 23 : 02
						Medium gray phyllite is generally strongly calcareous, very weakly calcareous where altered, CS_2 foliated with S_2 surfaces medium dark gray. Intrusive hosts trace 1% calcite stringers on variable orientations.
						Upper 10cm of interval contains 500, buff olive green, very weakly calcareous PS_2 foliated and massive. 500 contacts are sharp and parallel S_2. 40cm of phyllite adjacent 500 is altered incolor approaching 500 is weakly calcareous PS_2 grading downhole to CS_2 foliated. Alteration decreases down hole.
						Rock is moderately hard, core is slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2
	433.5	432.2			5060	
						Buff - light brown unit is massive, fine grained

DDH 90DY04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: J. Zbrednik

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						PS$_2$ foliated very weakly to non calcareous and hosts 2% calcite stringers with locally darker CS$_2$ fabric (?) S$_2$ surfaces are buff-brown. Rock is hard, core is slightly broken with good recovery. Upper and lower contacts are sharp and parallel S$_2$.
	434.2	436.7			5B6D2	
						Medium to medium dark grey phyllite is weakly to very weakly calcareous CS$_2$ foliated with dark grey S$_2$ surfaces which do not fluoresce. Interval contains 0-5% (1 occurrence) cm-scale quartz calcite veins parallel S$_2$, 0-3% clotty P$_0$ (2-5mm). Rock is moderately soft, core is moderately to slightly broken, locally moderately-strongly broken. Recovery is good throughout. Upper and lower contacts are sharp and parallel S$_2$. Very minor (1cm) alteration of phyllite occurs at upper and lower contacts. Alteration consists of phyllite color approaching that of 5DO.
	436.7	438.5			5B4	(=>5DO : 5DO) 80:20
						Buff brown to buff olive green phyllite is moderately to weakly calcareous, CS$_2$ foliated locally approach PS$_2$, with buff brown S$_2$ surfaces. Alteration is 5B4 => 5D5 and is strong. 5DO units (3-10cm) are buff brown and olive green

DDH 90DV04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: J Zbrdnik

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						fine grained, massive, PS_0 foliated and very weakly to non-calcareous. S_0 surfaces are similar in color to cut surfaces.
						Interval contains trace quartz calcite veins on the cm scale - parallel S_0, and 1-2% dolomite(?) ankerite(?)
						(10% HCl reaction when scratched and very weak with 20% HCl on surface)
						Stringers of variable orientation. Contacts of 500 with 534
						are sharp and parallel S_0. Rock is slightly hard, core is
						moderately broken, crushed @ 438.0-438.1, recovery is good
						throughout. Upper and lower contacts of interval are sharp and
						parallel S_0
	4385	HWD.2			5802	(534 => 520: 500) 55: 40: 05
						All versions of phyllite are moderately calcareous
						CS_0 foliated locally approaching PS_0. 500 units are very weakly
						calcareous to non-calcareous.
						5802 units are medium to dark grey with dark grey
						S_0 surfaces coated with trace gouge which slightly tarnishes
						fingers light to medium grey.
						534 and 500 package occurs at 439.2-439.8 and
						is both brown in color locally olive green with similar
						colors on S_0 surfaces. Contacts of package are sharp, parallel
						S_0 and marked by cm scale quartz-calcite veins oriented
						subparallel to parallel S_0.
						Rocks are slightly hard to slightly soft, core is
						generally moderately to strongly broken, recovery is good

DDH 90DY04DS (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Upper and lower contacts of interval are sharp and parall. to S_0
	440.2	441.8			5BQ	
						Medium gray, moderately calcareous phyllite is CS_2 => $1^{\frac{1}{2}}$ foliated with medium-dark S_0 surfaces. Upper 40cm is crushed and also moderately calcareous. S_0 becomes slightly contorted and reduces in angle relative to core axis below 441.6. Rock is moderately soft strongly broken recovery is good. Upper contact is sharp and subparallel S_0. Lower contact is sharp, parall. S_0 and noted as a reduction in carbonate content and a progressive increase in shear fabric over S_0.
	441.8	445.4			5BQS	FAULT
						Medium gray weakly dolomitic interval contains a moderately strong shear fabric oriented at low angles to core axis, locally fabric occurs parallel core axis. Interval is generally soft but competent, supported by phyllitic matrix. Matrix supports angular fragments of 5B4=> 5QQ (which occur above and below fault zone), rare 5QQ, vein quartz, and dolomite ± ankerite (?). Shear fabric also contains sporadic occurances of quartz injection occuring parall. fabric and display a wispy nature. Rock is soft

DDH 90DY04 DS
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Logged By: J. Beedham

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						Slightly broken, rarely strongly broken with good recovery throughout. Upper contact is gradational at 15° shear fabric becoming dominant over S_0, sharp with a loss of calcareous nature of unit. Lower contact is sharp and oriented 156°/34° relative to S_0. S_0 is oriented 73° to core axis
	445.4	446.8			5B0b	
						Medium gray phyllite is very weakly dolomitic, $CS_0 \Rightarrow BS_0$ foliated with medium to medium-dark S_0 surfaces. Interval contains trace fracture filled stringers of dolomite. Rare occurances of moderate calcareous nature does exceed 2-3cm widths. Rock is slightly hard locally moderately soft. Core is moderately broken with dolomitic gouge at 445.95 to 446.0. Upper contact is sharp, fault bound and oriented at 156°/3x° relative to S_0. Lower contact is also sharp, fault bound and oriented 143°/17° relative to S_0. S_0 is oriented at 73° to core axis.
	446.8	447.8			500	(5B4 ⇒ 500) 80:20
						Buff brown to buff olive brown weakly to moderately calcareous rock is fine grained massive, and BS_0 foliated. Calcareous nature increases down hole. Rock hosts minor bands of 5B4 strongly altered to 500

DDH 90DY042S

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: J. Zbrak

From	To	Recov.	No.	Unit	Description
					color. Rocks are slightly soft, often strongly broken with good recovery. Upper contact is faulted (2cm of crushed and gouged SBO) and oriented 143°/12° relative S_2. Lower contact is strongly broken but appears parallel S_2.
447.8	449.1			SBO	Medium gray phyllite is moderately calcareous, CS_2 foliated with medium-dark S_2 surfaces. Interval supports a weakly calcareous fault zone at 448.4 - 448.8. Phyllite blocks within and adjacent gouge and crushed zone are moderately calcareous. Rock is very slightly hard generally slightly to moderately broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2. Interval contains trace 1% calcite stringers.
449.1	453.6			SBPS	Medium gray phyllite is weakly to very weakly dolomitic CS_2 foliated with medium-dark gray S_2 surfaces. Interval contains 1-2% dolomite stringers and 1% cm-scale quartz-calcite veins oriented parallel S_2. Unit appears identical in texture color and composition to units above and lower units. Rock is very slightly hard, core is slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2.

DDH 90Z04 DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: D. Sheehan

From	To	Recov.	No.	Unit	Description
453.6	466.8			5BA	Medium grey, moderately to strongly calcareous phyllite is CS_2 folded, PS_2 folded adjacent sporadic concordant veins of cumulate quartz veins oriented subparallel to parallel S_2. S_2 surfaces are medium dark grey. Unit hosts 0.5% cm-scale quartz-calcite veins. Rock is slightly soft, core is slightly to moderately broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2. Lower contact is marked by a 2cm quartz calcite vein oriented parallel S_2
466.8	468.5			5BA	Shear => 5B02 Medium to medium dark grey, moderately to strongly calcareous phyllite contains a strong shear fabric which strongly disrupts the CS_2 foliation. Calcite and calcite-quartz stringers are often wispy, parallel shear fabric and comprise 5-7% of interval (2-3mm wide). Interval is very well healed and hosts rare blocks of 5B4 => 5DO. Rock is slightly to moderately hard, very slightly broken with good recovery. Upper contact is marked by a 2cm quartz vein parallel S_2. Shear fabric at upper portion of interval is oriented at 257°/80° relative to S_2. Lower contact is sharp and oriented parallel shear fabric - 47° relative to core axis.

DDH 90DY015 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: E. ZBRAT

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	468.5	469.5			5B4	=> 500 shear (500 : 5B0 => 5B02) 85 : 10 : 05
						Buff to buff olive green moderately to strongly calcareous phyllite contains a strong shear fabric as upper unit. Interval contains a strongly disrupted CS_2 fabric which varies distinctly in differentiation 5B4 => 500 from 500. Shear fabric hosts 5% wisps and stretched blebs of 5B0 => 5B02. Rock is moderately hard with a very well healed shear fabric. Core is slightly broken with good recovery. Upper contact is sharp and oriented parallel shear fabric at 47° to core axis. Lower contact is very sharp and consists of well healed very finely ground 5B02 oriented at 223°/33° to S_2. No portion of 5B0 => 5B02 tarnishes fingers
	469.5	474.7			5B0	(=>5B04) 60:40
						Medium grey locally Medium buff to medium buff olive green moderately to strongly calcareous phyllite is CS_2 foliated where buff color persists unit tends to approach PS_2. Alteration of 5B0 => 5B04 is sporadic and varies generally in bands <1.0m with gradational contacts. Locally, isolated wisps of alteration is moderately strong and occurs in bands 1-2mm wide parallel S_2 and may in fact be 500. Rock is slightly hard to slightly soft, core is moderately to slightly broken with good recovery. Upper contact with shear fabric is sharp and oriented at 223°/33° to S_2. Lower contact represents a gradual loss of alteration

CPI 1987 E-3A

DDH 90DY04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: B. Zbetnik

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						of 5B0 => 5B04 (5B04 tends to reach 500).
	474.	480.9			5B0	
						Medium grey, moderately to strongly calcareous phyllite is CS$_2$ foliated with medium to medium dark grey S$_2$ surfaces. Unit hosts 2% calcite filled, well healed fractures which cross cut S$_2$. Rock is slightly to moderately solo core is slightly broken with good recovery. Upper contact is graded and lower contact is sharp and oriented 163°/04°. Lower contact is noted as the beginning a a wk fault zone and contact angle measured accurate but may not be representative.
	480.9	481.7			5B0F	FAULT *
						Medium grey, moderately calcareous phyllite is moderately to strongly crushed and locally slightly gouged. Crushed rock and gouge are weakly to moderately calcareous, occur in bands from 1-3cm wide and are at various orientations. Undisturbed blocks of phyllite are CS$_2$ foliated. S$_2$ and crushed surfaces are medium-dark grey. Core is 91% recovery is good. Upper contact is oriented => 163°/24° to S$_2$. Lower contact is oriented @ 222°/46° to S$_2$.

DDH 90DY04DS

CURRAGH RESOURCES INC.

Lithologic Log

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Date: Logged By: E. Zbatnik

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	481.7	486.9			5B0	* $
						Medium to light gray, strongly calcareous phyllite is CS_y foliated with medium gray S_y surfaces. Interval hosts
						10-15% dolomite filled fractures (.5-2mm x 10-20mm)
						oriented subparallel core axis. Frequency of dolomitic
						fractures gradually decreases down hole. Rock is generally
						moderately soft locally slightly hard. Core is moderately
						to slightly broken with good recovery throughout.
						Upper contact is sharp, oriented at 22°/40° to S_y;
						lower contact is noted as a loss of dolomitic fractures.
	486.9	500.2			5B0	(500) 99:01
						Medium gray phyllite is moderately calcareous, CS_y foliated
						locally approaching P_y with medium to medium dark gray S_y
						surfaces. Unit host rare cm-scale bands of 500-
						occuring parallel S_y, 0-1% clots, Po and 1% cm-scale
						quartz-calcite veins oriented parallel S_y. Rock is moderately
						soft, slightly broken and recovery is good. Upper
						contact is noted as a loss in dolomitic
						fractures at upper unit. lower contact is sharp and
						parallel S_y.
	500.2	502.2			5B01	8 (500) 98:02
						Medium gray phyllite is moderately to strongly
						calcareous, P_y foliated with medium-dark S_y surfaces.

DDH 90DY04DS

2 8

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: D Sheehan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Interval hosts 15% quartz - calcite veins, 1-2 rarely upto 4cm wide. Veins are parallel S_2 and often have moderate to weak chloritic alteration along margins. Interval also hosts 1-2% clotty Po, often associated with veins. SDO units are rare, 1-1.5cm wide and parallel S_2. Upper and lower contacts are sharp, parallel to subparallel (S_2 and marked by quartz veins and chloritic alteration. Rock is moderately hard, core is slightly broken with good recovery.
	502.2	513.9			580	(crushed and gouged *) 99:01
						Medium gray, moderately to strongly calcareous phyllite to CS, foliated with medium to medium-dark gray S_2 surfaces. Interval contains 1-3% 5-10 mm clots of Po, a 25cm quartz - calcite vein (± chloritic alteration) at 509.4 and calcareous crushed and gouged zones at 511.6 - 511.8 and 512.45 - 512.6. Crushed and gouged zones are moderately to strongly calcareous 2-3cm wide and oriented at low angles to core axis. Rock is slightly soft, core is moderately to slightly broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2.

DDH 90DX04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Zbeel

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
	513.9	520.6			5BO	* Strongly broken Medium gray, strongly calcareous phyllite is CS_y foliated, rarely approaching PS_y, with medium-dark gray S_y surfaces. Interval is strongly broken along S_y surfaces, locally weakly crushed with very rare gouge bands, from 2-3cm wide. Gouge is often subparallel to parallel S_y. Crushed and gouged intervals are moderately calcareous throughout. Rock is moderately soft, strongly broken. Recovery is good throughout. Upper and lower contacts are sharp, parallel S_y and mark the limits of broken interval.
	520.6	524.7			599	(5DO) 99:01 Medium gray moderately to strongly calcareous phyllite is $CS_y \Rightarrow PS_y$ foliated with medium-dark gray S_y surfaces. Interval hosts 2-3% 2-6cm quartz calcite veins oriented parallel S_y. Po occurs as scattered 2-5mm clots and does not exceed 1% of interval. Rock is moderately soft, core is moderately broken with good recovery. A single 1cm band of 5DO occurs at 521.6 Upper and lower contacts of interval are sharp and parallel S_y

DDH 90DY04DS (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: ____ Logged By: J. Beckett

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
	524.7	527.3			580	(=>584 : 500) 88:10:02
						Medium gray strongly to moderately calcareous phyllite displays a well developed S_2 fabric with medium dark gray S_2 surfaces. Interval displays an increase in alteration down-hole. Alteration is to a an olive green color similar to 500. Alteration increase is gradual over 1.0 - 1.5 metres, but strong with diffuse contacts subparallel S_2 at 526.9 - 527.1. 500 occurs in sharp contact with 584 at 527.1. Rock is moderately to slightly soft, core is slightly to moderately broken. Upper contact is sharp and noted as first weak to very weak occurance of 580 => 584. Lower contact is sharp and parallel S_2.
	527.3	530.3			580	* strongly broken
						Medium gray moderately to strongly calcareous phyllite is PS_2 foliated, locally $PS_2 \Rightarrow CS_2$, with medium-dark gray S_2 surfaces. Interval is strongly broken with S_2 dominate fracture planes. Rarely interval hosts fractures subparallel core axis. Unit hosts a single calcareous gouge band at 527.3 - 527.85. Rock is soft to moderately soft, core is strongly broken with good recovery. Upper contact is marked by narrow gouge zone subparallel to parallel S_2. Lower contact is sharp, parallel S_2 and noted by an increase in RQD.

DDH 90V/04 DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: J. ZBRZYNUEF

From	To	Recov.	No.	Unit	Description
530.3	532.0			5BQ	(5DO) 85:15
					Medium gray moderately to strongly calcareous phyllite is generally CS_2 folded, locally B_2, with medium-dark gray S_2 surfaces. Interval hosts sporadic occurrences of olive green non-to-very weakly calcareous 5DO. 5DO units do not exceed 10cm in width and are oriented parallel S_2, rarely 1cm wide and folded parallel S_2. Rock is slightly hard, core is slightly-locally moderately broken, recovery is good. Upper and lower contacts are sharp and parallel S_2.
532.0	540.2			5BQ	(5B2) 95:05
					Medium gray moderately to strongly calcareous phyllite is CS_2 folded with 5% of S_2 planes dark gray. These 1-2mm widths of increased carbonaceous material have been designated "5B2". "5B2" surfaces moderately tarnish fingers medium gray. All other S_2 surfaces are medium-dark gray. Interval contains sporadic occurrences of strongly broken and weakly crush rock. Broken intervals do not exceed ~70cm, commonly 3-15cm wide and are moderately to strongly calcareous. B_2 and F_2 occurrences are sporadic and clotty. Rock is slightly hard core is generally moderately to slightly broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2

DDH 90DY04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: E Zbeda.

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	542.2	551.8			580	
						Medium gray locally medium-light gray, strongly to moderately calcareous phyllite is S0 foliated with medium to medium dark gray S2 surfaces. Interval contains 0-1% cm-scale white quartz-calcite veins 0-1% clotty B2 locally CS fabric is disturbed by and rock hosts 5-7% short clotty, irregular calcite fractures. Rock is slightly hard to very slightly soft core is slightly broken with good recovery. Upper and lower contacts are sharp and parallel S0.
	551.8	552.9			5802	*
						Dark gray, moderately calcareous phyllite contains a PS2 fabric which is commonly contorted and disrupted by a post D-2 event. Calcareous rock is hosted by a network of irregular discontinuous patterns of fractures filled with $CaCO_3$. Fractures constitute 10% of interval and do not exceed 2mm in width. S2 surfaces are dark gray and very rarely weakly tarnish fingers medium gray. Interval contains 5-7% P2 occuring commonly as very irregular clots and stringers rarely in bands .5 cm wide. Rock is is hard, core is slightly broken with good recovery. Upper and lower contacts are sharp and parallel S0.

CRI 1987 E-7A

DDH 90DY 045 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J Beetruk

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	522.9	554.0			3G9	S (5B02 : 5D0) 65 : 20 : 15
						black to very dark grey phyllite is non-calcareous,
						with a moderately, contorted, poorly developed PS_2
						fabric. S_2 surfaces are black and easily tarnish
						fingers black. Units host 0-7% dolomite-quartz and
						dolomite fractures and veinlets of highly variable
						orientation - never exceeding 1.0cm and most often clotty
						when over 0.5cm. Interval contains 4-5% Po.
						5D0 occurs sporadically throughout interval in
						bands and wisps from 0.2 - 2.0cm. Contacts are
						slightly irregular but parallel the contorted PS_2 fabric.
						5B02 occurs over the lowest 40cm of interval.
						Unit is medium grey to medium dark grey, non-calcareous
						and hosts 3% dolomite stringers and clots which
						fill narrow (1-2mm) discontinuous irregular fractures. Lowest
						5cm of 5B02 unit hosts a band supporting ± 70% Po.
						All contacts are parallel S_2
						Rock is hard, core is slightly broken with good recovery.
						Upper and lower contacts are sharp and parallel S_2
	554.0	554.3			5C0*	(?)
						Medium green, massive, strongly calcareous unit
						is PS_2 foliated with a weak igneous texture preserved. Rock
						hosts 10% chloritized mafic minerals (1mm) and 10-15%
						leucoxene(?). Rock is hard, unbroken and upper and
						lower contacts are sharp and parallel S_2.

