

Vangorda Infill Drill
Logs

90V-01 → 90V-59

003127

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-01

Reference Fabric Orientation Diagram:

Project: Vangonda

Location: Vangonda Pit "S" Phase

Section Claim: 21+0e

TM Ferr. Plane Co-ords.: 6, 902, 898, 30 N

594, 294.67 E

Grid Co-ords: _____

Elevation: 1148.72

All symmetry determinations looking

Total Depth: 73'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: To better Determine distribution of Ore horizons

Reason hole Terminated: Projected ore horizon intersected

Logged by: P. Ledwidge

Date(s) Logged: _____

Drilling Contractor: Advanced Drilling

Size CORE From _____ To _____ Collar Cased and Capped: _____

Hole Cemented: No Steel down Hole: No

Assay Lab: Northern Analytical

Certificate No's: _____

Started: _____ Completed: _____

90V01

DDH 90-V-01
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CURRAGH RESOURCES INC.

Page 1 of

Logged by Cam Reid

ASSAY LOG (SAMPLER'S COPY)

Date 14/04/90 Sampled by

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	43	4		48	5	60.175					4A44		
	48	5		53	6	1.76							
	53	6		58	7	1.77							
	58	7		63	8	1.78							
	63	8		68	9	1.79							

Sec 210

DDH 90.V.-0.1
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 3Date: 04/07/90 Logged By: Geology Dept.

Cofs	From				To				Recov.	No.	Unit	Description
	10	14	18	22	24	26	28	30				
	0		1.0						31 ⁰	#	Casing No Recovery	
	1.0	0	1.55						47	#	Overburden Mud & Till - 5.54' of core recovered	
	1.55		18.0						55	4L	- Highly weathered - Light, Grey, Very soft, Non-Calcareous - .6' of recovery	
	18.0		39.0						112	369	- Highly weathered, weathering along fractures → Dark grey to black, Non calcareous, P _{S2} foliated moderately carbonaceous, moderately soft → RQD 0% highly broken → Local diss. Py within thin qtz rich bands → Recovery 18-23 100% Highly broken 23-28 1.5' recovered rubble 28-32.5 100% rubble 32.5-EOT 100% Highly broken & fractured	
	39.0		43.4						132	440	- Weathered ± \$ Weathered along fractures - moderately soft, light to dark grey - Local Dolomite qtz clast, - Minor Diss. Py - Highly broken, recovery Good - slightly gouged bottom contact	

CURRAGH RESOURCES INC.
Lithologic Log

Cats	From				To				Recov.	No.	Unit	Description
	10	14	18	22	24	28	30	34				
	43	44	68	69					21.0		4444	± 9 minor, very hard very fresh (non-weathered) - ribbon banded carbonaceous quartzite - Banding defines S ₁ & S ₂ - S ₂ foliated - Slight weathering top 4' of interval - Extensive remobilization of sulfides into late fractures - Carbonaceous bands Dark grey - med. grey - S ₂ foliations light to med grey - Sulfide banding 20-30% sph > Py - Pb+Zn 10-12% Locally 15-20% - Recovery 100%, core moderately broken RQD 60%
	68	69	73	74					22.3		440	± 7 - moderately soft dull grey green, non calcareous - Top contact sharp against thin qtz vein, steeper than S ₁ May be fault?? → Recovery good 100%, slightly broken

DIAMOND DRILL CORE LOG

Date: _____

90V02

Hole Number: 90V-02

Reference Fabric Orientation Diagram:

Project: Vangorda

Location: Vangorda Pit "S" Phase

Section: 21+0e

~~Claim:~~
UTM
Terr. Plane
Co-ords.: 6902909.07 N

594,306.35 E

Grid
Co-ords: _____

Elevation: 1149.42

All symmetry determinations looking

Total Depth: 178'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: To better determine distribution of ore horizons

Reason hole Terminated: Projected ore horizon intersected

Logged by: P. Hedwidge

Date(s) Logged: _____

Drilling Contractor: Advanced Drilling

Size CORE From To Collar Cased and Capped: _____

Hole Cemented: No Steel down Hole: No

Assay Lab: Northern Analytical

Certificate No's: _____

Started: _____ Completed: _____

Code	From				To				Feature	Sym	S ₀		S ₁		S ₂		Description
	1	10	14	16	20	22	24	26			28	32	34	38	40	44	
		1317	9		1518	5	P	S ₂						65			
							C	S ₂						90			CAX
		1615	0		1715	8	P	S ₂						78			

DBF 90-Y-0.2v
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CURRAGH RESOURCES INC.

Logged by MJC

ASSAY LOG (SAMPLER'S COPY)

Date April 14/90 Sampled by _____

CODE	FROM			TO			SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	1	10	14 16 20	22	26 28 30	32 34 36					
		37		43	6101614				AAA		
		43		48	1615				"		
		48		53	1616				"		
		53		58	1617				"		
		58		61	1618				4A44		
		61		65	169				"		
		1512		1516	60170				4H446*		

63
61.8
61.2

Core	From		To		Recov.		No.	Unit	Description
	10	14	18	22	24	26			
		10		110			101		Casing - No recovery
		110		130			102		O.B. mixed rockst clay - Till 2.5ft lost
		130		180			103		Ferrucrite
		18		379			104	51A6	Very strongly broken Black, soft, PS2 lum at 65° CAX, Black to grey shing. on S2 plane, Good recovery. Contact sharp & irregular. RQD = 0%
		379		585			105	41A4	±9 tr. (4D7 ± 8 ± 9 tr.) → [4H ± 8 ± 9 tr.) 95/5%
									V. hard, white broken, PS2 65° CS2 1/CAX. Sph > Pz Lower contact gradational. TUI = 37.9 - pyroclastic sulphides Est 4% Pb/Zn - local dol + Mt. S2 surface med. grey + not shing. Good recovery. Est Pb+Zn 12-15% RQD = 15%
		585		650			106	41A4	±9 tr. Sph/lgn 30-40%, Pyrite 5-10%, Qtz - 60%. Lower cont gradational, Overall red color, very hard Grade: 15-20% Pb/Zn Good Recovery. RQD = 40%