DDH 90DY04DS (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: J. Sheehan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
	5543	5550			AGAA	* ± 7.
						Strongly mineralized unit is grayish purple and grayish yellow, moderately calcareous, strongly baritic, fine to very fine grained, and well banded. Unit contains rare cm-scale bands of upto 30% to 3-5% scattered clots of barite 1-2mm, and 0.2-1.75cm bands rich in Py. Banding dip angles relative to core axis rotate and internal folding is strongly suspected, although not readily visible. Rock is moderately hard, breaks block, core is slightly broken with excellent recovery. Upper contact is very sharp, irregular and subparallel Sg. Banding 5cm below contact is oriented 026°/69°, Sg is oriented 75° to core axis. Lower contact is very sharp and irregular. No relationship between contact and Sg can be established.
						ESTIMATED grade of interval is 12-15% Pb+Zn.
	5552	5559			AH04	6 ± 8
						Reddish brown interval is non-calcareous, strongly magnetic moderately well banded with banding progressively steepening in dip relative to Sg of lower unit. Unit hosts 1-2% baritic clots and 0-7% calcite clots commonly 1-3mm in diameter. Banding is locally weakly contorted with Pyrite-rich bands displaying a discontinuous behavior - boudens. Interval is fine to

DDH 10BZ04135

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: E Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						very fine grained. Rock is very hard, core is slightly broken with excellent recovery. Upper contact is sharp and parallel banding. Lower contact is very sharp and oriented at 303°/18° relative to S_2 within lower unit. S_2 of lower unit dips 74° relative to core axis
						(?)
	555.9	556.8			3G02	
						Dark bluish-gray phyllite is non-calcareous, CS_2 foliated with S_2 surfaces defined as 1-2 mm bands of black phyllite. S_2 surfaces slightly tarnish fingers when rubbed. Unit hosts 5-7% white and dark gray quartz veins barren of carbonate. Veins range from .2 - 2.5cm in width, crosscut S_2 → various relationships and contain upto 15% Po ± Py. Rock is hard to very hard. Upper contact is oriented at 303°/18° relative to S_2. S_2 is oriented at 74° to core axis. Lower contact is marked by an irregular 2cm quartz vein, roughly trending sub-perpendicular core axis.
	556.8	559.9			4G04	
						Grayish-yellow and locally light gray unit is non-calcareous

DDH 90DY04DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By: J. Eberlein

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						well banded. Orientation of banding varies greatly relative to core axis throughout interval, locally parallel core axis. Broad open fold occurs at 559.0 with axial plane oriented sub perpendicular core axis. Interval consists of 30-40% fine grained Py, locally 60-70% Py, 25-30% white mineral (baryte?), trace - 10% galena and sphalerite combined, 10-20% quartz. Interval strongly black. Local concentrations of Py is associated with 5-7% clotty calcite blobs. Calcite is often associated with medium grained sphalerite and galena - remobilized. Rock is medium soft, core is slightly broken recovery is good throughout. Upper contact is marked by 2cm quartz vein oriented sub perpendicular core axis. Lower contact is sharp and parallel contorted S_0 fabric. Estimated grade is less than 7% Pb+Zn.
	559.9	561.4			4A04	
						Light gray and black, non calcareous phyllite is PS_2 foliated, with fabric moderately contorted. Light gray bands are dominant and very siliceous. Black bands commonly leave moderate tarnish on fingers. Mineralization consists of Py and sphalerite bands commonly 2cm wide. These mineralized bands constitute 15% of interval, and are siliceous with 15-20% Py, 2-20% sph. Siliceous bands are hard, graphitic bands are moderately soft, core is slightly broken, recovery is good. Upper

DDH 90DY04DS (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Logged By:

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						and lower contacts are sharp, and parallel to a contorted S_2 fabric. Estimated grad. is < 3% Pb+Zn.
						(?)
	561.4	562.0			360	
						Medium to light gray, non-calcareous phyllite is CS_2 foliated with dark gray S_2 surfaces. Unit hosts 7-10% euhedral Pyrite crystals 2-10 mm in size commonly partially replaced by Po_1 occasionally total replaced by Po_1. Interval contains 2% light gray and white quartz veins .5 - 3.0 cm wide. Veins are parallel S_2. Rock is medium soft, slightly broken, recovery is very good. Upper and lower contacts are sharp and parallel S_2. S_2 surfaces do not tarnish fingers.
	562.0	565.9			464	(464 : 460) 80:15:5
						Bartic units are brassy yellowish-purple locally dark reddish-purple, non-calcareous to locally very weakly calcareous, generally well banded, moderately mineralized, locally intensely mineralized. Interval folding is common.
						460 units do not exceed 80cm in width and are light gray soft PS_1 foliated and non-calcareous. 460 at 564.6 - 564.7 supports 20% strongly carbonaceous influence
						Intensely mineralized intervals occur @ 563.65 - 564.3

DDH 90DY04 DS

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: D. Sheehan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						564.7 - 565.0, 565.3 - 565.9. Strongly mineralized interval @ 563.65 - 564.3 contains 4LO contact parallel core axis over lowest 0.5m. Strongly mineralized intervals are estimated to contain 25 - 30% Pb+Zn. Overall grade estimate for interval is 15% Pb+Zn. Mineralization is overwhelmingly Zn dominate. Lower contact of interval is subparallel S_2
	565.9	567.7			4AQ	Very dark gray to black noncalcareous phyllite is PS$_2$ foliated rarely PS$_2$ => CS$_2$. S$_2$ surfaces common, tarnish fingers very dark gray to black. Unit hosts 10 - 15% stringers, clots and bands of fine grained Py often associated with very siliceous bands and clots. Sphalerite and galena occurances are rare and constitute trace of interval. A single 15cm quartz vein occurs 20cm from top of interval, vein contains 1-2% dolomite in clots. Rock is hard, core is strongly broken with good recovery. Upper and lower contacts are sharp and parallel S$_2$.
						Hole has been reduced to NQ at 570.0m. Reduction from HQ to NQ was to be used for collar for down hole motor - and is in no way reflecting rock or drilling conditions...

DDH [redacted]2[redacted]8 CORRAGH RESOURCES INC. Page 7/[redacted]

Lithologic Log

Date: _____ Logged By: D. Sheehan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	567.2	572.1			360	1
						Medium gray, non-calcareous phyllite is $CS_0 \Rightarrow PS_0$ foliated with medium-dark to dark gray S_0 surfaces. Interval consists of medium to finely laminated bands, sporadically distributed 0.5-1.0 cm bands are medium to light gray, siliceous. Frequency of siliceous bands increase down hole. Unit contains 5-7% cloudy veins of P_0 generally subparallel S_0. Non calcareous 1.0-10cm quartz veins are subpar. to S_0 and constitute 1-2% of interval, most commonly located in upper portion of interval. 10cm gouge band occurs at 571.4. A 1cm quartz vein with slip plane contains is oriented $\Rightarrow$ 210°/34° to S_0 @ 570.8. Slickensides rake 0-4° within slip plane. Rock is generally slightly soft, locally hard where siliceous. Core is generally competent broken along S_0 planes in both HQ and NQ intervals, with good recovery throughout. Upper and lower contacts are sharp and parallel S_0.
						S_0 planes commonly furnish fingers medium gray
	572.1	575.5			360.1	
						Medium gray, non calcareous phyllite is $PS_0 \Rightarrow CS_0$ foliated with medium-dark to dark gray S_0 surfaces. S_0 planes sporadic siliceous cm-scale lamina are more common than in upper unit, and constitute 5-7% of interval. Lower meter of interval hosts 2-3mm dark gray soft porphroblasts occurring in non-siliceous bands. Interval contains

C.R.I. 1987 E-3A

DDH [redacted]2-87-8 CURRAGH RESOURCES INC. Page 12

Lithologic Log

Date: _____ Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						trace - 1% quartz veins and quartz ankerite stringers oriented at low angles to core axis. Rock is generally soft locally hard where siliceous. Core is strongly broken along S_2 planes with good recovery throughout. Upper and lower contacts are parallel S_2. Unit contains 1-2% clotty Po
	575.5	576.6			AGQ	
						Medium to medium gray non-calcareous quartzite is weakly PS_2 foliated and hosts 1-3% clotty stringers of Py and 3-5% finely disseminated sulphides also considered to be Py. Rock is hard & very siliceous. Core is slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	576.6	579.4			3A0	2
						Medium - dark gray non-calcareous phyllite is PS_2 foliated locally $PS_2 \Rightarrow CS_2$. Unit is poorly laminated, appearing a massive texture. S_2 surfaces are medium - dark gray and do NOT tarnish fingers. Unit contains 2% cm-scale quartz veins generally oriented at low angles to core axis. Rock is slightly hard, core

C.R.I. 1987 E-3A

DDH [redacted]2 [redacted]8 CORRAGH RESOURCES INC. Page [redacted]73

Lithologic Log

Date: _____ Logged By: [redacted]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						is slightly locally moderately broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2
						Unit contains 0- trace Py.
	579.10	580.1			3679	
						Very dark gray to black non-calcareous phyllite is weakly P_{S_2} foliated, and tends to a massive texture. Lamina are common several cm-thick. S_2 surfaces tarnish fingers very dark gray to not quite black. Unit contains 5-7% clots are late stringers of Py, and 1-2% cm-scale quartz veins. Rock is hard, slightly broken with good recovery. Upper contact is sharp, parallel S_2 and marked by cm-scale quartz vein. Lower contact has not been cored.
	580.1	598.3			N/A	No recovery. Interval has not been cored, interval was drilled using downhole motor. See 9004-W1 which represents wedge interval drilled with coring procedures.

C.R.I. 1987 E-3A

DDH 87-90-04-03 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J Bechtold

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	598.3	600.3			SIC4	Gouge zone
						Light buff to very light grey gouge zone is very weakly calcareous (10% HCl). Gouge hosts 10% wall rock and exotic fragments. Most fragments are also buff to very light grey, angular and matrix supported. More rare are medium grey SBO fragments and localized concentrations of fuchsite within a buff matrix. Rock is very soft, and consists of gouge. RQD is 0%, recovery is fair to good.
						Upper contact has not been cored, indications by erratic nature of down hole motor and water pressure support gouge to begin at an estimated hole depth of 597.3 m. Lower contact is crushed and intensely broken, but does appear to be subparallel to S_2 and does certainly crosscut shear fabric. No readable measurement possible
	600.	604.1			SBG	FAULT ZONE
						Medium grey non-calcareous phyllite is very strongly broken and crushed, 2-3cm gouge bands are common. Fractures are very caotically oriented. 1-3 cm blocks of phyllite often display a well developed CS_2 fabric. Fracture planes commonly host an extremely fine grained, non lithified, bone white clay filling. Filling is non-calcareous and non dolomitic. Sporadic intervals of crushed and broken rock (10-25cm wide) are strongly tarnished to a yellow-brown (oxidized (?)). Qtz vn fragments are very rare. RQD is 0%, recovery is generally good, locally poor. (30% @ 603.5-604.1). Upper contact appears to be approximately subparallel S_2, lower contact is gouge and

UDH [redacted]-10-Y-04-DS

CORRAGH RESOURCES INC.

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Lithologic Log

Date: _____ Logged By: K. Sheehan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Intensely crushed. No structures available.
	604.	605.2			15C14	FAULT ZONE
						Very light gray - buff to buff, non-calcareous, non-dolomitic unit is generally crushed, very strongly broken and locally supports 2-7cm gouge bands. Rare occurances of fuschite suggest a 5CO origin for rock type. Bone white clay occurs along fractures and voids. Clay is not lithified and is extremely fine grained. Two 10-15cm blocks of 5C4 near lower contact are supported by crushed and gouged rock. These blocks are solid. Recovery is generally good. Upper contact is crushed and gouged, lower contact is oriented 55° to core axis.
	605.	605.9			5B6,	& FAULT ZONE
						Light gray phyllite is sporadically weakly to very weakly dolomitic and strongly broken, locally crushed. Fracture orientation varies from 10° to 40° to core axis, commonly oriented 30° to core axis. Fuchsite is extremely rare and is limited to clots within slip planes on fractures => crucible fragments of 5C4. RQD is 0%, 2-3cm blades of phyllite are slightly hard and very solid on fractured surfaces. Upper contact is oriented 55° to core axis and lower contact is oriented 40° to core axis

C.R.I. 1987 E-3A

DDH [redacted]BDY-94-5 CONRAGH RESOURCES INC. Page 7
2 8
Lithologic Log
Date: _____ Logged By: F. Dyer

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
	600.2	608.7			5C4S	Broken interval
						Buff-brown rock is fine grained, generally massive, sporadically weakly dolomitic, moderately broken, quartz veined and locally gouged. Fuchsite has not been noted in core. Unit hosts a 40cm quartz-ankerite vein (moderately to strongly broken) at 607.3. Vein is locally weakly dolomitic. A very weakly calcareous gouge zone occurs at 608.0 - 608.3. Gouge is yellow buff and turns greenish buff after reacting with 10% HCl. Unit is soft and when strongly grooved and scratched - powder very weakly reacts with 20% HCl - dolomite? ankerite? Upper contact is oriented 40° to core axis. Lower contact is broken but hosts a minor block of 5B6 with contact oriented at 25° to core axis. 5B6 block is exotic.
	608	610.0			5C4S7	
						Buff-brown and green unit is weakly to moderately dolomitic, PS foliated and slightly to moderately broken. Buff matrix hosts 20% strongly chloritized highly sheared (1-2mm x 4-5mm) clots elongated what is interpreted as S_2 (oriented 75° to core axis). Fuchsite is common and occurs in stringers and also as wisps parallel chloritic clots. Interval is generally slightly to moderately broken with rare gouge bands in width of 1-2cm and at varying orientations. Rock is soft and recovery is good

C.R.I. 1987 E-3A

DDH [redacted] - [redacted] CORRAGH RESOURCES INC. Page 77

Lithologic Log

Date: _____ Logged By: [redacted]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Upper and lower contacts are broken and no orientation measurements are possible.
	610.2	611.2			5B6$	(3G0) 98:02 FAULT ZONE
						Medium grey phyllite is weakly to locally moderately dolomitic, PS$_2$ fabric consists of fine laminations of very light grey and medium grey bands (<1mm). Lower 20-15cm of interval is medium to dark grey, crussive and interpreted as 3G0. Interval is strongly broken locally crushed and gouged. Fractures are commonly coated in bone white extremely fine grained non lithified clay. Broken intervals are dominantly along S$_2$, far less common are fractures oriented at low angles to core axis. Rock is solid, RQD is 0%. Upper contact is broken, lower contact is oriented 89° to core axis.
	611.2	614.1			5F04	3S (5B4) 95:05 ± Broken
						Medium to light grey green rock is weakly to very weakly calcareous, locally weakly dolomitic. Rock contains a moderately well preserved fine grained igneous texture. Bone white non calcareous extremely fine grained clay occurs in fractures and clots, often moderately lithified. Upper 30cm of interval hosts 5B4 => 5F0 with a well developed

C.R.I. 1987 E-3A

DDH C 90 07-04-B5

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Sheehan

From	To	Recov.	No.	Unit	Description
10 14	16 20	22 24	26 28	30 34	38
					CS_2 fabric and a variable calcareous nature varing from nil to weak. CS_2 unit is medium buff green. Rock is soft, generally strongly broken, very strongly broken below 613.6. Upper contact is oriented 52° to core axis. Lower contact is observed in strongly broken core.
614.0	615.0			5C84	strongly broken light buff brown rock is intensely dolomitic, massive and contains a weak PS_2 fabric. Bone white clay is common and occurs within fractures and in voids. Clay is generally competant. Rock has been replaced by dolomite. Protolith could be anything although upper and lower units are identical 5C0 units and contain similar massive texture as this 5C84 unit. Rock is soft to very soft, and core is strongly broken. Recovery is poor. Upper and lower contacts are sharp but strongly broken and no orientation is available.
615.0	618.0			5C08	* Strongly broken and crushed light green, massive, moderately dolomitic unit. Contains a well preserved fine grained igneous texture and a weak PS_2 fabric. Interval is strongly broken and often crushed, bone white clay is very common and generally occurs along fractures, minor zones are clasts and voids.

DDH [redacted]-88-[redacted]-25

CORRAGH RESOURCES INC.

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Lithologic Log

Date: _____ Logged By: [redacted]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						hosting the clay. Calcite is fairly common and always occurs within moderately well healed closed fractures. Rock is soft, strongly broken locally crushed. Recovery is good. Upper and lower contacts are strongly broken but appear to be sharp.
	618.0	619.6			15CHS	(5BO) 95:05 Strongly broken Medium to light buff brown weakly dolomitic rock is strongly broken and gouge in 0.5-1.0cm bands is very common. Unit commonly display a moderately well preserved fine grained igneous texture. 5BO occurs in 2.0-10cm bands and is commonly crushed - orientations are variable. Bone white clay is not common and occurs as very poorly lithified fillings in fractures. Rock is soft, strongly broken with good recovery. Upper contact is sharp and strongly broken. Lower contact with intense gouge zone is sharp.
	619.6	625.2			15GG62	* Gouge Zone Medium to dark grey gouge zone is generally weakly calcareous and fine grain pyrite is very common. Gouge contains a very strong shear fabric generally oriented at 90°

C.R.I. 1987 E-3A

DDH 87-[redacted]-035 (2 8)

CORRAGH RESOURCES INC.

Lithologic Log

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Date: _____ Logged By: [redacted]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						low angle to core axis. Gouge supports 20-30% wall rock fragments of variable composition. Fragments are generally 1cm in size and are 5C45, 5B0(?) 360(?) in composition. Overall gouge is medium buff incolor and these bands are generally 20-40cm thick with contacts parallel shear fabric. 5B0 slip faces occassionally shiny tarnish fingers medium to light grey. Upper contact is sharp and oriented 060°/54° to S_2. This dip differs greater from shear fabric which is generally 0-<10° to core axis. Lower contact is gradational noted as a progressive increase in rock competency, but ROD remains 0% throughout. Gouge is very soft and friable.
	625.2	628.3			5R62	(5C0 : 5B7) 88 : 02 : 10 strongly broken & crushed grey.
						Medium dark to dark grey phyllite is non calcareous, rarely weakly dolomitic, PS_2 foliated with fine laminations and hosts minor bands of 5C0 and 5B7(?). Calcite occurances are sporadic and are limited to fractures of variable orientation. 5C0 & 5B7(?) units occur in bands 25cm wide or less, and are commonly moderately calcareous. Rock is generally strongly broken, often crushed, rarely gouged. RQD is generally 0% except for interval 626.7-627.2 where RQD is 10%. All units are soft and recovery is

C.R.I. 1987 E-3A

DDH [redacted]-04-153 CORRAGH RESOURCES INC. Page 21

Lithologic Log

Date: _____ Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						good throughout. Upper contact is gradational and noted as an increase in rock competency down hole from upper unit. Lower contact is also gradational and noted as an increase in greenish gray alteration down hole
	628.5	635.5			15B77*	(500* : 500*) Medium to medium light greenish-grey interval is generally moderately to strongly calcareous. Interval consists of a caotic sequence of narrow bands of 500* and 500* within a variably altered calcareous phyllite. Interval is strongly to very strongly broken with sporadic narrow crushed zones. Gouge is extremely rare and limited to bands <1.0 cm wide and parallel Ps-fabric. Rock is slightly hard rarely very soft. RQD is <10%. Upper contact is gradational. Lower contact is sharp, parallel Sa and marked by <1.0 cm gouge band.
	635.5	649.2			36B09	Dark gray non-calcareous phyllite is generally Ps foliated often lacking in distinct laminations. Sporadic occurrences

DDH [redacted]-03 Page [redacted]

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: [redacted]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						of a well defined S_2 fabric with 5B6 similarities are sporadic and generally occur in 5-25 cm bands. P_0 is very common, constituting 5-7% of the interval and occuring as massive clots and stringers parallel to subparallel S_2. S_2 surfaces are black and commonly moderately tarnish fingers very dark gray to black. Core is slightly broken, moderately broken over upper 0.7 metres. Rock is hard and recovery is good. Upper contact is sharp and marked by a <1.0cm gauge band oriented parallel S_2. Lower contact is sharp and marked by a 8cm quartz vein oriented parallel S_2
	649.3	658.5			360	(5C0* : 5D0) 96:03:01
						Medium gray non-calcareous phyllite contains a PS_2 => CS_2 fabric and rarely contains a well developed CS_2 fabric. S surfaces often slightly to moderately tarnished fingers light to medium light gray. Interval contains 3-5% shiny P_0 and 0-1% cm scale quartz veins generally oriented parallel to subparallel S_2. Rock is hard, moderately broken. Recovery is good throughout. Upper contact is sharp and marked by an 8cm quartz vein oriented parallel S_2 lower contact is marked at the top of an interval containing moderate quartz injection.
						5C0* unit occurs at 656.5-656.8, and is

C.R.I. 1987 E-3A

DDH C-87-04-05

CURRAGH RESOURCES INC.

Lithologic Log

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Date: _____ Logged By: E. Zheet

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						strongly calcareous, medium grey/ green, weakly PS foliated and contains a very poorly preserved lineation texture. Contacts are parallel S$_0$ and sharp. 500 units are rare and do not exceed 3cm in width. Units are olive green to olive buff, non calcareous and have sharp contacts parallel S$_0$.
	658	662.			3601	Medium to medium dark grey phyllite is non calcareous PS$_0$ foliated, rarely CS$_0$ foliated with S$_0$ surfaces medium and dark grey. S$_0$ surfaces moderately tarnish fingers very light grey. Interval contains 5-7% vein quartz generally oriented parallel S$_0$ and 5% shaly and massive Po. Rock is generally hard moderately broken, with good recovery throughout. Upper contact is marked by the first occurrence of abundant quartz vein matter. Lower contact exists below 662.3.
		662.3				END OF HOLE

C.R.I. 1987 E-3A

DDH 90 DY 042S CURRAGH RESOURCES INC. Page 84 of

Logged by I Jewell

ASSAY LOG (SAMPLER'S COPY) Date Oct 90 Sampled by S. Z

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	554.3	555.2	651091	0.9	0.9		
	555.2	555.9	651092	0.7	0.7		
	555.9	556.8	651093	0.9	0.9		
	556.8	557.8	651094	1.0	1.0		
	557.8	558.5	651095	0.8	0.8		
	558.5	559.4	651096	0.9	0.9		
	559.4	559.9	651097	0.5	0.5		
	559.9	560.6	651098	0.7	0.7		
	560.6	561.4	651099	0.8	0.8		
	561.4	562.0	651110	0.6	0.6		
	562.0	562.9	651111	0.9	0.9		
	562.9	563.9	651112	1.0	1.0		
	563.9	564.7	651113	0.8	0.8		
	564.7	565.3	651114	0.6	0.6		
	565.3	565.9	651115	0.6	0.6		

DDH GDDY04.DS (2 / 8) CURRAGH RESOURCES INC. Page 25 of _____

Fault Log Date: _____ Logged By: I. Zyuck.

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		
	99.6	102.9		1	31	?	03	?	51	284	Strong crushed locally gouged interval. Dominate shear fabric is subparallel core axis
	131.2	133.6		2	1H	343	?	?	?	?	Strongly crushed locally gouged Dominant shear fabric subparallel core axis.
	135.5	137.3		3	19	914	—	—	—	—	Strongly crushed, moderately gouged interval. Shear fabric commonly subparallel core axis.
	153.4	153.8			19	000					FAULT consists of strongly crushed rock and gouge. Well developed slickensides are oriented 87° to core axis Breccia fragments within fault zone consist of local lithologies: pyrite and quartz carbonate vein material.
	161.6	166.9			44	090			31	011	MAJOR FAULT. Extensive gouge and crushed rock Sp is high angle to core axis Rock has been crushed by Sp. Has often subparallel core axis!
	245.6	249.4									Strong broken locally crushed and gouged. no reliable measurement possible.

DDH 90DY042S (2 8) CURRAGH RESOURCES INC.

Fault Log

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Date: _____ Logged By: T. Bond

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	
	294.6	295.7						Intensely strongly bedding parallel S_2, moderate zones of crushed rock, minor gouge. No measurements available other than dominant S_2 fractures.
	312.8	313.3			15 018		55 015	Strongly broken interval, minor gouge with crushed rock
	317.5	318.5						Upper 25cm consists of gouge, lower portion is strongly to moderately broken. Fabric and contacts: ? Suggest coincident orientation with S_2
	353.1	353.6						Soft rock and gouge zone, upper and lower contacts are parallel S_2. Internal fabric of cm-scale gouge band (s) wander, at variable angles, down core axis.
	403.8	407.0			47 270			Fault zone generally consists of well healed breccia. Occasional open shear is filled with gouge and crushed SRR. Dips of open shears vary from 70-25°.

DDH 90DY042 S CURRAGH RESOURCES INC. Page 52 of _____

Fault Log Date: _____ Logged By: Zbeetn. H

Code	FROM	TO (At)	Feature	REC.	UPPER Dip Direct		INTERNAL Dip Direct.		LOWER Dip Direct		Description
	10 14	18 20	22 24	26	28 32		34 38		40 44		
	411.8	412.9			24	994			22	994	Fault consists of 5B2
											matrix supporting 20-30%
											poly mictic angular fragments
											0.3 - 1.5cm in diameter.
											fault is locally moderately
											competent, locally gouged (5B1)
											Fault is generally at a low
											angle to core axis.
	423.0	423.1					39	059			Gouge of 5B2 with
											sharp contacts upper & lower
		425.1					26	340			3cm gouge zone - 5B2(?)
		426.6					25	065			1-2cm gouge zone 5B2
	430.2	431.7			16	947	10	924	13	326	Sporadic low angle faults
											of 5B2 gouge (1-3cm wide)
											faults are separated by
											moderately broken competent
											blocks. (Minor zones)
	440.2	440.6									Band of strongly broken,
											locally moderately crushed
											rock. No oriented data
											available
	441.3	445.4							34	156	Low angle well healed
											fault zone generally resistant
											or moderately competent
											rock. Local 1-3cm gouge
											bands of gouge occur

DDH 90DY045 CURRAGH RESOURCES INC. Page 88 of _____

Fault Log Date: _____ Logged By: J. ZIELTRUP

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		
											at low angles relative
											to core axis
	448.4	448.8			73	235			64	146	Fault consists of calcareous
											gouge.
	466.8	469.5			47				33	223	Well healed shear/fault
											consists of moderately
											competent rock with
											trace 1cm bands of SBZ
											gouge. Interval is only
											slightly broken
	480.9	481.7			24	163			46	222	Crushed, broken and
											gouged zone is
											moderately calcareous.
											Fault contains 5% gouge.
		511.7			18	294					8cm gouge and crushed
											zone
	512.4	512.5							22	018	3cm gouge band with
											sharp upper and lower
											contacts is oriented at
											a shallow angle relative
											core axis
	513.9	520.6									Strongly broken zone
											supports fracture overwhelmingly
											parallel to, rarely fractures

DDH 90DY045 (2 … 8) CURRAGH RESOURCES INC.

Fault Log

Date: _____ Logged By: E. Zbeetnoff

Code	FROM	TO (At)	Feature	REC.	UPPER Dip Direct	INTERNAL Dip Direct.	LOWER Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
								are oriented at low
								angles relative core axis
								Gouge bands are very
								rare, do not exceed
								5cm and are of variable
								orientation ($\parallel S_2$ => 20°
								to core axis).
	527.3	530.3						Strongly broken zone
								very similar to above
								interval (513.9 - 520.6)
								Gouge zones are very
								rare and do not exceed
								5cm widths.
	532.0	532.7						Strongly broken zone
								locally crushed with
								sporadic gouge. Trend
								of crushed & gouged zone
								is irregular oriented
								slightly oblique to core
								axis
	598.3	605.9				21 N/A	20 N/A	MAJOR FAULT ZONE:
								Hanging wall contact has
								not been cored, fault
								intersected while drilling
								with down hole motor - no
								recovery. Estimate beginning
								of gouge is 597.3 (?) ± abt.
								Intense gouge above bcw. 5
								Intensely crushed below bcw. 5

DDH 90DY045 (2 8) CURRAGH RESOURCES INC. Page 90 of _____

Fault Log Date: _____ Logged By: J. Blackwell

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	
								with gouge throughout. Slicken-
								sides oriented 64° to core
								axis. Extremely well developed
								slip planes near lower
								contact are curved; rotating
								from 20° ⇒ 30° to curved
								axis with well formed
								Slickensides raking from
								60° to 160° with Shear
								Fabric plane.
	605.9	619.6						Broken zone:
								Interval is generally
								very strongly broken, locally
								gouge and intensely crushed
								rarely only moderately broken
								Fractures filled with
								buff white clay ± talc,
								consistently oriented at very
								low angles to core axis are
								very common. Sporadic
								Slickens. do indicate horizontal
								component of movement
	619.6	626.7		18	955	05	020	20 910 Intense Gouge zone:
								Dark gray matrix supports
								10-20% brecciated fragments
								occuring in very strong
								shear fabric as fragile
								Shear fabric is generally
								0-10° to core axis
								rarely upto 20°. Slickensides
								are not common and
								when located indicate

DDH 90DY041 S CURRAGH RESOURCES INC.

Fault Log

Date: Logged By: J. Zbrodnik

Code	FROM	TO (At)	Feature	REC.	UPPER Dip Direct	INTERNAL Dip Direct.	LOWER Dip Direct	Description
1	10 14	18 20	22 24	26	28 32	34 38	40 44	
								Slip directions raking 10-20° within shear fabric
	626.7	636.3						Strongly broken zone: interval is generally strongly broken - often along S2 planes. Rare are zones of moderate broken ground, crushed rock and gouge.
		662.3						END OF HOLE

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DDH 90DY-04 DS CURRAGH RESOURCES INC.

Structural Log

Date: Aug 24/90 Logged By: JAZ

Code	From (metres)	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
S	118	3	PS12				714	micaceous foliation
S	1112	3	PS12				611	micaceous foliation
S	1136	6	PS12				615	$S_1 = S_2$ = foliation + compositional banding
S	1213	3	PS12				619	elongated mafic grains in gyroscenite
S	1215	5	PS12				514	elongated mafic grains in gyroscenite
S	1219	0	CS12	M		211 / 114 10	615	S_1 = compositional banding / S_2 = pressure striping - micaceous folia
S	1310	7	CS12	S		217 / 310 18	610	S_1 = compositional banding S_2 = micaceous foliation
S	1315	5	PS12				312	PS2 — micaceous foliation + elongated mafic grains gouge & shear just above
S	1411	0	CS12	Z		317 / 210 10	616	S_1 = compositional banding S_2 = micaceous foliation
S	1413	2	CS12	S		215 / 314 15	615	S_1 = compositional banding S_2 = crenulation cleavage
S	1418	2	CS12	S		316 / 013 11	717	S_1 = compositional banding S_2 = micaceous foliation
S	1515	0	CS12	Z		010 / 095 14	719	S_1 = compositional banding S_2 = micaceous foliation
S	1517	7	CS12	M		11 / 118 17	617	S_1 = compositional banding S_2 = micaceous fltn
S	1614	6	CS12	S		115 / 110	711	S_1 = compositional banding S_2 = micaceous fltn. crenulation cleavage
S	1618	6	CS12	Z		113 / 119 13	619	" " "
S	1714	8	PS12				614	micaceous fltn
S	1718	5	CS12	D		010 / 314 12	812	S_1 = comp. banding S_2 = crenulation cleavage / micaceous fltn
S	1813	0	CS12	S			714	highly sheared S_1 transposed due to S_2 difficult to measure
S	1816	8	PS12				815	micaceous fltn.
S	1913	0	PS12				712	micaceous fltn.
S	1916	6	PS12				513	micaceous fltn.
	1919	0	PS12				714	breaking pattern in core
	1OH.	2	CS12	M			511	weak micaceous foliation
	111	3	CS12	S		713 / 315	710	S_2 ran [illegible]
	113.	8	CS12	S		219 / 011	716	mic. fltn
	117.	3	CS12	Z (?)		310 / 038	713	mic. fltn
	122	7	CS12	Z		212 / 112	716	mic. fltn
	126	1	CS12	Z		210 / 112	712	
	129	9	CS12	Z		119 / 186	610	
	134	9	CS12	Z		15 / 146	719	[illegible] S_2 [illegible]
	137	9	CS12	Z		310 / 195	619	[illegible] S_2 [illegible]
	142	8	CS12	Z		210 / 157	714	
	147	5	CS12	Z		216 / 335	810	
	151	4	CS12	Z		217 / 296	716	
	15H	5	CS12	Z		209 / 111	618	

CRI 1987 F-4

DDH 90DX04DS (2 8)

CURRAGH RESOURCES INC.

Structural Log

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Date: _____ Logged By: S. Zbeela

Code	From	To	Feature	Sym	L30 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
		158.2	PS2				52	
		160.6	CS2	Z	19	23 190	39	
		168.0	CS1S2	S	19	16 063	84	Poorly defined S1, suspect measurement
		171.0	CS1S2	Z	45	38 246	82	
		176.4	CS1S2	Z	34	31 219	62	
		178.7	PS2				78	
		183.1	CS2	S	32	20 353	76	
		187.9	CS2	Z	145	34 162	75	
		191.4	CS2	S	095	26 097	74	
		197.5	CS1S2	S	N/A	47 335	60	
		201.5	CS2	Z	174	24 175	78	
		204.0	CS2	S	54	16 213	75	
								205.7 - 236.2 : interval drilled with down hole motor - no recovery
		237.0	CS2	Z	N/A	18 235	80	
		239.7	CS2	Z	175	42 162	78	
		244.1	CS1S2	S	044	29 031	81	
		247.0	PS2				44	
		260.0	PS2				69	
		255.0	PS2				66	
		259.7	CS1S2	M	123	05 349	79	poorly defined CS2
		262.1	CS2	M	058	05 014	79	
		269.3	CS2	M	173	03 152	70	
		272.5	CS2	S	11	17 313	84	
		274.4	CS2	Z	27	11 025	71	
		280.2	AS2				74	inconsistent CS2 fabric ?
		282.9	CS2	Z	179	11 128	80	
		287.1	CS2	Z	38	24 220	79	
		293.8	PS2				84	
		297.8	CS2	Z		12 222	80	S1 orientation is variable!
		302.1	CS2	Z		10 232	82	
		305.5	PS2				74	
		309.6	CS2	S	133	16 313	79	
		313.5	PS2				78	
		318.6	CS2	S	87	55 329	85	

DDH 90DX042S CURRAGH RESOURCES INC. Page 94 of

Structural Log Date: Logged By: J. Beckett

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	
		322.5	CS2	S	138	42 117	88	
		324.1	CS2	Z	75	15 279	71	
		331.2	CS2	Z	86	24 252	80	
		335.7	PS2				84	
		339.8	PS2				72	
		344.2	PS2				74	
		348.7	CS2	Z	57	33 265	89	
		351.2	CS2	S	38	47 048	82	
		354.7	CS2	S	145	08 136	75	
		359.1	PS2				81	
		364.3	CS2	Z	57	33 247	80	
		369.4	PS2				80	
		373.1	PS2				78	
		377.5	CS2	M	118	914	83	highly variable S_1 altered!
		383.2	CS2	Z	114	30 112	85	S_2 very irregular
		386.5	CS2	S	T	22 321	77	
		390.1	CS2	Z	45	43 220	78	
		396.1	CS2	Z	82	22 228	53	
		403.0	CS2	S	T	15 094	70	
		408.2	CS2	S	130	20 307	75	
		419.0	CS2	S	071	29 052	84	
		416.6	CS2	Z	030	08 197	83	
		419.6	CS2	S	063	21 035	79	
		425.0	CS2	Z	T	15 159	68	
		429.7	CS2	S	63	14 049	77	
		432.5	CS2	S	152	13 332	83	
		435.1	CS2	S	159	34 010	60	
		439.1	CS2	Z	T	14 195	70	
		445.7	CS2	Z	38	13 201	86	
		450.5	CS2	Z	T	21 200	71	
		454.2	CS2	S	T	18 029	78	
		458.5	CS2	S	29	26 023	60	
		462.8	CS2	S	T	13 958	62	
		465.2	CS2	Z	57	22 248	73	
		470.7	CS2	Z	155	15 220	85	
		475.6	CS2	S	T	17 311	83	

DDH 90DY04DS (2 8) CURRAGH RESOURCES INC.

Structural Log Date: _____ Logged By: D. ZBLEWSKI

Code	From	To	Feature	Sym	L3 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
		478.2	CS2	S	145	22 315	77	
		484.1	CS2	Z	61	21 229	76	
		486.3	CS2	Z	41	12 038	77	
		490.9	CS2	S	22	22 013	84	
		495.0	CS2	Z	92	14 259	79	
		499.7	CS2	Z	64	20 240	83	
		502.5	CS2	Z	28	18 188	76	
		508.1	CS2	Z	—	22 252	78	
		510.6	CS2	S	78	10 032	75	
		514.7	CS2	S	61	44 063	78	
		520.7	CS2	Z	93	22 175	73	
		525.8	CS2	M	73	04 062	72	
		530.9	CS2	Z	70	32 180	62	
		534.8	CS2	Z	32	30 274	64	
		537.8	CS2	S	90	28 040	81	Suspect S_1 reading!
		540.7	CS2	S	47	17 044	69	
		544.6	CS2	Z	52	26 214	72	
		550.2	PS2	—	—	— —	79	
		554.3	CS2	S	—	69 026	67	Upper contact of OIC
		555.9	CS2	S	—	18 303	—	lower OIC contact
F		559.0	—	F	—	90 —	—	Broad open fold oriented
								@ 90° to core axis
		561.6	CS2	Z	149	55 149	76	S_2 fabric related to S_1
		569.0	CS2	Z	148	18 180	78	
		579.9	CS2	Z	171	19 164	73	
		574.8	PS2	—	—	— —	62	
		576.6	PS2	—	—	— —	44	
	580.1	598.3	—	—	—	— —	—	No recovery - drilled
								with down hole motor.
		601.0	PS2	—	—	— —	79	
		605.2	PS2	—	—	— —	73	
		612.0	CS2	S	19	08 345	75	
		618.2	PS2	—	—	— —	60	
		619.0	PS2	—	—	— —	78	
		627.0	PS2	—	—	— —	53	
		631.9	CS2	S	—	21 909	57	

DDH 92DY04DS (2 8) CURRAGH RESOURCES INC. Structural Log

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Date: _____ Logged By: J. Brennan

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	
		1633.9	CS2	S	T	18 017	76	
		1638.4	CS2	S	121	11 025	73	
		1643.8	CS2	Z	T	20 211	77	
		1648.3	CS2	Z	110	23 280	75	
		1651.2	CS2	Z	T	19 222	72	
		1654.7	CS2	Z	122	23 208	53	
		1658.4	PS2				66	
		1662.2	PS2				71	
								END OF HOLE

10cm Top 2 ft.

90 DV-04-DS

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

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGER H. Zbeetnoff INCLINATION _____ ELEVATION _____

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VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
3.7		0.5		0.1				6	E							8	rubble
4.6		0.3		0				6	E							9	rubble
5.2		0.7		0				7	E							11	
6.1		0.85		0.1				6	E							12	
7.3		1.0		0.8				6	E							16	rubble is common
8.2		1.2		0.4				9	F							10	
9.8		1.3		0.2				9	F							18	
11.4		1.7		1.0				10	F							22	
14.6		3.2		1.1				9	F							45	
17.4		2.9		1.8				10	E							27	
19.3		0.8		0.65				10	E ⇒ F							6	
21.3		2.9		0.9				9	E							29	
24.1		2.2		0.6				7	E							17	Locally strongly broken, gouge @ 23.9-24.0
25.2		0.9		0.4				10	E							8	
26.8		1.6		0.85				10	F							18	
29.5		1.6		1.0				10	E							18	
31.0		1.3		0.65				9	F							17	
32.6		2.5		1.35				10	D							29	Very soft @ 31.9 - 32.6
33.5		0.9		0.4				10	E							9	
35.4		1.5		0.5				10	E							25	gouge and rubble @ 34.8 - 35.4
36.0		0.5		0.15				9	E							8	
39.0		3.0		1.3				12	E							29	
40.8		1.8		1.0				10	E							25	
43.9		3.0		1.75				10	E							36	
47.1		3.2		2.1				12	E							26	
50.3		3.2		2.5				10	E							21	
53.3		3.0		2.9				13	E							11	
54.9		1.6		1.4				12	E							8	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILL HOLE NO. 90DY-04-DS COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGED: J. Sketchley INCLINATION _____ ELEVATION _____

PB

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GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
57.9		3.0		2.6				13	F							20	
61.0		3.1		2.6				14	F							16	
64.0		3.0		2.3				12	F							26	
67.1		3.1		2.6				13	F							16	
70.1		3.1		2.4				13	F							24	
73.2		3.0		2.8				14	F							12	
76.2		3.0		2.9				14	F							10	
79.3		3.1		2.65				13	F							14	
82.3		3.0		2.1				13	F							13	
85.3		2.9		2.2				12	F							26	
88.4		3.1		1.85				12	F							22	
91.4		3.0		2.9				14	F							14	
94.5		3.1		2.1				13	F							21	
97.5		3.0		2.2				12	F							22	
100.1		2.3		1.2				10	F							N/A	Very soft 2 gouge below 99.6
101.2		2.4		0				2	F							N/A	Very soft - fault zone
103.3		1.1		0				2	F							N/A	" " fault zone
103.7		1.4		0.1				2	F							N/A	very soft - fault zone above 1 2.9
106.1		1.8		1.1				9	F							20	
106.9		0.5		0.1				7	F							12	
109.7		1.6		1.0				9	F							23	Locally strongly broken ... gouge
112.6		2.9		0.95				9	F							46	
114.9		2.2		1.05				10	F							25	
115.8		0.9		0.6				10	F							11	
118.6		2.9		1.6				10	F							30	
121.8		3.2		1.25				7	F							46	Strongly broken from 120.5 - 121.4
125.0		3.2		1.9				10	F							37	
128.0		3.0		2.6				12	F							14	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 900Y04-DS COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGER J. Ziegel-Hk INCLINATION _____ ELEVATION _____

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VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
—																	
131.1		3.1		2.4				12	F							21	
134.1		3.0		0.1				3	F							27	Fault Subparallel to core axis (crushed
136.6		2.5		1.0				10	E							27	local fault gouge & crushed rock
139.8		3.1		2.0				12	F							25	Local " " " " "
142.8		3.0		2.45				13	F							20	
143.3		0.5		0.3				10	F							5	
146.3		3.0		1.9				10	F							28	
149.4		3.1		1.3				9	F							41	
152.4		3.0		1.6				9	F							49	
152.7		0.3		0				9	F							4	strongly crushed @ 153.4 - 153.8
155.5		2.8		0.2				7	F							51	
157.8		1.9		0.2				10	F							33	
158.5		1.1		0.4				9	F							15	
159.9		1.4		0.1				9	F							28	
161.5		1.4		0.3				7	F							27	
162.9		1.2		0				1	F							N/A	Fault - Gouge with several crushed zones
164.6		1.4		0				2	F							N/A	Fault Gouge and crushed rock
165.8		1.1		0.1				6	F							16	minor crushed zones ≥ 10cm
167.5		1.6		0				6	F							30	Sporadic gouge zones upto 40cm
170.7		3.2		0.4				7	F							64	
173.7		3.0		1.9				12	F							36	
175.6		1.9		1.35				12	F							14	
174.8		3.1		2.35				12	F							27	minor crushed zones at 177.2 & 178.5
182.0		3.2		3.1				13	F							11	
185.2		3.2		2.8				10	F							20	
186.9		0.7		0.7				13	F							2	
189.0		3.1		1.85				12	F							28	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 90-DY-64-03 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE HQ/NQ E _____ PAGE __ of __

LOGGER J. Zbeetnoff INCLINATION _____ ELEVATION _____ P.100

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VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
191.7		2.7		1.0				9	F							38	Strongly broken & crushed 190.9 - 191.7
192.0		0.3		0.1				6	F							8	
193.2		1.1		0.95				13	F							4	
195.1		1.8		0.8				9	F	↑						27	Strongly broken at 193.8 - 194.6
198.1		3.0		1.65				10	F							34	
198.7		0.5		0.35				12	F	HQ						3	
201.2		2.5		1.6				10	F	NQ						25	
203.3		2.3		1.0				10	F	NQ						27	
205.7		2.3		1.0				9	F	NQ						24	205.7 - 236.2 - drilled with downhole motor - no recovery
237.7		1.5		0.55				9	F	HQ							
240.5		2.9		1.35				10	F	↓						19	
242.3		1.8		1.3				12	F							31	
243.5		1.2		1.2				13	F							18	
246.1		2.6		1.5				12	F							4	
247.7		1.6		0.5				7	F							29	Strongly broken below 245.6
248.4		0.7		0.1				6	F							30	Strongly broken interval
249.8		1.4		0				6	F							16	Locally very strongly broken, bad gouge
251.9		2.1		0.65				7	F							37	Very strongly broken and crushed above 249.8
255.1		3.2		1.6				9	F							38	
255.9		0.5		0				7	F							46	
259.1		3.2		1.6				12	F							14	Strongly broken interval
262.1		3.0		2.2				12	F							39	
265.2		3.1		2.85				12	F							23	
268.2		3.0		2.1				12	F							29	
271.3		3.1		2.15				13	F							28	
273.0		2.7		1.2				12	F							27	
274.3		1.3		0.7				10	F							18	
																12	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 90DY6413 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE HQ E _____ PAGE __ of __