CURRAGH RESOURCES INC.
Lithologic Log

Core #	From		To		Recov.		No.		Unit		Description
	10	14	18	20	22	24	26	28	30	34	
	150.0	152.8							07	41427	±9 to ±1 Pyrite 5-10%, Pyrrhotite 3-5% Grey green, mod. hard. PS ₂ - 78° PS ₂ surface shiny. Recovery 100%. Qtz infilling fractures. Lower int. sharp/broken. RQD = 5%
	152.8	156.3							08	414416*	Reddish-brown color, mod. hard Upper & Lower int. sharp & broken. Grade: 15-18% Pb/Zn, Good Recovery. RQD = 0%
	156.3	160.0							07	A140	±1 156.6-157.0 rubble/fractured. Grey Green Fractures infilled w/ Qtz. Upper & lower int. gradational. Recovery good. RQD = 1%
	160.0	178.0							08	A170	Fractures infilled by Qtz. Upper int. gradational Good Recovery. Grey Green. RQD = 50%
											S.O.H 178.0

DIAMOND DRILL CORE LOG

Date: _____

90 V 03

Hole Number: 90V-03

Reference Fabric Orientation Diagram:

Project: Vangorda

Location: Vangorda Pit "S" Phase

Section: 27+0e 21+00E

UTM
Terr. Plane
Co-ords.: 6,902917.68 N

594,316.04 E

Grid
Co-ords: _____

Elevation: 1149.34

All symmetry determinations looking

Total Depth: 103'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: To better Determine distribution of ore horizons

Reason hole Terminated: Projected ore horizon intersected

Logged by: P. Ledwidge

Date(s) Logged: _____

Drilling Contractor: Advanced

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: No Steel down Hole: No

Assay Lab: Northern Analytical

Certificate No's: _____

Started: _____ Completed: _____

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
	1180	1310	9		P1S12							65					CAX
	1310	9		1342	P1S12							85					CAX
	1342			1380	P1S12							85					CAX
	1380			1535	P1S12												P1S2 irregular + inconsistently folded
	1535			1856	P1S12							85					CAX
	1856			1917	P1S12							80					CAX
	1917			1942	P1S12							85	-1910				CAX
	1942			1975	P1S12							75	-185				CAX
	1975			11030	P1S12							75	-185				CAX

DDH 90-V-03
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CURRAGH RESOURCES INC.

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Logged by P. Lodwidge

ASSAY LOG (SAMPLER'S COPY)

Date 14/04/90

Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT	DESCRIPTION		
I	10	14	16	20	22	26	28	30	32	34	36		40	42
		1342		1380	610	171					416	141		±8, # strong
		1380		1432		172					417	144		
		1432		1484		173								
		1484		1535	619	174								

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28 30	34 35	
	10	50		01		Casing - No return
	50	180		02		Oxidized sb - O.B + organics
	180	309		03	3E10	
						Black to dark gray. S ₂ plane dark gray + greasy. PS ₂ 65° CAx - well laminated. Recov. 100% "Polox chips" over 60% - minor gouge. V. soft. Lower contact sharp // PS ₂ RQD - 0%
	309	342		04	4L10	weathered
						light beige / orange - soft - PS ₂ laminated at 55° CAx S ₂ plane v. light green + beige - Recov. 100% lower contact sharp + irregular. RQD - 0%
	342	380		05	4G4	± 8 # strong
						Brassy yellow, mod. hard - no fol., 6-10% Pb+Zn Good recover. Lower contact sharp at 55° CAx RQD - 70%
	380	535		06	4A44	
						Banded black, maroon + white - v. hard, PS ₂ irregular + inconsistently folded. 18-20% Pb+Zn. Recov. 100% < 0.5ft core at 39.0 lower contact gradational. RQD - 70%

Core	From		To		Recov.	No.	Unit	Description		
	10	14	18	20					22	24
	53	5	85	6		07	4L627			
								Dark green - soft - locally med. hard. P _{S2} lam. at 70-85°CAX S ₂ light to mid green + soft. Recov. 100% Lower contact sharp at 80°CAX RWD - 60%		
	85	6	91	7		08	5G9	# Zebra Rocks		
								Soft, dark green. P _{S2} 80°CAX (86.0ft) Small lithons 5 fold DD3 at 65°CAX at 0° to P _{S2} (same direction) Recov. 100% Lower contact sharp at 80°CAX - RWD - 50%		
	91	7	94	2		09	4L627			
								Same as unit 07. Weak poorly defined P _{S2} at 85-90°CAX Good recovery. Lower contact sharp at 85°CAX. RWD - 20%		
	94	2	97	5		10	5L0	#		
								Same as unit 09. Good recovery. P _{S2} at 75-85°CAX Lower contact 85°CAX + sharp. RWD - 40%		
	97	5	103	0			4L627			
								Same as unit 07. Good recovery. P _{S2} at 75-85°CAX RWD - 50%		
								103.0 EOH		