LOGGER J. Steenn INCLINATION _____ ELEVATION _____

P.101

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
276.3		1.9		1.0				12	F							22	
279.4		3.1		1.9				13	F							24	
285.5		3.1		2.5				13	F							26	
288.8		3.2		1.9				10	F							35	
291.0		3.2		1.7				9	F							31	
294.2		3.0		1.15				9	F							36	minor local gouge < 5cm
297.1		2.9		1.45				9	F							34	crushed zone below 294.6
298.4		3.2		2.2				10	F							25	Gouge crushed zone above 297.7
301.6		2.3		2.2				10	F							27	
304.8		2.7		1.4				7	F							35	local moderately broken intervals
307.9		3.2		1.7				10	F							25	
310.9		3.1		1.85				10	F							26	
313.9		3.0		1.1				9	F							45	Strongly broken with gouge 312.8 - 313.3
314.9		1.0		0.3				9	F							11	
316.1		1.2		0.1				9	F							22	
316.4		0.3		0				7	F							5	
317.6		1.2		0				7	F							21	Gouge below 317.4
320.0		2.4		0.65				9	F							29	Gouge and strongly broken above 318.5
323.1		3.1		1.9				12	F							33	
326.1		3.0		2.2				12	F							15	
329.2		3.1		1.3				10	F							43	sporadic gouge zone below this
332.2		3.0		2.5				12	F							20	
335.3		3.1		1.4				12	F							20	
338.3		3.0		2.9				4	A							9	
340.6		2.3		1.7				10	F							21	
341.4		0.8		0.6				12	F							3	
344.4		3.0		2.6				12	F							17	
347.5		3.1		2.75				10	F							15	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 90SY04 DS COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGED F. Doerfling INCLINATION _____ ELEVATION _____

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PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY LENGTH	CORE RECOVERY %	RQD LENGTH	RQD %	HARDNESS	DEGREE OF BREAKAGE CATEGORY	DEGREE OF BREAKAGE NO.	DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP DEPTH	BEDDING DIP ANGLE	BEDDING JOINTS NO.	BEDDING JOINTS FREQ.	CROSS JOINTS NO.	CROSS JOINTS FREQ.	COMMENTS
350.5		3.0		1.8				9	F							25	
353.6		3.1		1.35				9	F							+29	broken & gouge below 353.1
356.6		3.0		2.15				12	F							26	
359.7		3.1		3.1				14	F							+	
362.7		3.0		2.8				12	F							12	
365.8		3.1		2.3				10	F							20	
368.8		3.0		1.65				9	F							+31	crushed & gouged 366.6-367.0
371.9		3.1		1.4				7	F							+1	
374.9		3.0		1.7				9	F							26	
375.5		0.6		0.5				14	F							3	
381.0		3.0		1.3				10	F							34	
384.1		3.1		2.5				12	F							23	
387.1		3.0		2.75				12	F							19	
390.1		3.0		2.8				12	F							14	
393.2		3.1		1.65				9	F							35	
396.2		3.0		1.9				12	F							37	
399.3		3.1		2.0				10	F							30	
402.3		3.0		1.6				12	F							25	
405.4		5.1		1.15				10	F							36	Sporadic low angl. faulting <2cm, wk
408.4		3.0		1.9				12	F							25	crushed & 405.65 - 408.8
411.5		3.1		2.25				12	F							30	crushed below 411.3
414.5		3.0		1.5				6	F							+36	gouged and crushed above 413.0
417.6		3.1		2.9				14	F							13	
420.6		3.0		2.7				14	F							21	
378.0		2.5		1.3				10	F							26	
423.7		3.1		2.5				12	F							15	

Fig. 1. Typical rock mechanics core log.

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

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGER _____ INCLINATION _____ ELEVATION _____

P.103

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
426.7		3.0		0.4				6	E							52	
429.8		3.1		1.3				10	E							33	
432.8		3.0		0.7				6	E							46	Locally strongly broken
435.9		3.1		2.3				12	F							18	
438.9		3.0		1.6				10	E							33	
441.5		2.6		0.5				6	F							40	Crushed at 440.2 - 440.6
444.7		3.2		1.7				10	F							25	well healed fault
447.8		3.0		0.7				9	F							39	
451.0		3.2		1.5				10	F							35	gouge at 448.4 - 448.8
454.2		3.2		2.3				10	F							22	
457.2		3.0		2.6				14	F							12	
460.2		3.0		1.6				12	F							29	Locally strongly broken
463.3		3.1		2.8				14	F							14	
466.3		3.0		1.5				10	F							33	
469.4		3.1		1.95				10	F							18	
472.4		3.0		1.3				10	F							31	
475.5		3.1		1.6				10	F							32	
478.5		3.0		2.6				14	E							13	
481.6		3.0		1.75				12	F							27	Crushed and gouged below 480.9
484.6		3.0		0.6				9	F							32	
487.7		3.1		2.775				14	F							17	
490.7		3.0		2.8				14	F							14	
493.8		3.1		2.4				12	F							15	
496.8		3.0		2.5				12	F							16	
499.9		3.1		2.3				12	F							21	
501.7		1.8		1.4				12	F							6	
504.8		3.1		1.9				12	F							26	

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 90DY04 D5 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __

LOGGER M. Sheetuld / L.S. INCLINATION _____ ELEVATION _____

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PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
508.8	3.0	3.0		2.3				12	F							18	
510.8	3.0	3.0		1.5				9	F							32	
513.0	3.1	3.1		1.1				9	F							32	minor bands of gouge (<1cm)
516.6	2.7	2.7		0.3				6	F							71	
519.7	3.1	3.1		0.5				7	F							59	
522.7	3.0	3.0		1.2				9	F							38	
524.0		1.3		0.2				6	F							21	
527.2		3.2		2.2				10	F							26	
530.1		1.9		0				6	F							53	
532.2		2.1		0.8				9	F							41	
535.4		3.2		0.7				6	F							49	Crushed to 532.7
538.6		3.2		1.2				6	F							51	Crushed to 532.4 - 538.0
541.8		3.2		2.4				12	F							23	
545.0		3.2		2.35				10	F							27	
547.8		2.8		2.7				14	F							14	
551.1		3.3		3.2				14	F							17	
554.0		2.9		2.7				14	F							17	
554.7		0.7		0.7				14	F							1	
557.8		3.1		3.0				13	F							9	
560.8		3.0		2.9				14	F							8	
563.9		3.1		2.5				10	F							23	
566.9		3.0		1.3				10	F	HQ						28	
570.0		3.1		0.6				7	F	HQ						59	
571.9		1.7		0.4				7	F	NQ						26	
574.0		2.0		0.5				9	F	NQ						35	
576.1		2.6		0.7				10	F	NQ						24	
577.0		0.9		0.65				12	F	NQ						10	
										NQ							

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 90DV005 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE NQ Southis interval E _____ PAGE __ of __

LOGGER J. Zechmann INCLINATION _____ ELEVATION _____

NQ core only

P.105

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		RQD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
581.1		2.8		2.0				12	E	NQ						30	
X																	580.1 - 598.3 has
																	been drilled with down
598.3																	hole motor - no recovery
598.9		0.35		0				1	F	NQ						N/A	
599.2		0.3		0				1	F							N/A	
600.5		0.7		0				2	F							N/A	
601.4		0.6		0				3	F							N/A	
602.1		0.4		0				3	F							N/A	
603.5		0.6		0.1				3	F							N/A	
604.1		0.3		0				2	F							N/A	
605.3		1.1		0				3	F							22	Common gouge
605.9		0.5		0.3				3	F							12	sporadic gouge
607.5		1.4		0				9	F							26	Minor crushed rock
608.7		1.2		0.55				11	F							13	
610.1		1.3		0.45				9	F							20	
610.7		0.6		0				2	F							N/A	gouge - very common crushed rock
613.6		2.8		0.6				7	F							52	
616.0		2.4		0				7	F							35	clay filled fractures and gouge common
616.9		0.8		0				7	F							29	Sporadic crushed zones
618.4		1.5		0				6	F							31	crushed rock very common sporadic gouge
620.0		1.5		0				6	F							30	gouge + crushed rock below 619.5
622.1		1.7		0.25				1	F							N/A	
623.6		1.5		0				1	F							N/A	
624.5		0.7		0				1	F							N/A	
625.8		1.0		0				7	F							22	gouge above 625.2
626.7		No Ls		0				3	F							N/A	crushed rock + gouged

Fig. 1. Typical rock mechanics core log.

PROJECT _____ DRILLHOLE NO. 701404-05 COORDINATES: N _____ DATE _____ 19__

LOCATION _____ HOLE SIZE NQ thru interval E _____ PAGE __ of __

LOGGER A Doerksen INCLINATION _____ ELEVATION _____ (NQ only)

P.106

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY		ROD		HARDNESS	DEGREE OF BREAKAGE		DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP		BEDDING JOINTS		CROSS JOINTS		COMMENTS
		LENGTH	%	LENGTH	%		CATEGORY	NO.			DEPTH	ANGLE	NO.	FREQ.	NO.	FREQ.	
628.5		1.3		0.5				6	F	NQ						25	Sporadic crushed rock
630.3		1.45		0.15				6	F							46	crushed rock common
631.9		1.3		0.2				9	F							26	
634.3		2.4		0.4				7	F							43	Sporadic crushed rock
634.9		0.6		0				6	F							23	
636.1		1.1		0.1				9	F							31	gouge hardness less than 2 cm common
638.0		1.8		1.1				12	F							22	
641.0		2.9		1.8				12	F							37	
644.0		3.0		2.7				10	F							24	
647.1		3.1		1.7				10	F							30	
650.1		3.0		1.3				9	F							48	
653.2		3.1		1.8				10	F							43	
656.2		3.0		2.5				12	F							23	
659.3		0.9		2.2				10	F							20	
662.3		3.0		1.6				9	F	↓						36	
—	END OF HOLE																END OF HOLE

Fig. 1. Typical rock mechanics core log.

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4520

July 31,1990
Invoice #2792
Drill: *CHD-2

drilling file copy

IN ACCOUNT WITH:

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

Drilling Charges July 19 to 31, 1990 (Faro)

Hole:DY90-01/-45/NQ				
Testing				
4 man hrs.	@ $33.00 per hr.	= $ 132.00		
2 machine hr.	@ $21.00 per hr.	= $ 42.00	$ 174.00	
Casing				
0 - 8 = 8 ft.	@ $30.00 per ft.	=	$ 240.00	
Coring				
8 - 457 = 449 ft.	@ $30.00 per ft.	=	$13,470.00	$13,884.00
Hole: DY90-2/-90/NQ				
Wash Hole				
4 man hrs.	@ $33.00 per hr.	= $ 132.00		
2 machine hr.	@ $21.00 per hr.	= $ 42.00	$ 174.00	
Testing				
2 man hrs.	@ $33.00 per hr.	= $ 66.00		
1 machine hrs.	@ $21.00 per hr.	= $ 21.00	$ 87.00	
Casing				
0 - 10 = 10 ft.	@ $30.00 per ft.		$ 300.00	
Coring				
10 - 490 = 480 ft.	@ $30.00 per ft.	=	$14,400.00	$14,961.00
Hole: DY90-3/-90/NQ				
Cementing				
28 man hrs.	@ $33.00 per hr.	= $ 924.00		
14 machine hrs.	@ $21.00 per hr.	= $ 294.00	$ 1,218.00	
Testing				
4 man hrs.	@ $33.00 per hr.	= $ 132.00		
2 machine hr.	@ $21.00 per hr.	= $ 42.00	$ 174.00	
Casing				
0 - 20 = 20 ft.	@ $30.00 per ft.	=	$ 600.00	
Coring				
20 - 497 = 477 ft.	@ $30.00 per ft.	=	$14,310.00	$16,302.00
		Total Invoice		$45,147.00

NW Casing left in hole to be charged if not retrieved.

left in for pz. installation

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4520

August 15,1990
Invoice #2802
Drill: #CHD-3

copy

IN ACCOUNT WITH:

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

Drilling Charges August 1 to 15, 1990 (Faro)

Hole:DY90-4DS/-90/HQ

Moving				
70 man hrs.	@ $33.00 per hr.	=	$ 2,310.00	
Reaming Casing				
24 man hrs.	@ $33.00 per hr.	= $ 792.00		
12 machine hr.	@ $21.00 per hr.	= $ 252.00	$ 1,044.00	
Testing				
58 man hrs.	@ $33.00 per hr.	= $ 1,914.00		
35 machine hrs.	@ $21.00 per hr.	= $ 735.00	$ 2,649.00	
Tractor				
22 machine hrs.	@ $100.00 per hr.	= $ 2,200.00		
16 man hrs.	@ $33.00 per hr.	= $ 528.00	$ 2,728.00	
Casing				
0 - 8 = 8 ft.	@ $50.00 per ft.		$ 400.00	
Coring				
8 - 610 = 602 ft.	@ $50.00 per ft.	=	$30,100.00	$39,231.00
Truck				
Aug/1				
Mack & Pup 6 hrs.	@ $65.00 per hr.	= $ 390.00		
12 man hrs.	@ $33.00 per hr.	= $ 396.00		
Aug/2				
18 man hrs.	@ $33.00 per hr.	= $ 594.00		
Aug/3				
Mack & Pup 8 hrs.	@ $65.00 per hr.	= $ 520.00		
8 man hrs.	@ $33.00 per hr.	= $ 264.00		$ 2,164.00
		Total Invoice		$41,395.00

E. CARON DIAMOND DRILLING LTD. 7 Houndel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4520

August 31,1990
Invoice #2817
Drill: #CHD-3

copy

IN ACCOUNT WITH:

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

Drilling Charges August 16 to 31, 1990 (Faro)

Hole:DY90-4/-90/HQ-NQ

Moving				
29 man hrs.	@ $33.00 per hr.	=	$ 957.00	
Reaming Casing				
12 man hrs.	@ $33.00 per hr.	= $ 396.00		
6 machine hr.	@ $21.00 per hr.	= $ 126.00	$ 522.00	
Waterline				
58 man hrs.	@ $33.00 per hr.	=	$ 1,914.00	
Courses				
36 man hrs.	@ $33.00 per hr.	=	$ 1,188.00	
Testing				
45 man hrs.	@ $33.00 per hr.	= $ 1,485.00		
22.5 machine hrs.	@ $21.00 per hr.	= $ 472.50	$ 1,957.50	
Standby				
65 man hrs.	@ $33.00 per hr.	=	$ 2,145.00	
Travelling Time				
34 man hrs.	@ $33.00 per hr.	=	$ 1,122.00	
Tractor				
14 machine hrs.	@ $100.00 per hr.	=	$ 1,400.00	
Coring				
610 - 653 = 43 ft.	@ $50.00 per ft.	= $ 2,150.00		
653 - 675 = 22 ft.	@ $48.00 per ft.	= $ 1,056.00	$ 3,206.00	$14,411.50
Items Consumed & Chargeable				
1 pail rod grease	@ $66.25 each	=		$ 66.25
Truck				
Aug/22				
1 Trip with 4000 gal tank and mud		= $ 500.00		
Aug/23				
Mack & Pup 5 hrs.	@ $65.00 per hr.	= $ 325.00		
12 man hrs.	@ $33.00 per hr.	= $ 396.00		
Aug/26				
Mack & Pup 6 hrs.	@ $65.00 per hr.	= $ 390.00		
6 man hrs.	@ $33.00 per hr.	= $ 198.00		$ 1,809.00
		Total Invoice		$16,286.75

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4520

September 15,1990
Invoice *2831
Drill: *CHD-3

file copy

IN ACCOUNT WITH:

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

Drilling Charges September 4 to 15, 1990 (Faro)

Hole:DY90-4/-90/HQ-NQ

Drilling/DYNA				
54 man hrs.	@ $33.00 per hr.	=$ 1,782.00		
27 machine hrs.	@ $21.00 per hr.	=$ 567.00	$ 2,349.00	
Reaming				
90 man hrs.	@ $33.00 per hr.	=$ 2,970.00		
45 machine hr.	@ $21.00 per hr.	=$ 945.00	$ 3,915.00	
Testing				
108 man hrs.	@ $33.00 per hr.	=$ 3,564.00		
50 machine hrs.	@ $21.00 per hr.	=$ 1,050.00	$ 4,614.00	
Standby				
48 man hrs.	@ $33.00 per hr.	=	$ 1,584.00	
Travelling Time				
24 man hrs.	@ $33.00 per hr.	=	$ 792.00	
Coring				
680 - 745 = 65 ft.	@ $48.00 per ft.	=$ 3,120.00		
775 - 1000 = 225 ft.	@ $50.00 per ft.	=$11,250.00		
1000 - 1190 = 190 ft.	@ $53.00 per ft.	=$10,070.00	$24,440.00	$37,694.00
Fireweed Fuel				
Invoice * 6362		=		$ 434.00
		Total Invoice		$38,128.00

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-3424 Fax (403) 668-4520

RECEIVED
OCT - 3 1990
CURRAGH RESOURCES
WHITEHORSE, OFFICE

September 30,1990
Invoice *2838
Drill: *CHD-3

IN ACCOUNT WITH:

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

Drilling Charges September 16 to 30, 1990 (Faro)

Hole:DY90-04DS/-90/H

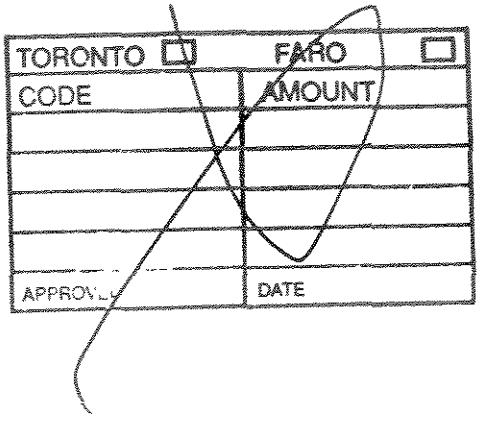
Grease Rods				
18 man hrs.	@ $33.00 per hr.	= $ 594.00		
9 machine hrs.	@ $21.00 per hr.	= $ 189.00	$ 783.00	
DYNA Drilling				
42 man hrs.	@ $33.00 per hr.	= $ 1,386.00		
21 machine hr.	@ $21.00 per hr.	= $ 441.00	$ 1,827.00	
Testing				
33 man hrs.	@ $33.00 per hr.	= $ 1,089.00		
16.5 machine hrs.	@ $21.00 per hr.	= $ 346.50	$ 1,435.50	
Standby				
329 man hrs.	@ $33.00 per hr.	= $ 10,857.00		
118 machine hrs	@ $21.00 per hr.	= $ 2,478.00	$13,335.00	
Coring				
1,190 - 1,870 = 680 ft.	@ $53.00 per ft.	= $36,040.00		
1,870 - 1,903 = 33 ft.	@ $51.00 per ft.	= $ 1,683.00	$37,723.00	$55,103.50

Items Consumed & Chargeable			
3 pails of rod grease	@ $66.25 each	$ 198.75	
Meals Mike Cole & Helper			
4 days x 2 men = 8	@ $50.00 each	$ 400.00	
Propane From Whitehorse			
5 - 100 lbs bottles	@ $51.00 each	$ 255.00	
Fireweed Fuel			
Invoice * 9828		$ 300.00	

Con'tinued →

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4520

Pacific Chrome Invoice #3250	$ 220.00	
Bradley Manufacture Invoice #5080	$ 960.00	
Canadian Freight for Pilot Reamer Invoice #014-06445703	$ 203.74	$ 2,537.49
	Total Invoice	$57,640.99



E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4520

October 15,1990
Invoice #2840
Drill: #CHD-3

IN ACCOUNT WITH:

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

copy

Drilling Charges October 1 to 15, 1990 (Faro)

Hole:DY90-04/DS-90/H

Wedging				
72 man hrs.	@ $33.00 per hr.	= $ 2,376.00		
36 machine hrs.	@ $21.00 per hr.	= $ 756.00	$ 3,132.00	
Reducing				
48 man hrs.	@ $33.00 per hr.	= $ 1,584.00		
24 machine hr.	@ $21.00 per hr.	= $ 504.00	$ 2,088.00	
Reaming Hole				
64 man hrs.	@ $33.00 per hr.	= $ 2,112.00		
32 machine hrs.	@ $21.00 per hr.	= $ 672.00	$ 2,784.00	
DYNA Drilling				
120 man hrs.	@ $33.00 per hr.	= $ 3,960.00		
60 machine hrs	@ $21.00 per hr.	= $ 1,260.00	$ 5,220.00	
Testing				
10 man hrs	@ $33.00 per hr.	= $ 330.00		
5 machine hrs	@ $21.00 per hr.	= $ 105.00	$ 435.00	
Standby				
24 man hrs	@ $33.00 per hr.	= $ 792.00		
12 machine hrs	@ $21.00 per hr.	= $ 252.00	$ 1,044.00	
Coring				
1,970 - 2,000 = 30 ft.	@ $51.00 per ft.	= $ 1,530.00		
2,000 - 2,173 = 173 ft.	@ $55.00 per ft.	= $ 9,515.00	$11,045.00	$25,748.00
Items Consumed & Chargeable				
Fireweed Fuels			$ 1,285.85	
Meals Mike Cole 11 days	@ $50.00 each		$ 550.00	$ 1,835.85
		Total Invoice		$27,583.85

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse. Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4520

October 31,1990
Invoice #2844
Drill: #CHD-3

IN ACCOUNT WITH:

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

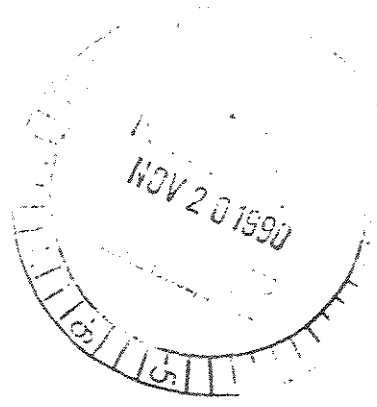
copy

Drilling Charges October 16 to 31, 1990 (Faro)

Hole:DY90-04/DS-90/H			
Fish Rods			
26 man hrs.	@ $33.00 per hr.	= $ 858.00	
13 machine hrs.	@ $21.00 per hr.	= $ 273.00	$ 1,131.00
Casing			
20 man hrs.	@ $33.00 per hr.	= $ 660.00	
10 machine hr.	@ $21.00 per hr.	= $ 210.00	$ 870.00
Reaming Cave			
34 man hrs.	@ $33.00 per hr.	= $ 1,122.00	
29 machine hrs.	@ $21.00 per hr.	= $ 609.00	$ 1,731.00
Waterline			
24 man hrs.	@ $33.00 per hr.	=	$ 792.00
Stand-By			
252 man hrs	@ $33.00 per hr.	= $ 8,316.00	
156 machine hrs	@ $21.00 per hr.	= $ 3,276.00	$11,592.00
Tractor Time D-6			
44 machine hrs	@ $100.00 per hr.	=	$ 4,400.00
Items Consumed & Chargeable			
11 NQ Rods	@ $160.40 each	=	$ 1,764.40
		Total Invoice	$22,280.40

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4520

November 15,1990
Invoice #2851
Drill: #CHD-3



IN ACCOUNT WITH:

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

Drilling Charges November 1 to 15, 1990 (Faro)

Hole:DY90-04/DS-90/H

Moving				
24 man hrs.	@ $33.00 per hr.	=	$ 792.00	
Wedging				
144 man hrs.	@ $33.00 per hr.	= $ 4,752.00		
72 machine hr.	@ $21.00 per hr.	= $ 1,512.00	$ 6,264.00	
Standby				
246 man hrs.	@ $33.00 per hr.	= $ 8,118.00		
118 machine hrs.	@ $21.00 per hr.	= $ 2,478.00	$10,596.00	$17,652.00
Items Consumed & Chargeable				
1 Retainer Plug				$ 862.50
		Total Invoice		$18,514.50

RECEIVED
FEB 20 1991
MINING RECORDERS OFFICE
WHITEHORSE, Y.T.

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-OB-01

Reference Fabric Orientation Diagram:

RECEIVED
FEB 28 1991
MINING RECORDERS OFFICE
WHITEHORSE, Y.T.

Project: DY PROPERTY

Location: ANVIL DISTRICT, FARO, YK.

Claim: _____

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

UTM - 597630.30 E E

Grid Co-ords: _____

Elevation: 839.90 m

All symmetry determinations looking

Total Depth: 9.5 m _____ with _____ dipping

Inclination: VERTICAL _____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

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

Drilling Contractor: E. CARON DIAMOND DRILLING

	Size	CORE From	To
	CASING	0.0	4.6
	HQ	4.6	9.4

Hole Cemented: NO Steel down Hole: NO

Collar Cased and Capped: NO

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90-08-01 (2 — 8)

Date: Dec '90 Logged By: J. Sheet-K

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

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
R	9908 01	0.	0 -90 •	•	AT COLLAR
R			•	•	
R			•	•	
R			•	•

DDH 96 QD - 01
2 8

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Sexton

From	To	Recov.	No.	Unit	Description
10 14	16 20	22 24	26 28	30 34	35
0.0	4.6			111A	CASING (Casing removed)
4.6	7.3			5B0	Very strongly broken, good recovery
7.3	9.4			5B0	moderately broken, good recovery
	9.4				END OF HOLE

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-OB-02

Reference Fabric Orientation Diagram:

Project: DY - PROPERTY

Location: ANVIL DISTRICT FARO YK.

Claim: _____

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

UTM 597639.00 E E

Grid Co-ords: _____

Elevation: 839.7 m

All symmetry determinations looking

Total Depth: 12.5 m

_____ with _____ dipping

Inclination: VERTICAL

_____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

Logged by: J. ZBEETNOFF

Date(s) Logged: _____

Drilling Contractor: E. CARON DIAMOND DRILLING

	Size	CORE From	To
	CASING	0.0	8.2
	HQ	8.2	12.5

Hole Cemented: NO

Steel down Hole: NO

Collar Cased and Capped: N2

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.
Diamond Drill Core Log

DDH 9006-02 (2 / 8)

Date: Dec '90 Logged By: J. Beckett

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8	10 14	22 26	28 32	34 56
R	9006-91	0.0	-90.0	.	AT COLLAR
R			.	.	
R			.	.	
R			.	.

DDH 90-05-02

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: D. Sackville

From	To	Recov.	No.	Unit	Description
10 14	16 20	22 24	26 28	30 34	36
00	8.2			11A	CASING (casing removed)
8.2	10.1			5BO	strongly broken, locally moderately broken, good recovery throughout
10.1	12.5			5BO	moderately broken, good recovery
	12.5				EOH

CURRAGH RESOURCES INC.

Page 1 of 3

DIAMOND DRILL CORE LOG

Date:

Hole Number: 90-0B-03

Reference Fabric Orientation Diagram:

Project: DY PROPERTY

Location: ANVIL DISTRICT FARO YK

Claim:

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

UTM 597622.1 E E

Grid Co-ords:

Elevation: 840.1 m

All symmetry determinations looking

Total Depth: 9.5 m

_____ with _____ dipping

Inclination: VERTICAL

_____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

Logged by: J. ZBEETNOFF

Date(s) Logged:

Drilling Contractor: E. CARON DIAMOND DRILLING

Hole Cemented: NO

Steel down Hole: NO

Assay Lab:

Certificate No's:

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

Collar Cased and Capped: No

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90 QD - 03 (2 / 8)

Date: Dec '90 Logged By: S. Zweich

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

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

DDH 90 05-03
2 8

CURRAGH RESOURCES INC.

Lithologic Log

Page 3 . 3

Date: _____ Logged By: J. Sweetman

From	To	Recov.	No.	Unit	Description
10 14	16 20	22 24	26 28	30 34	35
0.0	6.4			11A	CASING (Casing removed)
6.4	9.4			5BQ	Moderately broken, good recovery
	9.4				EOH

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-0B-04

Reference Fabric Orientation Diagram:

Project: DY PROPERTY

Location: ANVIL DISTRICT FARO YK.

Claim: _____

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

UTM 597628.6 E E

Grid Co-ords: _____

Elevation: 839.2 m

All symmetry determinations looking

Total Depth: 11.0 m

_____ with _____ dipping

Inclination: VERTICAL

_____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BED ROCK

Logged by: J. ZBEETNOFF

Date(s) Logged: _____

Drilling Contractor: E. CARON DIAMOND DRILLING

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

Hole Cemented: NO

Steel down Hole: NO

Collar Cased and Capped: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

_____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90 QB-04 (2 – 8)

Date: Dec '90 Logged By: F. Zseen-[illegible]

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

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

DDH 98 00 04
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: _____ Logged By: S. Beckett

From	To	Recov.	No.	Unit	Description
10 14	16 20	22 24	26 28	30 34	35
0.0	6.4			1.1A	Casing (casing removed)
6.4	8.4			5BO	Strongly broken, good recovery
8.4	16.0			5BO	Moderately broken, good recovery

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-0B-05

Reference Fabric Orientation Diagram:

Project: DY PROPERTY

Location: ANVIL DISTRICT FARO, YK.

Claim: _____

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

UTM 597625.8 E E

Grid Co-ords: _____

Elevation: 831.4 m

All symmetry determinations looking

Total Depth: 12.5 m

_____ with _____ dipping

Inclination: VERTICAL

_____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

Logged by: J. ZBEETNOFF

Date(s) Logged: _____

Drilling Contractor: E.CARON DIAMOND DRILLING

Size	CORE From	To
CASING	0.0	10.4
HQ	10.4	12.5

Collar Cased and Capped: No

Hole Cemented: NO

Steel down Hole: NO

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Page 2 of 3

DDH 90-06-05

Diamond Drill Core Log Date: Dec '90 Logged By: J. Zbcech

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8	10 14	22 26	28 32	34 56
R	9006-01	0.0	-90°	°	AT COLLAR
R			°	°	
R			°	°	
R			°	°

DDH 90 00 05
2 8

CURRAGH RESOURCES INC.

Lithologic Log

Page 3 . 3

Date: _____ Logged By: S. Seeth. ff

From	To	Recov.	No.	Unit	Description
10 14	16 20	22 24	26 28	30 34	36
00	10.4			111A	casing (easily removed)
10.4	12.4			5C9	slightly broken RQD > 90%, interval is suspected to be a Peage block at drift.
12.4	12.5			5B04	Moderately to strongly broken, moderately limonitized
	12.5				EOH

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-0B-06

Reference Fabric Orientation Diagram:

Project: DY PROPERTY

Location: ANVIL DISTRICT FARO YK.

Claim: _____

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

UTM 597631.50 E E

Grid Co-ords: _____

Elevation: 831.10 m

All symmetry determinations looking

Total Depth: 13.9 m

_____ with _____ dipping

Inclination: VERTICAL

_____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

Logged by: J. ZBEETNOFF

Date(s) Logged: _____

Drilling Contractor: E.CARON DIAMOND DRILLING

Hole Cemented: No

Steel down Hole: NO

Assay Lab: _____

Certificate No's: _____

	CORE From	To
Size		
Casing	0.0	10.1
HQ	10.1	13.9

Collar Cased and Capped: No

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90.05-06 (2 / 8)

Date: Dec '90 Logged By: J. Zsrad. H

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

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
R	90.05-06	0.0	-90	. °	AT COLLAR
R			. °	. °	
R			. °	. °	
R			. °	. °

DDH 90.08-06 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: J. Sectuk

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

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-0B-07

Reference Fabric Orientation Diagram:

Project: DY PROPERTY

Location: ANVIL DISTRICT FARO YK.

Claim: _____

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

UTM 597622.50 E E

Grid Co-ords: _____

Elevation: 831.40 m

All symmetry determinations looking

Total Depth: 15.50 m

_____ with _____ dipping

Inclination: VERTICAL

_____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

Logged by: J. ZBEETNOFF

Date(s) Logged: _____

Drilling Contractor: E. CARON DIAMOND DRILLING

CORE Size	From	To
[illegible]	0.0	10.4
HQ	10.4	15.6

Hole Cemented: NO

Steel down Hole: NO

Collar Cased and Capped: No

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 90 08-07

CURRAGH RESOURCES INC.
Diamond Drill Core Log

Date: Dec '90 Logged By: J. Budd

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

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

DDH 90.00.07 (2/8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: D. Sexton

From	To	Recov.	No.	Unit	Description
0.0	10.4			11A	Casing (casing removed)
10.4	13.4			5C94	strongly broken and oxidized.
13.4	15.6			5B9	moderately broken and slightly oxidized.
	15.6				EOH

CURRAGH RESOURCES INC.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90-OB-08

Reference Fabric Orientation Diagram:

Project: DY PROPERTY

Location: ANVIL DISTRICT FARO YK.

Claim: _____

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

UTM 597635.00 E E

Grid Co-ords: _____

Elevation: 847.40 m

All symmetry determinations looking

Total Depth: 7.30 m

_____ with _____ dipping

Inclination: VERTICAL

_____ with dip azimuth _____.

Purpose: OVERBURDEN DETERMINATION

Reason hole Terminated: HIT BEDROCK

Logged by: J. ZBEETNOFF

Date(s) Logged: _____

Drilling Contractor: E. CARON DIAMOND DRILLING

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

Collar Cased and Capped: No

Hole Cemented: NO

Steel down Hole: NO

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Page 2 of 3

DDH 90:08:97

Diamond Drill Core Log Date: Dec '90 Logged By: S. Beck

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

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

DDH 96 08 08
2 8

CURRAGH RESOURCES INC.

Lithologic Log

Date: _____ Logged By: T. McCormack

From	To	Recov.	No.	Unit	Description
10 14	16 20	22 24	26 28	30 34	36
0.0	4.9			11A	Casing (casing removed)
4.9	6.4			5Ba	steeply broken, good recovery
6.4	7.3			5Ba	moderately broken, good recovery
	7.3				EOH

CYPRUS ANVIL MINING CORPORATION

Page 1 of _____

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90DY-10

Reference Fabric Orientation Diagram:

Project: DY DECLINE

Location: DY

Claim: _____

Terr.Plane Co-ords.: 6899446.9 N

597 635.6 E

Grid Co-ords: _____

Elevation: 855.8 m DDH

All symmetry determinations looking

Total Depth: 51.8m

_____ with _____ dipping

Inclination: -90° @ Collar

_____ with dip azimuth _____.

Purpose: TEST ROCK QUALITY ALONG DECLINE

Reason hole Terminated: ADEQUATE DEPTH REACHED

Logged by: L.C.P.

Date(s) Logged: _____

Drilling Contractor: E. CARON DD

CORE Size	From	To
CASING	0.0	6.4
NQ	6.4	51.8

Collar Cased and Capped: No

Hole Cemented: No

Steel down hole: No

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90DY-10 (2 / 8)

Date: _____ Logged By: _____

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

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

DDH 90DG-10

CURRAGH RESOURCES INC.

Page 2 of 8

Lithologic Log

Date: Dec 11/90 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	10	16	6	1	1*	TILL Dominantly boulders of 10AB biotite-hornblende granite with white K-feldspar phenocrysts. Minor pale silvery grey, calcareous phyllite. Recovery about 15% - presumably till would washed away
L	16	121	3	2	151B101	S2 (SDO) MINOR Soft, CS2-foliated, calcareous, pale grey phyllite. Well developed microlithon texture with thin quartz-calcite silt/sand bands/laminae. S2 surfaces are silvery grey, locally with slightly greenish tinge. Core becomes slightly darker grey as go down DDH S2 surfaces in this core pale steely grey. Contains minor thin interbands up to 5cm thick of pale olive green, PS2-foliated, calcareous phyllite. Core moderately broken w/ good recovery. S2 surfaces generally fresh. Broken fracture surfaces locally have thin orange-brown iron oxide staining. No faults HQ cont to 9.1m. Then NQ for rest of DDH
	121	1213	1	3	51D101	(SFO)/(SB2O) 90:05:05 Dominantly soft, PS2-foliated pale olive chlorite-muscovite, calcareous phyllite. S2 surfaces are silvery olive. Contains thin qtz-calcite veins parallel S2 as well as diffuse calcite bands. Interbands of micaceous, thinly banded, olive green calcareous, muscovite-chlorite phyllite (SF) and medium dark grey, calcareous, thinly banded slightly carbonaceous phyllite (SB2). S2 surfaces for SF are silvery olive - S2 surfaces for SB2 are steely grey. Marginal contacts with SD thought. Contacts between SF and SB transitional Core well broken with good recovery, locally minor iron oxide surface coatings on fracture surfaces. No faults

DDH [redacted]-10

2 8 metres

CORRAGH RESOURCES INC.

Page [redacted]

Lithologic Log

Date: Dec 11/90 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	1213	1313		14	SIBIOI2I	
						Soft, calcareous to very calcareous, CS2-foliated, medium-dark green phyllite. S2 surfaces are silvery green to silvery steely grey. Microlithons defined by calcareous phases siltstone bands. Contains minor quartz-calcite veinlets which are locally folded into D2 folds. At 31.7 have 40cm coarse quartz-dolomite veinlets partly brecciated & healed
						Core well broken with good recovery. S2 surfaces mainly fresh. Open fractures typically have thin orange-brown iron oxide staining
	1313	1413		15	SIC161	& @ (SFL) minor
						Soft, medium to dark green, noncalcareous, thickly banded chloritic phyllite. S2 surfaces are irregular dark green. Interval crudely banded with 1cm - 30cm intervals containing 1mm subhedral pale cream anterite (?) phenocrysts. Represents a relict igneous texture. Locally contains 20-50cm intervals of coarse white quartz-white anterite veins.
						TDI - 34.7 consists of homogeneous soft, pale green chlorite-muscovite phyllite. Contains 1cm subhedral pyrite grains. S2 surfaces are silvery cream. Thin interval is locally thinly laminated. Probably mixture of SD and SF
						Core moderately broken. S2 surfaces and fracture surfaces have thin irregular brown iron oxide staining. No faults.
	1413	1415		16	SIF161	
						Soft, pale creamy green, poorly laminated, noncalcareous muscovite-chlorite phyllite. S2 surfaces are silvery cream. Calcite occurs in thin veining veinlets. Contains thick coarse quartz-anterite veins. Poorly laminated, micaceous S2 surfaces suggest unit is metasediment. Lowest contact gradational. Core well broken. No faults. Recovery good

DDH [redacted] 90 [redacted] 10

2 8 metres

CORRAGH RESOURCES INC.

Lithologic Log

Page [redacted]

Date: Dec 11/90 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	1.15	5.11		17	51B1210	
						Medium grey to dark grey, slightly calcareous to calcareous, soft, CS2 - foliated phyllite. 50 sulphide are silvery grey to steely grey. Micro laminations defined by quartz-rich siltstone bands containing minor calcite. Isolated subrounded pyrite porphyroblasts.
						Core moderately broken. Recovery good. No faults.
						Note of mislabelled @ 49.8. About 0.5m core missing.
						EOH = 51.8 metres

C.R.I. 1987 E-3A

DDH 90Dy-10 (2 . 8)

CURRAGH RESOURCES INC.
Structural Log

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
		189	P1S12				710	micaceous foliation.
		1127	C1S12			515 21710	715	S_1 = compositional banding // S_2 = micaceous foliation
		1169	C1S12			010 01010	910	S_1 = banding // S_2 = foliation
		1215					810	phase 2 fold nose in 5D
		1263	C1S12			410 21215	714	
		1308	C1S25			570 01010	710	
		1383	P1S12				910	phase 2 fold nose in 5C
		1457	P1S12				612	micaceous foliation
		1495	C1S125			410 01010	517	S_1 comp. banding // S_2 foliation
								" " "
								EOH = 51.8

DDH 90D4-10 (2 of 8) CURRAGH RESOURCES INC. Page 7 of _____

Fault Log Date: 11 Dec/90 Logged By: LCP

metres

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	
	164	165	1G1					Minor gouge / mud at overburden-bedrock interface
	177	178	1G1					Minor mud gouge
	1311 7	1314 4	2Q1					10-30cm qtz-carbonate veins
	1410 1	1413 9	2Q1					10-30cm qtz-carbonate veins
	164	1512	2B1					Moderately broken
								No faults, no significant gouges
		1418 8	M1					Hole of mislatch. About 0.15m core missing
								EOH = 518

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

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (TO)	LENGTH OF RUN	CORE RECOVERY LENGTH	CORE RECOVERY %	RQD LENGTH	RQD %	HARDNESS	DEGREE OF BREAKAGE CATEGORY	DEGREE OF BREAKAGE NO.	DEGREE OF WEATHERING	ROCK TYPE	BEDDING DIP DEPTH	BEDDING DIP ANGLE	BEDDING JOINTS NO.	BEDDING JOINTS FREQ.	CROSS JOINTS NO.	CROSS JOINTS FREQ.	COMMENTS
3.0	3.0	0.4		0.6				9	E								HQ Overburden
6.4	3.4	0.5		0.1				9									HQ Overburden
7.8	1.4	1.2		0.0				6							3		HQ
9.1	1.3	1.4		0.0				7							2		HQ
11.0	1.9	0.9		0.0				6	E						0		NQ
14.0	3.0	3.0		0.3				7							3		
16.9	2.9	2.6		0.0				7							4		
18.3	1.4	1.4		0.0				7							3		
20.1	1.8	1.1		0.0				7							2		
22.3	2.2	2.1		0.3				7							1		
23.2	0.9	1.0		0.1				9							0		
24.1	0.9	1.1		0.0				7							4		
26.8	2.7	1.5		0.3				7							2		
29.3	2.5	2.2		0.3				7							0		
31.7	2.4	2.9		0.6				9							5		
34.4	2.7	1.9		0.2				9							3		
36.6	2.2	2.2		0.8				9							2		
38.4	1.8	1.8		0.6				9							3		
40.8	2.4	2.7		1.0				9							7		
43.9	3.1	3.1		1.1				9							3		
45.7	1.8	1.2		0.0				9							2		
48.8	3.1	0.9		0.2				7							1		
50.3	1.5	1.6		0.5				9							1		
51.8	1.5	1.3		0.0				7							2		
																	EOH = 51.8

Fig. 1. Typical rock mechanics core log.

CURRAGH RESOURCES INC.

Page 1 of 1

DIAMOND DRILL CORE LOG

Date: Jan. 10/91

Hole Number: 90DY-11

Reference Fabric Orientation Diagram:

Project: DY DECLINE

Location: DY COLLAR

Claim:

Terr.Plane Co-ords.: 6899473.1 N

597638.3 E

Grid Co-ords:

Elevation: 860.0

All symmetry determinations looking

Total Depth: 55.2m

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: TEST ROCK QUALITY ALONG TRACE OF DECLINE

Reason hole Terminated: REACHED REQUIRED DEPTH

Logged by: D. HALLIWELL

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

Drilling Contractor: CARON DIAMOND DRILLING

Hole Cemented: NO

Steel down Hole: NO

Assay Lab: NO SAMPLES TAKEN

Certificate No's: NO SAMPLES TAKEN

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

Collar Cased and Capped: NO

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH EA90D11

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

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

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8	10 14	22 26	28 32	34 56
R	90DV-11		•	•	AT COLLAR
R			•	•	
R			•	•	
R			•	•

DDH 90DY-11 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	00	28		1	1.1.A	GLACIAL OVERBURDEN. No core.
L	28	88		2	1.1.A	GLACIAL OVERBURDEN. Dominantly boulders of 10D quartz diorite with biotite phenocrysts set in a fg-mg groundmass of white plagioclase and quartz and lesser 10EA diorite to granodiorite. Poor core recovery (~35-40%). Presumably till mud washed away.
L	88	100		3	1.1.A	GLACIAL OVERBURDEN. No core.
L	100	238		4	5B0	(5B02) (5B07) 80:19:1 Medium to dark grey. Moderately to strongly calcareous (calcite, mostly). CS_2 foliated. Well-developed microlithon texture. Carbonate ± quartz ± carbonaceous material in siltstone bands/laminae. S_2 surfaces are silvery-grey and rarely black or ochre (limonitic). Fractures are rarely oxidized. Moderately hard. Good to very good core recovery (Mislatch occurred at 140, resulting in 1.8 metre core loss). Upper contact is broken. Lower contact is sharp at CA 50° (parallel S_2). Carbonaceous 5B2 unit is dark grey to black, calcareous and soft, with CS_2 foliation. Unit occurs sporadically within major unit. Fractures are black or ochre (limonitic). Good to very good recovery. Gradational contacts with 5B0 unit.
L	238	248		5	5D1	(5D0) (5D1) 90:10 Olive green, locally white-buff. Moderately to strongly calcareous. Alternately soft (unsilicified) and hard (silicified). PS_2 foliation with siliceous bands subparallel to cross-cutting S_2. Fractures are silvery grey, olive green and ochre (limonitic). Very good core recovery. Sharp upper (CA 50°) and lower (CA 60°) contacts parallel S_2.