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-04

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

Section: 21+0e

UTM: 6902938.32 N

UTM: 594338.38 E

Grid: _____
Coordinates: _____

Elevation: 1150.44

All symmetry determinations looking

Total Depth: 132

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Toolamented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped:
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V04

Code	From		To		Feature	Sym	S ₀		S ₁		S ₂		Description
	Dip	Direct	Dip	Direct			Dip	Direct	Dip	Direct	Dip	Direct	
1	10	14	16	20	22	24	26	28	32	34	38	40	44
	1180		1499	PIS12							513	-1615	CAX
	1499		1515	PIS12							713		
	1559		1609								816		CAX
	1610		1635	PIS12							712		CAX
	1619		1712	PIS12							615		CAX
	1101		1112	PIS12							815		CAX
	1117		1132	PIS12							510	-1815	CAX

DDH 9.0-V-0.4
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CURRAGH RESOURCES INC.

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Logged by _____

ASSAY LOG (SAMPLER'S COPY)

Date 10/01/88 Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
		499		515	60	151						4A01	
		515		527		152						464	(SC4) 50/50%
		527		559		153						4E1	±4 ±6 minor
		559		610		154						4648	
		610		635		155						464	(4L0) 50/50%
		635		665		156						4E416	±8
		665		695		157						"	"
		695		727		158						4D141	±7 (4L0) 70/30%
		866		882		159						464	
		896		926		160						464	±8 minor ±BXA
		926		956		161						"	"
		982		1010		162						464	±BXA
		1123		1174		163						450	±1, ±9 minor

DDH 90-V-04
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 3Date: 1/10/190 Logged By: P. Harbridge

Core No.	From		To		Recov.		No.		Unit	Description
	10	14	18	20	22	24	26	28		
		0		20				01		# Casing - No return
		20		80				02		# Humus 5.5 ft last
		80		180				03		Ferrocrite 8-13 - 1 ft last ; 13-18 - 2 ft last Lower contact sharp & irregular Orange & rusty
		180		499				04	315A	
										Med grey green - Soft - PS ₂ 55-65° CAx - S ₂ plane dark grey/green - Good recovery - local minor < 2" gauge - lower contact sharp // PS ₂ v. strongly broken to rubble. RQD - 5%
		499		515				05	4A0	
										Hard: PS ₂ lam. at 73° CAx - S ₂ plane dark grey/green 3-4% Ph+Zn. Good recovery. lower contact sharp // PS ₂ RQD - 0%
		515		527				06	4G4	(5C4) 50/50%
										Med. hard - brassy 6-10% Ph+Zn 50% altered brice & green gneiss metabasite at 52.2 - EOT. Lower contact gneiss & broken - Good recovery Overall Ph+Zn 3-5% RQD 50%

Cds	From		To		Recov.	No.	Unit	Description		
	10	14	18	20					22	24
	5.27		5.59			0.7	4E1	±4 ± 6 minor		
								Brassy yellow-green - Hard Good recovery. Lower contact gradational Est Ph+Zn 4-5% RQD = 80%		
	5.59		6.09			0.8	4G4.8			
								Brassy yellow-green + maroon - locally banded at 86° CAX Hard to soft (Ba bands) Good recovery. Lower contact sharp but broken. Est Ph+Zn 15-18%		
	6.09		6.35			0.9	4G4	(4L0) 50/50%		
								4G4 Same as unit 8 but no Mt.		
								4L0 - Gouged grey to green fine. P52 at 72° CAX - S2 plane light green Lower contact sharp but broken. Good recovery. RQD = 0%		
	6.35		6.95			1.0	4E4.6	±8		
								Brassy yellow-green + maroon, grade hard. Good recovery. Lower contact sharp but broken. Est Ph+Zn 10-12% RQD = 70%		

Core	From		To		Recov.		No.		Unit		Description
	10	14	18	20	22	24	26	28	30	34	
	69	5	72	7					11	4D44	±7 (4L0) 70/30 %
											4D44 - Macroon - minor granitic soft bands. v hard. Piz. incandescent. 30% 4L0 bands intercalated on cm to dm scale. 4L0 is white + light green + light green on SL plane. Piz at 65° CAZ Est Pb + Zn 15-20% Lower contact sharp + irregular. Good recovery. R(0) - 0%
	72	7	86	6					12	4L0	±2,4 Fault gouge?
											White w green tinge. v. soft Piz steep + irregular. Gouged from 76 - EDI - 73-78.5 1 ft lost Resist recov. good. Lower contact sharp + irregular. SL plane v. light grey w green tinge. R(0) - 0%
	86	6	88	2					13	4G4	
											Brassy, white + red. Hard to soft. Weakly banded but irregular. Good recovery. Lower contact sharp + irregular. Est Pb + Zn 10-12% R(0) - 50%
	88	2	89	6					14	4L0	±2,4
											Same as unit 12 - Good recovery R(0) - 50%
	89	6	95	6					15	4G4	±8 minor ± BXA
											Brassy yellow + red + white. Hard to med. soft. Good recovery.