DDH 90DY-11 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						Less siliceous unit at 25.1-25.3 is med grey, weakly calcareous and soft. Cut by siliceous veinlet. Sharp upper and lower contacts with SD1 subparallel S_2.
L	248	285		6	5B01	(5B02) 60:40 Medium to dark grey. Moderately to strongly calcareous. CS_2 and locally PS_2 foliated. Moderate hardness. Colour of S_2 surfaces is silvery-grey. S_2 and other surfaces are ochre (limonite). Heavily oxidized (ochre colour) in brecciated section near 28.0 with chloritic fault gouge parallel S_2. Rocks adjacent to breccia and gouge have healed limonitic microfractures. Very good core recovery. Sharp upper contact. More gradational lower contact.
						More carbonaceous, phyllite is dark grey to black, moderately calcareous and moderately hard. It occurs intermittently in zones with gradational contacts into 5B01.
L	285	298		7	5B17	(5B21) 95:5 Medium to dark grey (White to buff when siliceous). Moderately to strongly calcareous. PS_2 foliated. Moderately hard to very hard. S_2 surfaces are silvery grey and ochre (limonite). Largest siliceous zone at 28.75-29.2 contains olive green chlorite blebs. Very good core recovery. Gradational upper and lower contacts subparallel S_2.
L	298	378		8	5B01	(5B02) 90:10 Medium to dark grey. Moderately to strongly calcareous. CS_2 and locally PS_2 foliated. Moderately hard to hard. S_2 surfaces are silvery grey and occasionally ochre (limonite). Trace disseminated pyrite as

DDH 90DY-11 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						subhedral to euhedral crystals (1-5mm.). Very good core recovery. Gradational upper and lower contacts.
						Carbonaceous subunit is dark grey to black, moderately calcareous, soft and occurs intermittently within 5BØ unit. Gradational contacts with 5BØ unit.
L	378	424		9	5D1	(5D1 oxidized) (5D6 (minor to trace, where silicified)) 6Ø:3Ø:1Ø
						Light grey to olive grey. Moderately to weakly calcareous. Moderately hard to hard. Silvery grey and occasionally ochre S_2 and other surfaces. Trace disseminated euhedral pyrite crystals. Good to very good core recovery. Gradational upper contact. Fairly sharp lower contact subparallel S_2. Brecciation at 38.8.
						Oxidized zone at 39.5-41.45. Light grey to olive green with ochre (limonite) stained fractures. Weakly calcareous. Softer. Poorer core recovery, RQD. Contains chloritic, non-calcareous (not even dolomite) 5D6 unit at 40.7-41.0. Sharp upper and lower contacts subparallel S_2. Limonitic clay fault gouge at 41.4.
L	424	465		10	5BØ	(5BØ2) 9Ø:1Ø
						Light to medium grey. Moderately to strongly calcareous. Moderately hard. Silvery grey and ochre (limonitic) S_2 and other surfaces. Trace disseminated pyrite as euhedral crystals (1-5mm). CS_2 foliated. Oxidized zones at 43.9-44.5, 45.2-45.6 with intense limonitization (limonite after pyrite?) and brecciation. Very good core recovery. Sharp upper and lower contacts parallel S_2.
						Carbonaceous bands/laminae are black, calcareous and soft. Gradational contacts.

DDH 90DY-11 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Page 6

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

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	46	47		11	5D1	(100@ [redacted]) → 70:30
						Light grey to olive green. Moderately calcareous. Moderately hard to hard. PS_2 foliation. Silvery grey and ochre S_2 and other surfaces. White to buff silicified bands/laminae and cross-cutting veinlets. Very good core recovery. Sharp upper contact parallel S_2. Gradational lower contact.
						Brecciated weakly calcareous (dolomite) 100@ unit has orange-white angular clasts (5-15mm) set in a light grey matrix. (matrix supported). Very good core recovery. Sharp upper and lower contacts. Wallrock fragments.
L	475	504		12	5BØ	(5BØ2) 90:10
						Medium to dark grey. Moderately to strongly calcareous. Moderately hard. PS_2 foliation. Silvery grey and ochre (limonitic) S_2 surfaces. Ochre stain on other surfaces. Very good core recovery. Gradational upper and lower contacts subparallel S_2.
						Rare carbonaceous submit is blacker, calcareous, softer, and has PS_2 foliation. Gradational contacts with 5BØ.
L	504	522		13	5F1	→5D1 (5DØ) 90:10
						Light grey to olive green (White-buff, where siliceous). Moderately to weakly calcareous. Moderately hard to hard. PS_2 foliation. Silvery grey and ochre on S_2 surfaces. Good to very good core recovery. Gradational upper contact and sharp lower contact both parallel S_2.
						Minor 5D submit at 513-514 is olive green, calcareous and moderately hard. Gradational contacts with 5F1.
L	612	539		14	5C06	(5C16) 80:20

C.R.I. 1987 E-3A

DDH [redacted]-18 — [redacted] RESOURCES INC. — [redacted] — 7

Lithologic Log

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

From	To	Recov.	No.	Unit	Description
10 14	16 20	22 24	26 28	30 34	35
					Medium greyish green (White-buff where silicified). Weakly calcareous. Moderately hard to hard. Silvery grey on fracture surfaces. Weak PS_2 foliation, otherwise massive. Well-preserved igneous texture. Very good core recovery. Sharp upper and lower contacts subparallel to S_2.
					Minor siliceous 5C16 sub-unit has abundant buff-white blobs of quartz. Weakly calcareous. Hard. Siliceous blobs cross-cut weak S_2 foliation.
53	55.2		15	5F6	(5F61) 80 : 20
					Light grey to olive green. Weakly to non-calcareous. Moderately hard to very hard. PS_2 foliation with chloritic bands. Silvery grey and local ochre (limonite) colour on PS_2 and other surfaces. Very good core recovery. Sharp upper contact with 5C6.
					Minor siliceous 5F61 unit is whiter and harder. Very good core recovery. Gradational upper and lower contacts with 5F06.
55.2					END OF HOLE = 55.2m

C.R.I. 1987 E-3A

DDH 90DY-11 (2 8)

CURRAGH RESOURCES INC.
Structural Log

Page 8 of _____

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

Code	From	To	Feature	Sym	B_B L Dip Direct.	S_1 wrt S_2 Dip Direct	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		15.4	CS2	Z	105	15 26	65	
S		22.5	CS2	S	096	20 29	59	
S		~~23.2~~	~~CS2~~	~~Z~~	~~080~~	~~30 30~~	~~65~~	
S		27.2	CS2	Z	098	26 21	61	
S		34.5	CS2	Z	078	14 28	70	
S		40.3	PS2				65	No CS_2's available
S		43.6	CS2	Z	005	82 26	57	Complicated
S		48.4	CS2	S		29 21	61	
S		53.2	CS2	Z			63	

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

Fault Log

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

Code	FROM	TO (At)	Feature	REC.	UPPER Dip Direct (WIN)	INTERNAL Dip Direct.	LOWER Dip Direct (WIN)	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F		28	1GX					minor gouge, clay washed down fracture
F	29	316	2B	9				broken core. little core loss
F	395	399	3B	9				broken core. limonitized. little core loss.
F	419	495	2BG	9				broken core. limonitized minor gouge
F	4		1FG	9	27 230			weak fault: minor gouge, fracture pattern slightly oblique to c.a, weak to moderate oxidation locally. No slickensides

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90 DY -11

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

Run To (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0-40 No	0-40 Rough	0-40 Alt	0-40 Type	40-60 No	40-60 Rough	40-60 Alt	40-60 Type	[illegible] No	[illegible] Rough	[illegible] Alt	[illegible] Type	60-90 No	60-90 Rough	60-90 Alt	60-90 Type	Core Size	Comments
0																							
3.35	0.5	0																					O/B
5.5	0.6	0																				HQ	
8.2	0.3	0																					
8.5	0.2	0																					
10.0	0.2	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
10.4	0.4	0	R2	[illegible]	[illegible]	3	12	6.0	J	2	17	8.0	J					20	20	10	3.0	S	NQ
11.1	0.7	0	R2	[illegible]	[illegible]	2	19	10.0	J	1	12	10.0	J					10	12	3.0	S		
11.6	0.4	0	R3	[illegible]	[illegible]	1	17	10.0	J	0	—	—	—					11	9	6.0	S		
14.0	0.5	0	R2	[illegible]	[illegible]	2	8	3.0	J	4	10	6.0	J					3	9	10.0	S		MISCAVEN
16.8	2.1	0.1	R3	[illegible]	[illegible]	1	12	10.0	J	0	—	—	—					30	9	3.0	S		
17.7	0.8	0.1	R3	[illegible]	[illegible]	1	12	10.0	J	0	—	—	—					15	9	3.0	S		
18.9	1.3	0	R3	[illegible]	[illegible]	1	12	10.0	J	1	8	10.0	J					18	9	3.0	S		
20.1	0.9	0.1	R3	[illegible]	[illegible]	1	10	10.0	J	0	—	—	—					18	6	10.0	S		
22.4	2.2	0.2	R3	[illegible]	[illegible]	1	12	10.0	J	0	—	—	—					50	10	11.0	S		
23.5	1.4	0	R3	[illegible]	[illegible]	1	12	10.0	J	0	—	—	—					30	10	10.0	S		
26.2	2.7	0.5	R3	[illegible]	[illegible]	1	15	6.0	J	2	15	10.0	J					38	10	6.0	S,T		
29.3	2.9	1.2	R3	[illegible]	[illegible]	2	15	[illegible]	J	1	11	10.0	J					27	9	6.0	S		
30.5	1.3	0	R2	[illegible]	[illegible]	1	12	10.0	J	1	8	10.0	J					48	8	6.0	S		
32.3	1.5	0.1	R3	[illegible]	[illegible]	0	—	—	—	2	15	10.0	J					36	12	3.0	S		
35.4	3.1	1.45	R3	[illegible]	[illegible]	0	—	—	—	1	9	10.0	J					33	8	6.0	S		
36.9	1.8	0	R3	[illegible]	[illegible]	2	12	8.0	J	0	—	—	—					40	10	3.0	S		
38.4	1.3	0.2	R3	[illegible]	[illegible]	1	11	10.0	J	0	—	—	—					20	9	6.0	S		
41.45	2.8	1.4	R3	[illegible]	[illegible]	2	15	10.0	J	0	—	—	—					36	12	6.0	S		
44.5	3.1	1.4	R3	[illegible]	[illegible]	3	12	10.0	J	2	15	10.0	J					30	10	10.0	S,T		
47.5	3.0	1.8	R3	[illegible]	[illegible]	3	12	10.0	J	1	12	10.0	J					22	10	10.0	S		
50.3	2.7	0.4	R3	[illegible]	[illegible]	2	15	10.0	J	1	8	10.0	J					45	11	6.0	S		
52.3	2.1	0.7	R3	[illegible]	[illegible]	0	—	—	—	3	12	10.0	J					25	14	6.0	S		
53.6	1.3	0.9	R4	[illegible]	[illegible]	0	—	—	—	3	12	10.0	J					9	9	10.0	J		
55.2	2.0	0.1	R3	[illegible]	[illegible]	1	12	6.0	J	3	11	10.0	J					26	12	6.0	S		

EOH

CYPRUS ANVIL MINING CORPORATION

Page 1 of _____

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90DY-12

Reference Fabric Orientation Diagram:

Project: DY DECLINE

Location: DY

Claim: _____

Terr.Plane Co-ords.: 6899519.1 N

597641.4 E

Grid Co-ords: _____

Elevation: 865.03 m dcv

All symmetry determinations looking

Total Depth: 68.9m

_____ with _____ dipping

Inclination: -90 @ Collar

_____ with dip azimuth _____.

Purpose: TEST ROCK QUALITY ALONG DECLINE

Reason hole Terminated: Adequate depth reached

Logged by: J. Zbetnoff

Date(s) Logged: _____

Drilling Contractor: E. CAIRON LTD

	CORE Size	From	To
	CASING	0.0	9.8
	NQ	9.3	68.9m

Collar Cased and Capped: No

Hole Cemented: No

Steel down hole: No

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH _____ (2–8)

Date: _____ Logged By: _____

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

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

DDH 90DY-12 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

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

Cod	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
L	00	98		1	1 1 1 A1	CASING: Overburden
L	98	133		2	5 1 C Ø 8	Medium greyish green. Weakly calcareous. Calcareous rock. PS, foliated with moderately well-preserved igneous texture. Unit hosts 25-30% strongly altered (± calcite, clay) feldspar phenocrysts (1-2 mm). Unit is moderately to strongly chloritized. Interval is moderately broken and soft. Fractures are rarely oxidized. Recovery is good. Upper contact is broken. Lower contact is sharp, parallel S_2.
L	133	160		3	5 1 F 6 1	→ 5DØ (5DØ) 98:02 Greyish olive-green. Very weakly calcareous to non-calcareous. Slightly to moderately silicified. CS_2 foliated rock tends towards 5DØ. 5DØ occurs at 13.3, 13.5 and is medium olive green. Moderately to slightly foliated. Slightly calcareous. 5DØ contacts are sharp and parallel S_2. Interval is moderately to strongly broken, hard, with good recovery. Colour of S_2 surfaces are medium green and very rarely oxidized. When oxidized, oxidization is very weak. Interval contains Ø-2% clotty pyrite (1-2 mm).
L	160	185		4	5 1 G 6 1 $	Medium greenish and medium grey, moderately dolomitic rock is PS, foliated and possesses a moderately well-preserved igneous texture. Unit contains 10-35% dolomitized and clay-altered? feldspar phenocrysts (1-3 mm). Interval is moderately to strongly broken with moderate limonite along fractures. Recovery is good. Upper and lower contacts are sharp and

DDH 90DY-12 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Page 4

Date: JAN '91 Logged By: J. Zseda. H

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						parallel S_2
	18.5	19.6			SBQ	(SQQ → SFO)
						SBQ is medium to medium light gray strongly calcareous CS_2 foliated and hosts trace - 1% Py. SQQ → SFO is medium green to slightly olive green strongly calcareous and BS_2 foliated. All contacts are sharp and parallel S_2. All units are slightly soft and moderately to strongly broken. Recovery is good. Upper and lower contacts are sharp and parallel S_2
	19.6	21.3			SCQLS	Medium to light grayish green, weakly calcareous rock contains a moderately well preserved igneous texture. Interval hosts 0-30% altered feldspar phenocrysts (clay / dolomite), 0-5% leucoxene (?) and moderate oxidation along sporadic fractures. Rock is moderately broken, moderately soft with good recovery. Upper and lower contacts are sharp and parallel S_2

C.R.I. 1987 E-3A

DDH 90DY-12 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN '91 Logged By: J. Sheehan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	21.3	35.6			580	→ 5802 (500) · 99:01
						Medium gray to slightly medium darkish gray moderately locally weakly, calcareous phyllite is generally CS_2 foliated. Unit is generally strongly broken with sporadic very strongly broken, rarely crushed intervals < 30cm wide. Oxidation is sporadic and weak, limited to fracture surfaces. Trace - 1% By 500 occurs at 21.3 to 21.5 and is moderately calcareous PS_2 foliated and medium green to medium olive green.
						All units are generally slightly soft, strongly broken with good recovery throughout. All contacts are sharp and parallel S_2
	35.6	36.7			500	(500) 60:40
						Medium to medium dark green unit is fine grained massive moderately calcareous and contains a very weak PS_2 foliation. A very weak igneous texture exists. lowest 40% of interval consists of medium green to slightly olive green, weakly to moderately calcareous 580 580:500 contact is sharp and parallel S_2. Rocks are moderately soft, moderately to slightly broken recovery is good. Upper contact is sharp and parallel S_2. Lower contact is sharp and fault bound. Lower contact is

C.R.I. 1987 E-3A

DDH 90DY-12 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN '91 Logged By: S. Sheehan

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						oriented @ 145°/28° relative S_2
	36.	41.2			5CS	± * ± moderate oxidation
						Medium to medium dark green moderately dolomitic, rarely moderately calcareous unit contains a well preserved igneous texture overprinted by a strong S_2 fabric. Rock contains 5-15% altered feldspare crystals (2-3mm, dolomite & clay). Oxidation is common, generally pervasive, moderate & locally strong. Upper 60cm contains a strong shear fabric and is faulted with 10cm of gouge. Rock is moderately soft, moderately broken, locally very strongly broken and strongly oxidized on fractured surfaces. 20cm of core missing. Upper contact is fault bound and oriented @ 145°/28 relative to S_2. Lower contact is sharp and parallel S_2
						Below 40.4 displays moderately tight folding with axial planes subperpendicular CA. Igneous texture is very poorly preserved to non-distinguishable.
	41.2	45.			5BO	(5FO) 98:02 ± oxidized
						Medium gray strongly calcareous phyllite is CS_2 foliated and locally moderately oxidized. Interval

DDH 90DY-12 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN '91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						is very strongly broken and oxidized along fractures and within rock at 41.4 - 42.1. Oxidized interval is moderately to locally strongly calcareous STO occurs as cm - dm scale alteration along a single cm quartz calcite vein at 44.4 Unit hosts 2-5% dm - cm scale quartz calcite veins. Rock is slightly salt, generally moderately to strongly broken, recovery is good. Upper and lower contacts are sharp and parallel S_d
	45.4	48.2			5804	moderately to strongly oxidized medium grayish rusty brown very weakly calcareous phyllite is PS_2 foliated and moderately to strongly oxidized throughout. Unit hosts 10% irregular well healed calcite-bearing fractures of variable but low angles to core axis. Unit is very strongly broken and locally crushed and gouged below 47.2. Core is generally moderately broken recovery is good Upper contact is sharp and parallel S_d. Lower contact consists of 5cm of gouge.

DDH [redacted] 92 [redacted] CURRAGH RESOURCES INC. Page [redacted]

Lithologic Log

Date JAN '91 Logged By: J. Sweetman

Code 1	From 10–14	To 16–20	Recov. 22–24	No. 26–28	Unit 30–34	Description 35
	48.5	51.6			5B9	Oxidized Medium gray slightly to moderately rusty brown, moderately to strongly calcareous phyllite is CS_2 foliated. Oxidation becomes strong along fractures locally. Core is slightly hard to slightly soft, moderately broken with good recovery. Upper contact is marked by 5cm of gouge, lower contact is sharp and parallel S_2.
	51.6	58.6			5B0	± oxidation Medium to medium light gray strongly to moderately calcareous phyllite is $PS_2 \Rightarrow CS_2$ foliated. Oxidation is sporadic (15-20% of interval) and is weak, patchy, moderate. Unit is moderately broken locally strongly to very strongly broken. Oxidation shows no correlation with degree of breakage. Shear textures are weak and very sporadic. Rock is moderately soft and varies in degree of breakage with strongly to very strongly broken sections at 52.0–52.7, 53.8–54.4 & 57.2–58.6. Recovery is generally good. Upper and lower contacts are sharp and parallel S_2

C.R.I. 1987 E-3A

DDH [redacted]-MOD-12 — CORRAGH RESOURCES INC. — Page 9

Lithologic Log

Date: JAN '91 Logged By: I. Zbednath

Card 1	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
	58.2	59.0			5BS	
						Rock is tan-rusty brown, moderately to strongly dolomitic and has a moderate to weak S_2 fabric overprinted by a weak brecciated fabric. Unit hosts 15-20% quartz calcite stringers on the cm scale. Rock is moderately to slightly broken with good recovery. Core is slightly to moderately soft. Upper contact is sharp and parallel S_2. Lower contact is sharp and oriented 010°/40° relative to S_2.
	59.0	68.2			5BO	± moderate oxidation (5B1614) (98:02) Medium to medium gray, locally slightly rusty brown, moderately to strongly calcareous phyllite is generally S_2 foliated, rarely CS_2. Unit is variably oxidized, generally moderately to weakly. 30-40% of interval is oxidized. At 65.9-66.2 unit is strongly altered to sericite and sporadically silicified, with upper contact parallel a steep (30° TCA) S_2. Lower alteration contact is irregular. Calcite filled fracture networks are common (~7-10% of interval). Rock is slightly soft, moderately broken, rarely strongly broken. Recovery is good. Upper contact is sharp and parallel S_2. Lower contact has not been cored. Last 20cm of interval is strongly oxidized and strongly calcareous.
	68.2	68.7				END OF HOLE

C.R.I. 1987 E-3A

DDH 90DX-12 (2 / 8)

CURRAGH RESOURCES INC.
Structural Log

Date JAN '91 Logged By: J. Zuccolin

Code	From	To	Feature	Sym	α / β L3 Dip Direct.	S1 Dip Direct.	S2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
	111.	3	PS2				80	
	151.	8	CS2	S		20 020	75	
	231.	3	RS2				82	
	291.	1	CS2	S	095	26 345	74	
	321.	9	CS2	Z	008	16 167	70	
	401.	5						FOLD - axial plane 90°/CA
	401.	2						FOLD - axial plane 90°/CA
	441.	4	CS2	S		20 310	58	
	501.	7	CS2	S	075	16 050	74	
	551.	3	PS2				62	
	621.	5	PS2	Z		12 141	78	
	641.	4	PS2	S		10 306	73	
								End of hole.

DDH GDY-12 (2 8)

CURRAGH RESOURCES INC.
Fault Log

Page _____ of _____

Date: JAN '91 Logged By: J. Sherlock

Code	FROM	TO (At)	Feature	REC.	UPPER Dip Direct.	INTERNAL Dip Direct.	LOWER Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
	0	36.7						No faults recorded
								strongly broken parallel S_2 at 21.3 - 29.3
	36.7	37.2			28 145	16		Weak fault: upper contact consists of 10cm gouge, balance of interval is moderately competent with strong shear fabric and only moderate breakage
	517.0	517.5			36 000			Very weak shear fabric: moderate to strong breakage along shear fabric
		618.9						END OF HOLE

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90 DY - 12

Units: Feet / Metres Date: JAN '91 Logged By: J. Sparkman Page ____ of ____

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

CYPRUS ANVIL MINING CORPORATION Page 1 of _____

DIAMOND DRILL CORE LOG Date: _____

Hole Number: 90DY-13

Reference Fabric Orientation Diagram:

Project: DY DECLINE

Location: DY

Claim: _____

Terr.Plane Co-ords.: 6899574.4 N

597645.8 E

Grid Co-ords: _____

Elevation: 874.22

All symmetry determinations looking

Total Depth: 100.6 m _____ with _____ dipping

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

Purpose: TEST ROCK QUALITY ALONG TRACE OF DECLINE

Reason hole Terminated: Appropriate depth reached

Logged by: J. Zbetnev

Date(s) Logged: _____

Drilling Contractor: E. CAMSOM DD

	Size	CORE From	To
	CASING	0.0	16.5
	_____	16.5	100.6
	_____	_____	_____

Collar Cased and Capped: _____

Hole Cemented: NO

Steel down hole: NO

Started: _____ Completed: _____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 90DY-13 (2 8)

Date: _____ Logged By: _____

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

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

DDH 90A-19 P 3

CORRAGH RESOURCES INC.

Lithologic Log

Date: JAN 91 Logged By: J. Zbeetnoff

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	0.0	16.			1 1 1 A	CASING: Sand rubble and 10% boulders commonly 15-20 cm thick. CASING removed.
	16.	17.			5B0	2 Medium to medium dark gray phyllite is moderately calcareous, slightly carbonaceous and contains a well developed CS_2 fabric. Rock is moderately to moderately-strongly broken, recovery is good. Rock is moderately hard to slightly hard. Upper contact is broken, lower contact is sharp and parallel S_2.
	17.	22.			5C6	(5D6) 97:03 Medium grayish green unit is non-calcareous weakly foliated and often hosts 2-5 cm bands of 5D6. Two rock types indicate broad open folding through 19.2-20.7. 5C6 hosts 10-30% very fine grained buff mineral - leucoxene(?) and 0-5% 1-2mm chloritized mafic minerals stretched into wisps along S_2. Internal contacts are sharp. Rock is slightly hard to slightly soft, generally strongly broken, rarely crushed and very slightly broken through 19.2-22.0. Recovery is good. Upper and lower contacts are sharp and parallel S_2

C.R.I. 1987 E-3A

DDH 90DX-13 (2 8) CURRAGH RESOURCES INC. Page 4

Lithologic Log

Date: JAN '90 Logged By: Z Bentall

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	38
	22.0	33.9			5BQ	(5BQ2) 80:20. Medium to slightly medium dark gray, moderately to slightly strongly calcareous phyllite is CS, foliated. Unit hosts 1% clotty Py and 0-2% quartz-calcite stringers of variable orientation. Oxidation is sporadic and weak over 27.5 - 31.5. 5BQ2 units are weakly to very weakly carbonaceous and are commonly 3-5cm wide. Contacts are parallel S_2 and sharp. All units are moderately soft, moderately broken with good recovery throughout. Upper and lower contacts are sharp and parallel S_2
	33.9	33.9			5CQ	(5DQ) 60:40 Medium green to medium light grayish green units are moderately, locally slightly calcareous, PS_2 foliated and either contain a weakly preserved igneous texture (5CQ) or are massive (5DQ). 5DQ occurs uniquely at 33.6 - 33.9. All units are slightly hard and moderately broken, recovery is good. All contacts are sharp and parallel S_2.

C.R.I. 1987 E-3A

DDH 90DY-13 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN' 91 Logged By: J. Sherratt

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
	33.	40.2			5B0	(5B20 : 5B2 : 5D0) 74:15:10:01
						Color varies from medium gray to dark gray. All
						units are strongly calcareous rarely moderately calcareous
						P_g foliation is more common than S_g. Oxidation
						is common over 35.9 - 39.6. Oxidation is
						generally weak, rarely moderately, very rarely strong. Strong
						oxidation occurs over widths < 2 - 3cm.
						Carbonaceous content varies greatly in bands on
						the cm scale, very rarely over the dm scale,
						within 5B0 unit. 5D0 occurs at 34.5 - 34.6.
						Contacts with 5D0 and 5B2 are sharp and
						parallel S_g. 5B20 contacts are commonly gradational
						with 5B0 and 5B2.
						All units are moderately to slightly soft,
						moderately to strongly broken with good recovery
						throughout. Upper and lower contacts of interval
						are sharp and parallel S_g.
	40.2	50.6			5G0	(5D0) 95:05
						Medium green moderately locally strong calcareous
						unit contains a well preserved igneous texture
						with 5 - 10% 1-2mm weakly chloritized mafic
						clots slightly elongated parallel a weak to moderate
						P_g fabric. Unit hosts trace - 20% fine grained

DDH 1057-15 (2 8)

CORRAGH RESOURCES INC.

Lithologic Log

Page 6

Date: JAN'91 Logged By: I. Seethaler

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						lvc cavern (?), and rare bands (5cm) of 500.
						500 also occurs at the upper contact at 40.0 - 40.4.
						500 are also moderately calcareous. Rocks
						vary from slightly hard to slightly soft and
						is typically slightly broken. Oxidation is very
						rare <5cm and is moderately strong or less.
						all contacts are sharp and parallel S_0.
	50.6	51.9			5001	(5F01: 5C0) 70:25:05
						Medium light green to medium light olive green, moderately
						calcareous rock is commonly A_S, foliated, rarely C_S
						foliated. Difficulty exists in determining the difference
						from 5F0 and 500. A single band of 5C0 with
						a well preserved igneous texture exist at 50.9 to
						51.0. All units except 5C0 are moderately to
						strongly silicified above 51.5. Rock is
						generally hard and slightly broken; moderately
						broken and slightly to moderately soft where
						silicification is absent. Upper and lower contacts
						are sharp and parallel S_0.

C.R.I. 1987 E-3A

UDH 90-15 — GORRACH RESOURCES INC. — Page 7

Lithologic Log

Date: Jan '91 Logged By: E. Eberdruff

Code	From	To	Recov.	No.	Unit	Description
	51.8	59.4			SBO	(SEO) 95:05. Medium to medium light gray, strongly, locally intensely calcareous (SEO) commonly CS_2, foliated locally BS_2 foliated phyllite is very sporadically oxidized oxidation is very weak where present. Intensely calcareous bands are from 1.5 to 4.0 cm wide, contain sharp contacts and are parallel S_1. SBO units are moderately soft, SEO are slightly soft. Interval is moderately broken, recovery is good. Upper and lower contacts are sharp and parallel S_2
	59.	60.			SFO	±1 Medium grayish green, moderately to strongly calcareous phyllite is generally weakly CS_2 foliated (ie $CS_2 \approx BS_2$). Silicification is moderate and limited to rocks below 59.8. Non-silicified rocks are slightly soft silicified rocks are hard. Interval is slightly broken with good recovery. Upper and lower contacts are sharp and parallel S_2.
	60.	66.9			SGO	Medium green, moderately to strongly calcareous unit contains a well preserved igneous texture. Unit

C.R.I. 1987 E-3A

DDH 90DY-13 (2 8)

CORRAGH RESOURCES INC.

Lithologic Log

Date JAN 91 Logged By: J. Zecevic

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						hosts 3-7% 1-3mm · weakly chloritized mafic minerals elongated parallel to the weak to rare moderate PS_2 fabric. Leucoxene is common constituting 5-10% of unit. Oxidation is sporadic and commonly weak, very rarely moderate. Interval is slightly broken with good recovery throughout. Upper contact is sharp parallel S_2 and is represented by a strong PS_2 fabric and fine grained nature over 25cm (500') Lower contact is sharp and parallel S_2
	66.5	167.5			5T9	(500) 70:30 Medium light green moderately calcareous interval consists of PS_2 foliated 5B0 above 67.1 and CS_2 foliated 5T0 below. Rock is moderately broken with good recovery. Both units are slightly soft. All contacts are sharp and parallel S_2
	167.5	182.4			5B0	± → 5B02 (5820) ← 85:15 Medium to slightly medium dark gray, strongly calcareous phyllite is generally very weakly carbonaceous, although not enough to allow the 5B02 definition. Unit is commonly CS_2 foliated and hosts 3-5% quartz calcite veinlets and clots of variable orientation. Oxidation

DDH [redacted]-905-[redacted] CURRAGH RESOURCES INC. Page 4

Lithologic Log Date: JAN 91 Logged By: [redacted]

From	To	Recov.	No.	Unit	Description
					is rare and weak. Py is rare <1%. Rock is moderately soft, moderately broken, rarely strongly broken. Minor gouge occurs in 3-4cm bands at 77.9-78.3. Upper and lower contacts are sharp and parallel S_0
84.2	100.7			1500	Medium green, strongly calcareous unit contains a very well preserved igneous texture with a weak to slightly moderate PS_0 fabric. Unit contains 3-10% weakly chloritized 1-3mm matic grains and trace-20% leucocrene (<1mm). Interval is slightly soft, slightly broken rarely strongly broken. At 96.6 to 97.9 40% of interval is strongly broken and moderately oxidized along fracture planes. Recovery is good throughout. Upper contact is sharp parallel S_0 and noted as containing a very strong PS_0 fabric and a very poorly preserved to not recognizable igneous texture over 0.6m, (possible sill?) Lower contact has not been cored.
	100.7				END OF HOLE

C.R.I. 1987

DDH 90DX-13 (2 8)

CURRAGH RESOURCES INC.
Structural Log

Date: JAN '91 Logged By: Z Szeckalff

Code	From	To	Feature	Sym	B_0 L 3 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
		19.	(?)	M				Open folds at 500/5100 assumed to be S_2 related? Fold axial plane @ ~90° TCA.
		27.	CS2	S	023	20 345	65	
		30.	PS2		006		74	Cookie S_1
		34.	PS2				70	
		49.	PS2				62	
		461.	PS2				80	
		54.	CS2	S		22 323	70	
		581.	PS2				73	
		651.	PS2				75	
		701.	CS2	S		15 021	81	
		761.	CS2	S		11 329	811	
		791.	CS2	S		11 005	49	
		87.	PS2				55	
		921.	PS2				46	
		97.	PS2				52	
								End of Hole @ 100.6

DDH 90Y-13 (2 of 8)

CURRAGH RESOURCES INC.

Fault Log

Date: JAN '91 Logged By: E Zbeetn. H

Core	FROM	TO (At)	Feature	REC.	UPPER Dip Direct	INTERNAL Dip Direct.	LOWER Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
	0.0	77.9						Minor broken ground.
								No faults recorded
	77.9	78.3			42 190 SP			Minor gouge bands
								(2-3cm) wide.
	78.3	100.6						No faults recorded
								End of hole

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-13

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

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0-40 0-30				30-60 40-60				50-90				60-90 70-90				Core Size	Comments
						No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
0				—																			
6.4	0.6	0		—																		HQ	Overburden
7.3	0.3	0		—																		"	
7.6	0.8	0		—																		HQ	
8.1	0.2	0		—																		NQ	
9.3	0.4	0.2		—																			
10.4	0.2	0		—																			
10.7	0.2	0.1		—																			
14.0	0.2	0		—																			
15.5	0.1	0		—																			
16.3	0.2	0		—																			
16.8	0.8	0	R2	6	1	1	8	6	J	—								4	10	6	J		
18.1	1.2	0.1	R2	7	1	2	10	6	J	—								16	8	6	J		
19.2	0.9	0.1	R3	7	1	2	20	6	J	—								13	20	6	J		
21.9	2.9	1.4	R3	12	1	2	15	10	J	3	15	10	J					18	8	10	J		Strongly broken below 20.9
23.0	1.1	0.1	R2	7	1	—				—								19	8	6	J		
26.2	3.2	1.2		9	1	—				—								45	9	6	J		
27.6	1.1	0		6	1	—				3	15		J					20	9	6	J		
29.3	1.7	0		7	1	2	15	6	J	—								24	8	6	J		
32.3	3.0	1.0		9	2	2	8	6	J	—								46	8	6	J		
33.8	1.5	0.3		9	1	1	10	6	J	—								27	8	6	J		
36.3	2.5	0.1		9	2	—				—								41	8	10	J		
38.4	2.1	0.7		9	2	2	15	6	J	—								27	8	6	J		
40.1	1.1	0.1		6	3	1	8	10	J	—								82	8	10	J		
43.3	3.2	2.1		11	1	2	20	6	J	2	20		J					18	20	6	J		
46.5	3.1	2.3		11	2	1	18	6	J	1	18		J					20	18	6	J		
49.7	3.2	2.0		11	1	1	18	6	J	1	18		J					25	18	6	J		
52.9	2.9	1.6	R2/R3	9	1	—				—								34	9	10	J		
56.1	3.1	1.5	R2	10	2	2	8	6	J	—								35	8	6	J		
58.1	2.0	0	R2	7	3	4	12	10	J	—								41	12	10	J		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-13

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

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES 0-40				40-60				50-70				60-90				Core Size	Comments
						0-30 No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type	No	Rough	Alt	Type		
61.3	3.2	2.4	R2	12	1					1	15	6	J					17	15	6	S	NQ	
64.5	3.2	2.7		12	1													10	15	6	S		
67.7	3.2	2.0		11	1					3	15	6	J					14	15	6	S		
70.6	2.9	0.4		17	2													42	10	10	S		
73.9	3.2	0.7		9	1	2	12	6	J	1	12	6	J					37	12	6	S		
77.0	3.1	1.3		9	1	1	12	6	J									29	12	6	S		
78.3	1.2	0.1		9	1													18	10	10	S		Minor gaps 62 to 77.9
80.3	2.0	0.2		9	2													33	12	10	S		
82.4	2.0	0.3		9	2					2	13	6	S					25	13	10	S		
85.0	2.8	1.4		11	2	4	14	6	J	2	14	6	J					22	14	6	J		
87.6	2.6	2.0		13	1	2	18	6	J	5	18	6	J					5	18	6	S		
90.8	3.2	2.9		13	1					3	18	6	J					7	18	6	S		
94.0	3.2	2.2		13	2	2	18	6	J	2	18	6	J					5	18	6	S		
97.2	3.3	2.4		13	2	3	10	6	J	1	10	6	J					11	10	6	S		
98.45	1.3	0.6		11	3	2	18	6	J									8	18	6	S		
100.6	2.1	1.4	V	12	2	2	18	6	J									17	18	6	S	V	
EOH																							

CURRAGH RESOURCES INC.

Page 1 of ____

DIAMOND DRILL CORE LOG

Date: Jan. 13/91

Hole Number: 90DY-14

Reference Fabric Orientation Diagram:

Project: DY DEPOSIT

Location: DY COLLAR

Claim: ____

Terr.Plane Co-ords.: 899673.90 N

597653.60 E

Grid Co-ords: ____

Elevation: 884.39

All symmetry determinations looking

Total Depth: 125.0 m

____ with ____ dipping

Inclination: VERTICAL HOLE

____ with dip azimuth ____.

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

Reason hole Terminated: HOLE REACHED PREDETERMINED DESIRED DEPTH

Logged by: D. HALLIWELL

Date(s) Logged: JAN. 13/91

Drilling Contractor: CARON DIAMOND DRILLING

Hole Cemented: NO

Steel down Hole: NO

Size	CORE From	To
NQ		

Collar Cased and Capped: ____

Assay Lab: NAL

Certificate No's: N. A.

Started: ____ Completed: ____

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH _____ (2 – 8)

Date: _____ Logged By: _____

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

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			•	•

DDH 90DY-14 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

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

Sym	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	36
L	00	14.9		001	1.1.A	CASING : Glacial Overburden.
						No core.
L	4.9	11.1		002	1.1.A	CASING : Glacial Overburden.
						Includes boulders, cobbles and pebbles of 10A > 5F.
L	11.1	12.6		003	5B.2	(5B0) 80 : 20
						Dark grey to black, Moderately to strongly calcareous phyllite, Strongly PS_2 foliated. Broken and poker chip unit. Silvery grey and ochre (limonite) coloured fractures. Moderately hard. Very poor core recovery, RQD. Sharp lower contact at C 80° parallel S_2.
						Buff to ochre less carbonaceous and calcareous sub-unit at 11.1-11.2 with PS_2 foliation and ochre to buff coloured fractures.
						5B0
L	12.6	13.7		004	5F.0	(5B0)(5B2) 70 : 15 : 15
						Olive greenish light grey. Moderately to strongly calcareous. PS_2 and CS_2 foliated. Silvery grey and ochre (limonite) coloured fractures. Moderately hard. Poor core recovery, RQD. Sharp upper and lower contacts at C 80°, lower contact marked by quartz veinlet/vein.
						Medium grey less chloritic sub-unit near upper contact is calcareous and has silvery grey coloured fractures. Moderately hard. PS_2 foliated.
						Carbonaceous subunit is dark grey, calcareous and softer.
L	13.7	16.3		005	5B.2	;
						Dark grey carbonaceous phyllite. Moderately to strongly calcareous. Strong PS_2 foliation, producing poker chips locally. Moderately hard. Occasional carbonate-quartz veinlet subparallel S_2. Silvery grey to black, sometimes ochre (limonite) fractures. Very good core recovery, Good RQD. Sharp upper

DDH 90DV-14 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						contact at CA 55°. Gradational lower contact.
L	116	172		006	5B0	→5F0 (5B02) 98:02
						Medium grey phyllite with ochre bands (limonite), cut by buff-white carbonate-quartz laminae following S_1. Moderately to strongly calcareous. CS_2 and PS_2 foliated. Silvery grey and ochre (limonite) coloured fractures. Moderately hard. Very good core recovery, RQD. Gradational upper contact. Sharp lower contact at CA 70°-80°. Very weakly chloritic.
						Slightly more carbonaceous sub-unit occurs as bands subparallel S_2 up to 0.9m wide. Dark grey, Moderately calcareous and hard. CS_2 foliated. Silvery grey to black fractures. Gradational contacts with 5B0→5F0.
L	172	333		007	5B2	~~5B0→5F0~~
						Dark grey to black phyllite, with buff-white carbonate-quartz veinlets subparallelling S_2. Moderately to strongly calcareous. Strongly CS_2 and PS_2 foliated. Contains 1-2% pyrite as disseminated euhedral to subhedral crystals (<3mm) and as bands (<2mm wide) subparallel $S_2 > S_1$ (Pyrite sometimes is altering to limonite). Moderately hard to soft. Silvery grey, black (graphite), ochre (limonite after pyrite) and rare brick red (hematite) colours on fractures. Very good core recovery. Good RQD. Sharp upper contact. Gradational lower one.
						Carbonate-quartz vein/veinlet bearing 5B2 occurs above 20.5. Buff-white, hard, calcareous (calcite). PS_2 foliated. Gradational contacts with 5B2.
						Medium grey ~~phyllite~~ quartz vein subunit at 32.8-33.0 moderately calcareous, hard, ochre-stained and has gradational contacts with 5B2.

DDH 90DY-14 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	36
L	3133	3510		0018	5B2C	→ 5B2
						Medium to dark grey. Moderately to strongly calcareous. CS$_2$ foliated. Silvery grey and ochre (limonite) coloured surfaces. Moderately hard to hard (silicified). Contains trace disseminated pyrite and carbonate-quartz bands/laminae parallel S$_2$. Very good core recovery, RQD. Gradational upper contact. Sharp lower contact at CA 80°.
L	3510	3644		0019	5C0	
						Medium grey with yellowish-grey bleached colour. Moderately calcareous. Moderately hard (weakly silicified). Silvery grey and ochre (limonite) colour on fractures. PS$_2$ foliated. Contains trace disseminated pyrite. Retains relict porphyritic igneous texture. Dark grey subhedral (pyroxene?) phenocrysts present. Very good core recovery, RQD. Sharp upper and lower contacts at CA 80° parallel S$_2$.
L	3644	4244		0110	5B2	(SDO) 95:5
						Dark grey phyllite. Moderately to strongly calcareous. CS$_2$ and PS$_2$ foliated. Silvery grey, black (carbonaceous material) and ochre (limonite) colour on fractures. Soft to moderately hard. Contains 1-2% disseminated euhedral (cubes) to subhedral pyrite (≤ 5mm) as blebs and and calcite replacement patches (?). Very good core recovery. Good RQD. Sharp upper and lower contacts at CA 80° parallel S$_2$. Chloritic phyllite subunit at 41.1 - 41.2 is olive-greenish grey, is calcareous, has PS$_2$, is moderately hard and has sharp contacts parallel S$_2$.