DDH 9-0-V-04CURRAGH RESOURCES INC.
Lithologic LogPage 6Date: 16/04/90 Logged By: PL

Core	From		To		Recov.		No.		Unit		Description
	10	14	18	20	22	24	26	28	30	34	
											lower contact sharp but brecciated. Est Pb+Zn 15-20% RQD - 60%
	9.56		9.82					116		4.69	± 2
											Same as unit 12 but no sph/ln. Good recover. lower contact gradational. RQD - 0%
	9.82		10.10					117		4.64	± BXA
											Light maroon, white & brassy. Weakly steeply laminated. Good recover. lower contact sharp & irregular. Est Pb+Zn 15-18% RQD - 75%
	10.10		11.23					118		36.49	± BXA ± Fault zone.
											5% carbonaceous stringer - rest is white to grey phyllite. Soft - 106.5 - 107 - Gouged & brecciated. Good recover. lower contact sharp & irregular. S ₂ plane white to grey & gray. P ₃₂ 85% EAX - locally shallower. (Taken where not brecciated) RQD - 30%
	11.23		11.74					119		4.10	± 1 ± 9 micr.
											Brassy yellow green ≤ 5% atz. Hard Good recover. lower contact sharp but rubble on next unit. Est Pb+Zn < 2% RQD 80%

DDH 90-V-04
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CURRAGH RESOURCES INC.
 Lithologic Log

Page 7

Date: 14/04/90 Logged By: PL

Core	From				To				Recov.				No.				Unit				Description
	10	14	18	22	24	28	32	36	20	24	28	32	26	28	30	34	34	36	38	40	
		1.7	4								1.3	2									
																					Soft light grey + black Psr laminated at 50-85° CAx.
																					Sz plane light to dark grey + greasy. Gouged at 120-124.
																					1ft lost - Rest of recovery 0.15. R ₁₀ - 40%

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-05

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

~~UTM~~ 21+0e

Terr. Plane Co-ords.: 6902958.60 N

594,360.43 E

Grid Co-ords: _____

Elevation: 1151.45

All symmetry determinations looking

Total Depth: 118'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
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Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90 V 05

DDH 90-4-05
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CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature	Sym	S ₀		S ₁		S ₂		Description		
	10	14	16	20	22	24	26	28			32	34	38	40	44				
	1	12	10	6	1	12	14	8	PIS12						6	15			
	1	10	12	4	1	11	18	0	PIS12						6	17			

ASSAY LOG (SAMPLER'S COPY)

Date April 17/90 Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	119.5		120.6		69139						14316		±8 minor
	124.8		130.1		140						4E4		±6, ±8 (5C#), (4D4) 80/10/10%
	130.1		135.5		141						"		
	154.6		157.8		142						4E0		±1 High grade (54.6-56.7)
	157.8		161.0		143						"		
	161.0		164.3		144						"		
	167.5		168.7		145						4C10		
	168.7		173.1		146						"		
	173.1		177.5		147						"		
	177.5		181.8		148						"		
	183.0		187.0		149						4C0		
	187.0		211.0		150						"		
													ΣOH 118.0 ft

CURRAGH RESOURCES INC.
Lithologic Log

3	From		To		Recov.		No.		Unit		Description	
	1	10	14	18	20	22	24	26	28	30		34
		10.0		20.0					100			Casing. No Recovery.
		20.0		27.0					101			Overburden: wood & till.
		27.0		19.5					102	4L10		Extremely broken/gouge & weathered. Upper & lower conts sharp & broken. 7-10ft 1.3 ft lost.
												RQD-0%
		19.5		20.6					103	4E14.6	±0	minor. Upper & lower contacts sharp & broken. Good Recovery. Grade: Pb/Zn 20-25%
												RQD-0%
		20.6		24.8					104	4L10		→ [3G4] lower cont gradational. High broken & fractured. Slightly oxidized. PS2- 65° Recovery 20.6-24.8 0.7 ft lost
												RQD-0%
		24.8		35.5					105	4EA ±6	±8	(5C\$), (4D4) ±9 minor. 80/10/10 % 4E4- sph/gn 20-30%, minor labels of magnetite. 4D4- trace of CPY, sph/gn 4-5% grade 2-3% Pb/Zn. Units of 5C\$, 4D4 have upper & lower sharp/broken conts. Good Recovery. Grade: 12-15% Pb/Zn
												RQD-1%

CURRAGH RESOURCES INC.
Lithologic Log

Core No.	From		To		Recov.	No.	Unit	Description		
	10	14	18	20					22	24
	35.5		54.6			06	4L3	± 8 Upper Lower cont sharp/broken. Highly broken & moderately weathered. Biese grey color. Mod. soft Recovery: 48.0-53.0ft 2.0 ft lost. ROD - 0%		
	54.6		64.3			07	A20	± 1 (4E4) 90/10% 4E0 - fine grained. Hard. Grade < 2% Pb/Zn. 4E4 - (54.6-56.7) Grade: 12-15% Pb/Zn. Upper cont sharp & irregular. lower cont gradational. Good Recovery. Overall grade < 3% Pb/Zn. ROD - 50%		
	64.3		81.8			08	A40	± 5, ± 9 Trace cont. Grade: < 2% Pb/Zn. Sharp lower cont. Recovery: 73-78 0.3 ft lost Good recovery otherwise. ROD - 40%		
	81.8		102.4			09	4L0	± 8, (4C0), (4E1) ± 8, ± 7 78/20/2% (4L0) (81.8-83.0), (88.7-89.2), (91.0-97.0) - Light grey green soft, PS ₂ = 76° Good Recovery. (4E1) = (97.2-98.6). Minor blebs of magnetite present. Broken/sharp upper & lower cont. No grade. 4C0 - < 1% Pb/Zn. - Recovery Good. (83-91.0) ROD - 5%		

DDH E-90.V-3
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: April 17/90 Logged By: MJC

Sec #	From				To				Recov.				No.				Unit				Description
	1	10	14	18	20	22	24	26	28	28	30	32	34	36	38	40	42	44	46	48	
		102.4		118.0							10						13G10				→ [100]
																					Dark grey, mod. hard, PSz- 67° - surface shiny & grey
																					Recovery 100%. Lower int. gradational.
																					RQD - 2%
																					E.O.H. 118.00

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-06

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

~~UTM~~ Section: 21+0e

UTM
Terr. Plane
Co-ords.: 6902976.79 N

594384.93 E

Grid
Co-ords: _____

Elevation: 1153.90

All symmetry determinations looking

Total Depth: 83'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling
Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	

Hole
Cemented: _____ Steel
down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V06

DDH 90-N-06
2 8

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature	Sym	S ₀		S ₁		S ₂		Description
	1	10	14	16	20	22	24	26			Dip	Direct.	Dip	Direct.	Dip	Direct.	
		1160		1210	DPB12									65			CAX
		1568		1830	DPB12									65	-1710		CAX

W. Sample

DDH 9.0-V-0.6

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by P. Hedwidge

ASSAY LOG (SAMPLER'S COPY)

Date 17/04/90 Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT	DESCRIPTION	
	10	14	16	20	22	26	28	30	32	34			36
	28	6	31	8	601	32					4C131		
	31	8	35	0		133					"		
	35	0	40	5		134					4E11	±4, ±8 minor	
	40	5	44	5		135					4E10	±1	
	44	5	48	6		136					4E11		
	48	6	52	7		137					"		
	52	7	56	8		138					"		

Code	FROM				TO (At)				Feature	REG.	UPPER Dip Direct.				INTERNAL Dip Direct.				LOWER Dip Direct.				Description
1	10	14	16	20	22	24	26	28			28	32	34	38	40	44							
	100		170				N																
	170		230		B3G					3													
	145		150		R																		30000
	50		100		S																		
	100		100		R																		800 3000
	100		125		N0																		
			280		B3G5																		0 WEATHERED
			350				9																10
			405				9																40
			445		R1		9																0
			568		R2X9																		0
			605		G1R3		9																0 Gouge
			850				9																0
			1660		B3R9																		0
			1830				9																0 Eolt.

DDH 70-V-06
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 3Date: 17/04/90 Logged By: P. Hedwidge

Core No.	From		To		Recov.			No.	Unit	Description
	10	14	18	20	22	24	26			
		0		70				01		Casing - No return
		70		125				02	#	O.B. Mixed rocks - mostly felsic intrusives - 4ft lost.
		125		286				03	4L0	Brisc & rusty to white & powdery. Gauged everywhere except at 16.0 - 21.0 - (PSZ 65°CAX) lower contact sharp but gauged. RQD - 0% 12.5-16 - 0.5ft lost; 16-21 - 2.5ft lost; 21-26.5 - 4.5ft lost; 26.5 - EOI - 1ft lost
		286		350				04	4C3	Brassy yellow-green - hard - 20% qtz - 80% fsp. Good recovery. Lower contact gradational. Est Pb+Zn < 2% RQD - 10%
		350		405				05	4E1	±4, ±8 minor Brassy yellow - local maroon bands. Hard - good recovery - Est Pb+Zn 2-3% lower contact gradational. RQD - 40%
		405		445				06	4E0	±1 Brassy yellow - Hard - good recov. Lower contact gradational but marked by visible zone. Est Pb+Zn < 2% RQD - 0%

DDH 90-V-06
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 4

Date: 17/04/90 Logged By: P. Hedwidge

Core	From		To		Recov.			No.			Unit	Description	
	10	14	18	20	22	24	26	28	30	34			36
	4	4	5	5	6	8			0	7	4	E1	Rubby ± BXA
													Dark grey brassy + powdery. Too rubby to tell grade. Good recovery. Rubby throughout. lower contact gradational & brecciated. RQD - 0%
	5	6	8	8	3	0			0	8	4	L0	Light beige w darker grey (carbonaceous?) laminations. Pn at 65-70cm. Good recovery. Graded at 70I-60.5; 65-66.0 ± local minor gouge S2 plane light beige + powdery. Pn - 0% V. soft.
													83.0 - E0H

DIAMOND DRILL CORE LOG

Date: _____

File Number: 90 V-07

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

~~Area~~ Section: 21+0e 21+00e

Err. Plane
Coordinates: 6902987.29 N

504396.17 E

Grid
Coordinates: _____

Elevation: 1155.34

All symmetry determinations looking

Total Depth: 78'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Core Samplement: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V07

DDH 90-4-07
2 8

CURRAGH RESOURCES INC.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature	S ₁ m	S ₀		S ₁		S ₂		Description	
	1	10	14	16	20	22	24	26			28	32	34	38	40	44		
			1445		1618			PS12							616			
			1618		1718			PS12							713			

ASSAY LOG (SAMPLER'S COPY)

Date April 17/90 Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	16	20						22	26	28
	129		127		601901			12E11	(464) Poor Recovery			
	127		130		601902			"	(4E40) "			
	130		133		601903			"	" "			
	133		136		601904			"	" "			
	136		138		601905			"	" "			
	138		142		601906			"	" (404) "			
	142		144		600107			14100	(4E40)			