CDI 1987 E-3A

DDH 90DY-14 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
L	42.4	45.6		Ø11	5CO	~(5B20:5D0) 97:02:01
						Light olive-greenish grey. Moderately to strongly calcareous. PS_2 foliated, with carbonate-quartz bands/laminae (<0.7m). Parallel S_2. Stretched dark grey anhedral phenocrysts present suggest possible relict porphyritic igneous texture. Moderately hard to hard (quartz). Silvery grey and ochre (limonite) coloured fractures. Trace disseminated pyrite. Very good core recovery, RQD. Gradational upper and lower contacts subparallel S_2.
L	45.6	67.5		Ø12	5B20	(5B2:5B5) 70:5:25
						Medium to dark grey, with buff-white carbonate-quartz veinlets parallel both S_1 and S_2. Strongly to moderately calcareous. CS_2 foliated. Silvery grey and ochre (limonite) colored fractures. Moderately hard. Trace disseminated pyrite as subhedral to euhedral crystals (< 2mm). More calcite-quartz below 46.9. Very good core recovery. Good RQD. Gradational contacts subparallel S_2.
						Dark grey, calcareous, moderately hard subunit throughout 5B2. 5B5 → Occurs below 53.1 as "zebra-stripes" banded sub-units with alternating 5BØ and 5BØ2. Moderately calcareous and hard. PS_2 and CS_2 foliated. Silvery grey and ochre (limonite) colour on fractures. Contains trace disseminated pyrite. Gradational contacts with 5BØ2.
L	57.5	61.06		Ø13	5FO	± 1

DDH 90DY-14 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Light greenish grey with slight yellowish-grey bleached appearance. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey and ochre (limonitic) colour on fractures. Moderately hard. Stretched dark grey anhedral phenocrysts are locally present, suggesting relict porphyrytic igneous texture (unit may be transitional between phyllites and metabasites). Carbonate-quartz veins/veinlets cross-cut S_2 foliation. Very good core recovery, RQD. Sharp upper contact at CA 70° marked by minor limonitic gouge. Sharp lower contact marked by quartz veinlet/vein at CA 20°-55° (convolute).
L	606	679		014	500	~~Mafic Volcanics (500)~~ rarely non calcareous
						Medium greenish grey. Moderately to weakly calcareous. Weakly PS_2 foliated to massive. Stretched dark grey subhedral phenocrysts of amphibole or pyroxene and rarer white anhedral (leucoxene?) phenocrysts set in a medium grey groundmass in relict porphyritic igneous texture. Soft to moderately hard. Carbonate-quartz laminae likely follow S_2 foliation. Very good core recovery, RQD. Sharp upper contact is convolute (CA 20°-55°) and marked by quartz veinlet/vein. Lower contact is sharp, convolute (CA 30°-60°) and marked by quartz. Silicified subunit occurs below 66.4m contains buff-white quartz-carbonate veining (flooding?) subparallel S_2. Brec. foliated appearance. Moderately hard to hard. Contains limonitized fractures at CA 30°-80° at 65.8-66.2.
L	679	774		015	500	

DDH 90DY-14 (2 of 8)

CURRAGH RESOURCES INC.

Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
						Medium greenish grey groundmass with dark green-grey stretched subhedral mafics (amphibole, pyroxene?) phenocrysts are rarer white anhedral (hexaxene?) phenocrysts. Relict porphyritic igneous texture. Moderately hard. Very good core recovery, RQD. Sharp convolute upper contact at CA 30°-60° marked by quartz vein or band. Moderately sharp lower contact at CA 80° with possible chill margin (not seen at upper contact ⇒ sill, not dyke). Moderately calcareous. Grey and ochre fracture surfaces. Weak PS_2 foliation.
L	7.74	7.85		Ø16	SCQ	
						Medium greenish grey groundmass with dark green and white phenocrysts as above. Moderately calcareous. Grey and ochre (limonitic) fracture surfaces. Weak PS_2 foliation. Quartz-carbonate bands/laminae parallel S_2 and sometimes cross-cutting S_2. Moderately hard to hard. Good to very good core recovery, RQD. Sharp convolute upper contact at CA 80° marked by quartz band. Gradational lower contact. (Relict porphyritic igneous texture)
L	7.85	8.04		Ø17	SCQ	
						Medium greenish grey groundmass with stretched dark grey subhedral and rare white anhedral phenocrysts as above in a relict porphyritic igneous texture. Occasional buff-white bands/laminae subparallel S_2. Moderately calcareous. Weak PS_2 foliation. Moderately hard. Very good core recovery, RQD. Gradational upper and lower contacts.
L	8.04	9.55		Ø18	SCQ	

DDH 90DY-14 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

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

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						Light greenish-grey groundmass with sometimes stretched dark grey (pyroxene or amphibole ?) phenocrysts and lesser white (leucoxene ?) phenocrysts within relict porphyritic igneous texture. Moderately to strongly calcareous. Weak PS_2 foliation. Grey and ochre (limonite) coloured fractures. Moderately hard to hard. Locally, quartz-carbonate bands/laminae parallel S_2 and rock within these/adjacent to these is harder, smoother (~~brittle~~?). Very good core recovery. Good to very good RQD. Gradational upper and lower contacts.
L	955	997		0119	5C01	(5F01) 85:15
						Light greenish to yellow greenish grey. Moderately calcareous. Moderate PS_2 foliation. Grey, ochre (limonite), yellow (limonitic clay, in gauge at 95.7) fracture surfaces. Moderately hard. Contains quartz-carbonate bands (laminae) which are white, hard. Very good core recovery. Good RQD. Gradational upper contact. Sharp lower contact at CA 70° marked by limonite-clay fault(?) gouge. ~~5F01~~ at 98.8-99.7 has ~~olive~~ greenish grey colours, is calcareous and moderately hard. ~~Strong~~ ~~CS~~. Silver grey and ochre fracture surfaces.
L	997	1079		0120	5B02	(5B20) 90:10
						Dark grey to black weakly carbonaceous phyllite with white carbonate/quartz bands/laminae. Moderately to strongly calcareous. Strong CS_2 foliation. Silvery grey and ochre (limonite) fracture surfaces. Moderately hard to hard. Very good core recovery. Good RQD. Sharp upper and lower

DDH 90DY-14 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: JAN 13/91 Logged By: D HALLIWELL

Code	From	To	Recov.	No.	Unit	Description
						contacts subparallel S_2 and marked by quartz bands
L	107.9	111.05		021	5B0	2(5B02) 70:30 Medium to dark grey with buff-white carbonate-quartz bands/laminae. Moderately calcareous. Strongly S_2 foliated. Silvery grey and ochre (limonite) fractures. Moderately hard to hard (where silicified). Clay-chlorite-limonite minor fault gauge at CA 60° at 109.3-109.5. Very good core recovery. Fair RQD. Sharp upper and lower contacts subparallel S_2 marked by quartz-carbonate bands. Medium to dark grey carbonaceous phyllite sub-unit is calcareous, CS_2 foliated, moderately hard and has silvery grey and ochre (limonite) fracture surfaces. Gradational contacts with 5B17.
L	111.05	122.8		022	5B0	(5B02 5F0) 65:30:05 Medium grey with buff-white quartz-carbonate bands/laminae. Moderately calcareous. CS_2 foliated. Silvery grey and ochre (limonite) fracture surfaces. Moderately hard to hard (quartz). Fair core recovery (some core loss at 116.3-121.6). Fair to good RQD. Sharp upper contact subparallel S_2 and marked by quartz band. Gradational lower contact. Trace disseminated pyrite. Dark grey more carbonaceous sub-unit is calcareous, CS_2 and PS_2 foliated, moderately hard and has silvery grey, dark grey and ochre (limonite) fracture surfaces. Gradational contacts with 5B0. Olive-greenish grey chloritic sub-unit is calcareous, CS_2 foliated, moderately hard and has silvery grey, olive green and ochre (limonite) fracture surfaces. Sharp contacts parallel S_2 with 5B0.

DDH 90DY-14

CURRAGH RESOURCES INC.

Lithologic Log

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

Core	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	122.8	123.2		023	SBM	→ SFD
						Medium to light grey with yellowish-grey tint. Buff-white quartz-carbonate bands following S_2 and laminae following S_1. Moderately calcareous. C_2 and PS_2 foliated. Moderately hard to hard (where silicified). Good core recovery. Fair RQD. Sharp upper and lower contacts parallel S_2.
L	123.2	125.0		024	SBQ2	
						Dark grey with buff-white quartz-carbonate bands/laminae subparallel S_2 foliation. Moderately calcareous. CS_2 and PS_2 foliated. Silvery grey and ochre (limonite) fracture surfaces. Moderately hard to hard (quartz). Very good core recovery, RQD. Trace disseminated pyrite. Sharp upper contact parallel S_2.
						125.0 = EOH

DDH 90DY-14 (2 of 8)

CURRAGH RESOURCES INC.
Structural Log

Page 12 of _____

Date: JAN '91 Logged By: J Sheehan

Code	From	To	Feature	Sym	B_2 / L_3 Dip Direct.	S_1 Dip	S_1 Dip Direct.	S_2 Dip	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32		34 38		40 44	
	115.4		CS2	S	170	20	271	80		L4 => 101
	120.6		CS2	Z	015	15	197	70		
	125.1		PS2					75		crenulc CS2
	130.4		PS2					81		crenulc CS2
	136.9		PS2					87		
	141.4		PS2					80		
	148.0		CS2	Z	022	15	202	73		
	152.0		CS2	S	020	26	014	88		
	157.1		CS2	Z		12	175	70		
	165.5		PS2					58		
	169.6		PS2					32		Possibl. S1
	175.3		PS2					57		
	181.1		PS2					82		
	186.6		PS2					74		
	192.3		PS2					65		
	197.9		PS2					65		
	110.6		CS2	S	006	10	005	78		
	109.6		CS2	S	011	20	355	70		
	114.6		CS2	S	007	18	350	58		
	122.3		CS2	Z	175	13	170	72		
										END OF HOLE

DDH 90DY-14 (2 / 8) CURRAGH RESOURCES INC. Page 13 of _____

Fault Log Date: JAN 97 Logged By: [illegible]

Code	FROM (10–14)	TO (At) (16–20)	Feature (22–24)	REC. (26)	UPPER Dip Direct (28–32)	INTERNAL Dip Direct. (34–38)	LOWER Dip Direct (40–44)	Description
								No faults encountered, rare bands of mud <10cm wide are parallel S_2
								END OF HOLE

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-14

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

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES w.r.t. CA 0–30 No	0–30 Rough	0–30 Alt	0–30 Type	30–50 No	30–50 Rough	30–50 Alt	30–50 Type	50–70 No	50–70 Rough	50–70 Alt	50–70 Type	70–90 No	70–90 Rough	70–90 Alt	70–90 Type	Core Size	Comments
4.9	0.1	0	R4	1	1	0	–	–	–	0	–	–	–					1	11	6.0	S	BQ	boulders in c/a
7.9	0.3	0	R3	1	2	3	7	3.0	J	3	7	3.0	J					4	7	3.0	S		
8.8	0.1	0	R3	1	2	3	7	2.0	J	3	7	2.0	J					4	7	2.0	S		
10.1	0.5	0	R3	1	2	6	7	3.0	J	6	7	3.0	J					8	7	3.0	S		
11.0	0.2	0	R3	.5	2	1	9	3.0	J	1	9	3.0	J					2	9	3.0	S		
12.6	0.5	0	R1	3	3	6	5	6.0	G	6	10	6.0	J					8	10	6.0	S		
14.0	1.2	0	R2	1.8	1	1	12	10.0	J	1	15	9.0	J					20	12	6.0	S		
17.1	3.1	0.4	R2	1.9	3	1	15	10.0	J	1	15	10.0	J					90	8	3.0	S		
20.1	3.0	0.5	R2	1.8	3	1	12	10.0	J	3	12	10.0	J					52	8	3.0	S		
21.3	1.5	0.1	R2	1.7	2	1	15	10.0	J	1	15	10.0	J					39	14	6.0	S		
23.5	1.4	0.3	R2	1.8	1	1	9	10.0	J	0	–	–	–					26	12	6.0	S		graphitic gouge at 23.5
24.2	3.0	0	R2	1.9	2	1	8	10.0	J	1	11	10.0	J					70	12	6.0	S		
28.7	2.5	0	R2	1.8	1	1	14	10.0	J	1	14	10.0	J					70	12	6.0	S		graphitic gouge at 27.7
32.0	3.2	1.2	R2	1.9	2	2	12	10.0	J	0	–	–	–					40	10	6.0	S		
35.9	3.2	1.5	R2	1.9	2	1	12	10.0	J	0	–	–	–					49	11	6.0	S		
38.1	2.9	1.0	R3	1.10	2	2	10	10.0	J	1	12	10.0	J					45	12	6.0	S		
41.6	3.1	1.4	R2	1.9	2	4	12	10.0	J	2	14	10.0	J					46	12	10.0	S		
44.5	3.0	2.1	R3	1.11	2	2	14	10.0	J	0	–	–	–					24	12	10.0	S		
47.5	2.6	1.2	R3	1.10	1	1	8	10.0	J	1	16	10.0	J					30	9	6.0	S		
50.4	3.2	1.2	R2	1.9	1	0	–	–	–	2	16	10.0	J					39	8	6.0	S		
53.6	3.0	0.8	R2	1.9	2	4	14	10.0	J	1	16	10.0	J					40	12	6.0	S		
56.7	3.0	2.1	R2	1.11	2	0	–	–	–	1	14	10.0	J					28	12	10.0	S		
59.1	2.9	1.4	R3	1.11	2	3	14	10.0	J	4	9	10.0	J					37	12	10.0	S		
62.3	3.1	2.4	R4	1.11	1	1	14	10.0	J	1	16	10.0	J					15	8	10.0	S		
65.2	2.9	2.6	R4	1.11	1	0	–	–	–	0	–	–	–					9	8	10.0	S		
68.4	3.2	1.8	R3	1.11	3	2	14	10.0	J	2	16	10.0	J					9	14	10.0	S		
71.1	1.8	1.1	R2	1.11	3	3	14	10.0	J	2	14	10.0	J					7	12	10.0	S		
74.4	2.5	2.1	R3	1.11	2	1	12	10.0	J	0	–	–	–					10	12	10.0	S		
76.8	3.1	2.5	R4	1.11	1	0	–	–	–	3	14	10.0	J					13	12	10.0	S		
78.9	1.5	0.9	R4	1.11	1	2	14	10.0	J	3	14	10.0	J					11	14	10.0	S		

CURRAGH RESOURCES INC.

GEOTECHNICAL LOG

DDH# 90DY-14

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

Run (Length)	TCR (Length)	RQD (Length)	Strength	Degree Breakage	Weathering Alteration	FRACTURES w.r.t CA 0–30 No	0–30 Rough	0–30 Alt	0–30 Type	30–50 No	30–50 Rough	30–50 Alt	30–50 Type	50–70 No	50–70 Rough	50–70 Alt	50–70 Type	70–90 No	70–90 Rough	70–90 Alt	70–90 Type	Core Size	Comments
79.6	1.3	0.3	R4	10	3	2	16	10.0	J	0	—	—	—					17	10	9.0	S	BQ	
82.6	3.1	2.3	R4	12	2	1	14	10.0	J	1	16	10.0	J					19	8	10.0	S		
86.0	3.1	2.3	R3	10	3	3	14	10.0	J	1	16	10.0	J					24	8	6.0	S		
88.2	3.1	2.8	R4	13	1	0	—	—	—	0	—	—	—					14	8	10.0	S		
91.7	2.6	1.2	R3	11	3	3	14	10.0	J	2	16	8.0	J					25	10	8.0	S		
94.9	3.2	2.2	R3	11	3	1	9	10.0	J	0	—	—	—					27	12	7.0	S		
98.1	3.2	1.7	R3	11	3	1	16	10.0	J	0	—	—	—					22	9	6.0	S>G		lin gauge at 95.6
100.4	2.2	0.4	R2	9	3	1	12	10.0	J	2	8	8.0	J>G					41	14	6.0	S		lin gauge
103.0	2.3	0.35	R2	9	2	2	16	10.0	J	2	14	8.0	J					35	12	6.0	S		
105.5	2.5	0.8	R2	8	2	3	16	10.0	J	0	—	—	—					43	12	6.0	S		
108.5	2.8	1.0	R2	9	2	1	16	10.0	J	2	14	10.0	J					35	12	6.0	S		
110.0	1.6	0.4	R3	8	2	0	—	—	—	1	8	10.0	J					20	12	8.0	S>G		chlorite clay gauge at 109.2
113.1	3.1	0.8	R2	9	1	1	12	10.0	J	1	14	10.0	J					48	13	3.0	S		
116.3	3.3	1.2	R2	11	2	3	14	10.0	J	2	12	10.0	J					30	12	6.0	S		
119.8	2.7	0.8	R2	9	3	3	14	10.0	J	4	16	10.0	J					37	12	6.0	S		
121.6	1.6	0.2	R2	8	2	2	12	10.0	J	0	—	—	—					42	14	3.0	S		
122.8	1.2	0.2	R2	8	1	0	—	—	—	1	12	10.0	J					20	12	3.0	S		
125.0	2.0	0.5	R2	8	1	1	14	10.0	J	1	16	10.0	J					34	12	3.0	S		

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4520

copy

December 13,1990
Invoice #2860
Drill: #CHD-1

IN ACCOUNT WITH:

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

Drilling Charges December 1 to 13, 1990 (Faro)

Hole:DY90-08/DS-90/N				
Moving				
60 man hrs	@ $33.00 per hr.		$ 1,980.00	
Reaming Cave				
25 man hrs	@ $33.00 per hr.	= $ 825.00		
12 1/2 machine hrs	@ $21.00 per hr.	= $ 262.50	$ 1,087.50	
Waterline				
53 man hrs	@ $33.00 per hr.		$ 1,749.00	
Wash Hole & Grease Rods				
25 man hrs	@ $33.00 per hr.	= $ 825.00		
12 1/2 machine hrs	@ $21.00 per hr.	= $ 262.50	$ 1,087.50	
Testing				
12 man hrs	@ $33.00 per hr.	=$ 396.00		
6 machine hrs.	@ $21.00 per hr.	=$ 126.00	$ 522.00	
Standby				
4 man hrs	@ $33.00 per hr.	=	$ 132.00	
Coring N				
1,413 - 2,000 = 587 ft.	@ $26.00 per ft.	=$15,262.00		
2,000 - 2,107 = 107 ft.	@ $29.00 per ft.	=$ 3,103.00	$18,365.00	$24,923.00
Hole:DY90-13/DS-90/N				
Moving				
45 man hrs	@ $33.00 per hr.	=	$ 1,485.00	
Testing				
2 man hrs	@ $33.00 per hr.	= $ 66.00		
1 machine hrs	@ $21.00 per hr.	= $ 21.00	$ 87.00	
Casing NW				
0 - 54 = 54 ft.	@ $26.00 per ft..	=	$ 1,404.00	
Coring NQ				
54 - 330 = 276 ft.	@ $24.00 per ft.	=	$ 6,624.00	$ 9,600.00

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4520

Items Consumed & Chargeable			
1 pail of Rod Grease	@ $66.25 each	$ 66.25	
1 NQ bit - Longyear #6 - 54061		$ 588.00	
1 HWL casing shoe		$ 398.40	
4 - 10' HWL Rods	@ $216.00 each	$ 864.00	
1 - 3' HW Casing	@ $118.75 each	$ 118.75	$ 2,035.40
	Total Invoice		$36,558.40

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4520

copy.

December 15,1990
Invoice #2861
Drill: #81-14

IN ACCOUNT WITH:

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

Drilling Charges November 30 to December 15, 1990 (Faro)

Hole:OB90-08/DS-90/HWL				
Moving				
73 man hrs	@ $33.00 per hr.		$ 2,409.00	
Waterline				
56 man hrs	@ $33.00 per hr.	=	$ 1,848.00	
D-7 Tractor				
8 machine hrs	@ $130.00 per hr.		$ 1,040.00	
Coring HWL				
#1 - #8 - 301 ft.	@ $26.00 per ft.	=	$ 7,826.00	$13,123.00
Hole:DY90-14/DS-90/N				
Moving				
64 man hrs	@ $33.00 per hr.	=	$ 2,112.00	
Casing Reaming				
9 man hrs	@ $33.00 per hr.	= $ 297.00		
4 1/2 machine hrs	@ $21.00 per hr.	= $ 94.50	$ 391.50	
Waterline				
10 man hrs	@ $33.00 per hr	=	$ 330.00	
Testing				
12 man hrs	@ $33.00 per hr.	= $ 396.00		
6 machine hrs	@ $21.00 per hr.	= $ 126.00	$ 522.00	
D-7 Tractor				
1 machine hrs	@ $130.00 per hr	=	$ 130.00	
Casing HWL				
#10,11,12,14 = 98 ft.	@ $26.00 per ft.,	=	$ 2,548.00	
Coring NQ				
#10,11,12,14 = 889 ft.	@ $24.00 per ft.	=	$21,336.00	$27,369.50

Items Consumed & Chargeable		
1 HQ Huddy Silver Blue	= $ 954.00	
1 HQ Longyear Series #6 - 27223 x50%	= $ 468.00	
1 HQ Silver Blue #20596-2	= $ 954.00	
1 HQ Shell 2J6297D x75%	= $ 370.60	
1 HWL Casing Shoe #SM 485	= $ 398.40	$ 3,145.00
	Total Invoice	**$43,637.50**