CURRAGH RESOURCES INC.
Lithologic Log

Core	From		To		Recov.		No.		Unit		Description
	10	14	18	20	22	24	26	28	30	34	
		10.0		14.0				100			Overburden
		14.0		24.9				101		4140	Light rust color, extremely friable. Sharp/broken lower int. Recovery: 14-17.5 ft 1.2 ft lost. 17-21.5 ft 1.8 ft lost. 21.5-24.9 4.6 ft lost
		24.9		27.0						(4164)	ROD-0%
		24.9		43.0				102		4181	±6, ±4 (40) 90/10%
		27.0		43.0						(4186)	Very Poor Recovery 25-27.5 ft 2.8 ft lost 27-28.5 ft 1.1 ft lost 28.5-29.5 ft 0.7 ft lost 29.5-30.0 0.3 ft lost 30-33 ft 2.0 ft lost 33-34.5 0.9 ft lost 34.5-36.0 1.0 ft lost 36-38.5 1 ft lost 38.5-42.5 1.0 ft lost Grade: < 3% Pb/Zn. Difficult to estimate due to being Very rubblely & broken. ROD-0%
		43.0		44.5				103		(4190)	±9 Trace of cpy. Lower & upper ints. sharp & broken. Broken & fractured. Recovery good. Grade: < 1% Pb/Zn ROD-0%

CURRAGH RESOURCES INC.
 Lithologic Log

Core		From	To	Recov.	No.	Unit	Description				
1	10	14	18	20	22	24	26	28	30	34	36
		AA 5	68.2		04	ALD	Upper cut broken/sharp. Lower cut gradual Mod. soft. Partly gassed/highly fractured. (54.5-55.5) PS ₂ -66°. Good Recovery.				
											RQD-1%
		68.3	78.0		10F	3GA	Upper cut sharp/broken, mod. soft. light grey green. PS ₂ -73° very shiny PS ₂ -surface. Good Recovery.				
											RQD-1%
							E.O.H. 78ft				

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-08

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

Section: 23+0e

Terr. Plane Co-ords.: 6902951.56 N

534446.00 E

Grid Co-ords: _____

Elevation: 1157.57

All symmetry determinations looking

Total Depth: 98'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped:
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V08

DDH 90-V-08
2 8

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature	Sym	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
	1	17182		19180	P1S12								710				

ASSAY LOG (SAMPLER'S COPY)

Date Apr 30/90 Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	127	4	132	5	600917							AED	V. Poor Recovery. 4.6 f lost.
	132	5	142	5	918							"	8.5 ft lost.
	142	5	147	5	919							"	3.5 ft lost
	147	5	152	5	601100							"	4.0 ft lost
	152	5	156	5	011							"	2.9 ft lost
	156	5	159	5	012							"	2.0 ft lost
	159	5	164	5	013							"	2.2 ft lost
	164	5	165	5	014							ACD	
	168	5	172	9	015							AED	
	174	1	178	2	016							ADA	
													Σ.O. It 93 ft.

50
4/30/90

Fault Log

Code	FROM		TO (At)		Feature	REG	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description
	10	14	16	20			22	24	26	28	32	34	
	00		20		N								
	2794		6190		B37								Lost core. Poor drilling
	6155		6188		B3								" "
	7491		7892		X1								
													E.O.H 98 ft
		10		217		N0							O/B
				614		R13B2							O RUBBLY EXT. BROKEN
				615		B119							O
				618		B131							O 3' LOST WRE
				712			3						O SOFT
				714		B139							O SOFT
				718		X129							O BRECCIAED
				918			9						O E.O.H.

CURRAGH RESOURCES INC.
Lithologic Log

Core No.	From		To		Recov.		No.	Unit	Description
	10	14	18	20	22	24			
		0.0		2.0			00		Casing No Recovery
		2.0		20.5			00		Overburden, Till Recovery 11.5-17.0 4.0 ft lost 17.0-20.5 3.0 ft lost.
		20.5		27.4			01		Ferrocement Recovery 22-27 ft. 4.2 ft lost.
		27.4		64.0			02	A 2.0	± 1, ± 6 Shifty recovery: 27.4-31.0 3.4 ft lost 31.0-32.6 1.2 ft lost 32.6-35 1.9 ft lost 35-37 1.8 ft lost 37-42 4.3 ft lost 42-44.5 2.4 ft lost 44.5-47.0 1.1 ft lost 47-52 4.0 ft lost 52-56 2.9 ft lost 56-59.5 2.0 ft lost 59.5-64 2.2 ft lost Rubbly, pulverized, extremely broken. Contact sharp/broken Grade < 2% Pb/Zn?? difficult to estimate ROD-0%
		64.0		65.5			03	A 1.0	Sharp/broke upper & lower cuts Recovery good. Grade < 1% Pb/Zn. ROD-0%
		65.5		68.8			04	A 1.0	Sharp broken upper & lower cut. Extremely broken. 65.5-68.8 3 ft lost ROD-0%
		68.8		72.9			05	A 2.0	± 4, ± 6? Very soft, altered, Gradational lower cut. Recovery: 65.5-67.0 1.0 ft lost 67.0-72.0 1.6 ft lost Grade: 5-7% Pb/Zn. ROD-0%
		72.9		79.1			06	A 1.0	Green-grey, soft, extremely broken. ROD-0%

DDH 90-N-08
2 8

CURRAGH RESOURCES INC.

Lithologic Log

Date: April 18/90 Logged By: MJC

S C	From		To		Recov.		No.		Unit	Description	
	10	14	18	20	22	24	26	28			30
	7A	1	7B	2					07	A, D4 ± 9	Trace of cpy. Upper & lower. int gradational / broken. Good Recovery Grades: 4-5% Pb/Zn. brecciated RQD - 0%
	7B	2	9B	0					08	A, L0 ± 3	(369) 80/20% Gradational upper int. Good Recovery P52-70 RQD - 0%
											E.O.H 98 ft.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-09

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

Section: 23+0e

True Plane Coordinates: 6902942.47 N

594436.49 E

Grid Coordinates: _____

Elevation: 1157.18

All symmetry determinations looking

Total Depth: 120'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____

Purpose: _____

Reason hole terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Material: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped:
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

50106

Sample

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	121.5		125.5		69067							464	21.5-25.5 2.3 ft lost
	125.5		132.0		618							"	25.5-32.0 1.5 ft lost
	132.0		135.0		619							4E10	32.0-35.0 2ft lost
	135.0		137.0		710							"	1.5 ft lost
	137.0		142.0		711							"	4 ft lost
	147.0		152.0		712							4E10	±4? 2ft lost
	153.5		156.0		713							4E11	±8, ±6 1.4 ft lost
	156.0		161.5		714							"	5.5 ft lost
	161.5		166.0		715							"	1.5 ft lost
	166.0		170.0		716							"	
	170.0		174.0		717							"	
	174.0		178.0		718							"	
					719								
	178.0		183.0		719							4E13	(4E10) 99/1%
	183.0		188.0		810							"	
	188.0		193.0		811							"	
	193.0		198.0		812							"	
													E.O.H 120.0 ft.

cont 23

DDH V-90-09
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 2Date: 12/04/90 Logged By: MJC

Core No.	From		To		Recov.		No.	Unit	Description	
	10	14	18	20	22	24				26
		0.0		21.5			100		Overburden / Jill Recovery 16.0-21.5 4.0 ft lost.	
		21.5		32.0			01	A.G.4	Very broken, fractured. Lower & upper ends sharp & broken. Grade difficult to estimate % Pb/Zn 4-5%. Recovery: 24.5-25.0 2.3 ft lost. 25.5-32.0 1.5 ft lost. ROD-0%	
		32.0		41.8			02	A.E.0	Very Poor Recovery. Gauge broken, rubble, sand. 32-35 2ft lost 35-37 1.5 ft lost. 37-42 4ft lost Grade diff. to estimate 1% Pb/Zn < 2%. ROD-0%	
		42.0		47.0					No core mismatch ??	
		47.0		52.0			03	A.E.0	±4?? Recovery: 47-52 2.8 ft lost. Gauge pulverized completely. Grade difficult to estimate. Dark color Pb/Zn < 4%? ROD-0%	
		52.0		53.5			04	A.L.0	Pulverized gauge. Dark grey green clayey. ROD-0%	
		53.5		78.8			05	A.E.1	±8±6 Upper end broke/sharp lower end sharp/irregular. Recovery: 53.5-56 1.4 ft lost 56.0-57.5 1.2 ft lost 57.5-61.5 2.3 ft lost 61.5-66 1.5 ft lost.	

DDH V-9.0-0.9
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 2 of 2

Date: 9/04/90 Logged By: MC

Core No.	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30
	53.5		78.8						105	FLZ1	±8, ±6 continued - minor bands of magnetite. Approximate grade: 3-4% Pb/Zn. ROD-2%
	78.8		98.0						106	AL3	±9 Trace of cpq. Very fine grained pyrite. Recovery: 78.8-82.5 1.6 ft lost. Grade: <2% Pb/Zn. ROD-3%
	98.0		120.0						107	ALD	(4±0) 99/1% Grey green colour, mod. soft 4±0 (105.3-106.0) ROD-2% Σ.O.H 120.0 ft.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-10

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

Section: 23+00 e

UTM
Terr. Plane Co-ords.: 6902933.25 N

594425.15 E

Grid Co-ords: _____

Elevation: 1156.31

All symmetry determinations looking

Total Depth: 126'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V10

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
1		13	19		16	14		PS12								610	

DDH V-9.0-1.0
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 1 of 2Date: 18/04/90 Logged By: mjc

Core No.	From		To		Recov.			No.			Unit	Description
	10	14	18	20	22	24	26	28	30	34		
		0.0		4.0					0.0			Casing.
		4.0		6.0					0.1			B horizon? Top soil
		6.0		12.4					0.1			Overburden.
		12.4		31.9					0.2		A1L6	Weathered. Rusty orange colour. Highly fractured, friable. Soft. Recovery: 14-17 1.5ft lost. 17-21.5 2.0ft lost 21.5-24.0 0.1ft lost. Upper & lower cnts gradational ROD - 0%
		31.9		61.4					0.3		A1L0	Gradational upper cnt. lower sharp/broken cnt. Minor Qtz veins. PS ₂ - 60. Soft. Good Recovery ROD - 1%
		61.4		83.5					0.4		A1E1	±4, ±8 minor. (4E4) 90/10.7%. Upper cnt sharp/broken, lower cnt gradational 4E1 - Grade < 2% Pb/Zn. 4E4 - Grade 4-5% Pb/Zn Overall grade: 2-3% Pb/Zn ROD - 2%
		83.5		104.8					0.5		A1G0	±8, ±9 Upper & lower cnts gradational. Intersat brecciation. Grade: < 2% Pb/Zn. Minor blebs of magnetite. Trace cop. ROD 4%

CURRAGH RESOURCES INC.
Lithologic Log

3	From		To		Recov.		No.		Unit		Description
	10	14	18	22	24	26	28	30	34	38	
	109	110	105					106		14E1	(4E4) 95/5%
											Gradational upper cnt, lower broken/sharp cnt.
											4E1 - Grade: < 2% 4E4 - Unit at the lower cnt (109-110.0 ft)
											Grade: 18-20% P/Zn. Minor brecciation. Qtz infilling.
											Good Recovery.
											RQD - 1%
	110.5	113.6						107		14Z1b	Very soft, brecciated. Green grey colour.
											Upper cnt sharp/broken lower cnt gradational
											Gauge, very broken.
											Good Recovery.
											RQD - 0%
	113.6	126.0						108		14L0	Gradational upper cnt. light grey/green colour
											Soft, broken & gaged.
											Recovery 116-121 2.8 ft lost 121-126 2.0 ft lost
											RQD - 0%
											E.O.H. 126.0

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-11

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

Section: 23+00e

~~UTM~~
UTM
Terr. Plane
Co-ords.: 6902922.26 N

594416.12 E

Grid
Co-ords: _____

Elevation: 1155.51

All symmetry determinations looking

Total Depth: 148'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling
Contractor: _____

Hole
Cemented: Steel
down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 90-Y-111
2 8

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24	26	28			32	34	38	40	44			
1	1412	6		1716	2	PIS	2											6B

ASSAY LOG (SAMPLER'S COPY)

Date April 30/90 Logged by MJC Sampled by _____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION						
1	10	14	16	20	22	26	28	30	32	34	36	40	42
	1216	1311	601114								14614	± 8	
	1311	1317	1115										
	1317	142	1116								14E114	(4LO) 80/75%	
	181	184	1117								AF11		
	184	188	1118										
	191	195	1119								4E11	± 8	(4LO) 99/1%
	195	198	1120								"		
	198	199	1121								"		
	199	11012	1122								"		
	11012	11016	1123								"		
	11016	11019	1124								"		
	11019	11113	1125								"		
	11113	11117	1126								AC3	± 9, ± 4	
	11117	11211	1127								"		
	11211	11215	1128								"		
	11215	11219	1129								"		
	11219	11313	1130								"		
	11313	11314	601131								"		
												Σ.O.H 148.0 ft	

CURRAGH RESOURCES INC.
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30 34 35	
	10.0	12.0				No Recovery.
	12.0	12.0				Overburden. / Jill
	12.0	26.0		101	4L0	Light rusty orange colour. Slightly weathered. Highly fractured & gouged. Soft. Recovery: 14.5-17.5 1ft lost 18-20 1ft lost RQD-0%
	26.0	37.0		102	1A1G4 ±3	Upper & lower cat broken/sharp. Weak bands of magnetite. Mod. broken. Grade: 8-10% Pb/Zn. Good Recovery RQD-1%
	37.0	42.6		103	1A211A (4L0) 80/20%	Upper & lower cats sharp/broken. 4L0 (37-38) light grey & soft. 4214 Grade: 2.3% Pb/Zn. Broken rx Good Recovery RQD-0%
	42.6	71.6	2	104	1A1L0 ±2	Grey green mod. soft PS ₂ -63° PS ₂ surface white grey, shiny. Good Recovery. RQD-2%

CURRAGH RESOURCES INC.
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
	76.2	81.1		105	14L10	Gouged. Fault? Good Recovery. ROD-0%
	81.1	88.5		106	14E11	Upper int gradational, lower int sharp/broken Grade < 3% Pb/Zn. Good Recovery. ROD-1%
	88.5	91.9		107	14L10	Gouge. Good Recovery. ROD-0%
	91.9	1113.0		108	14E11	±8 (4L0) 99/1% Mod. broken rx. Upper int & lower int gradational/broken. Grade 1-2% Pb/Zn. Recovery: 97.5-102.5 no core (mislabel?) ROD-1%
	1113.0	1314.0		109	14G13	±9, ±4, ±8 Trace rpy. Gradational lower & upper ints minor blebs of magnetite. Grade: < 4% Pb/Zn Gouge 126.5-127.0 Recovery: 126.5-130.5 ± 2.7 ft lost. ROD-5%
	1314.0	149.0		110	14L10	±5 Grey open color. Mod soft Gouge (144-144.9 ft). ROD-1%

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-12

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

Section 23+0e

Terr. Plane Co-ords.: 6902875.07 N

594360.08 E

Grid Co-ords: _____

Elevation: 1152.30

All symmetry determinations looking

Total Depth: 165'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
------	--------------	----	-----------------------------------

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

Code	FROM				TO (At)				Feature	COR	UPPER Dip Direct.				INTERNAL Dip Direct.				LOWER Dip Direct.				% ROD	Description				
	1	10	14	16	20	22	24	26			28	32	34	38	40	44	1	10	14	16	20	22			24	26	28	32
		100				40			N																			
		220				430			B2R	7																0	WEATHERED RUBBLY	
		430				547			B1	9																	70	
		547				622			B1	9																		
		622				671			B1	9																		80
		671				730			B1	9																		70
		730				975			B2	9																		30
		975				997			B2	9																		60
		997				1035			B2	9																		0
		1035				1115			B2	9																		50
		1115				1258			B2	9																		50
		1258				1309			B2	9																		0
		1309				1319			B3	9																		0
		1319				1370			B2	9																		0
		1370				1384			B3G	9																		0

Gauged & merged views
 S.D.H. 138.45

Code	From			To			Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	35		
	10			40					101				Casing - No return
	40			220					102				O.B. - Orange mud w minor boulders fragments 7-12 - 2ft lost; 12-17 - 4.5ft lost; 17-22 - 4ft lost
	220			430					103	4E4G			Rubby + powdery throughout. 22-27 - 1ft lost; 27-32 - 0.5 ft lost; 37-42 - 3ft lost; Rest of core v/c. Soft, brassy grey & weathered. Lower contact gradational. Can't estimate grade - too rubby RQI - 0%
	430			547					104	4E4G		17 #	Mod hard - Brassy greenish w maroon boulders & local Br bands. Good recovery. Lower contact gradational. Est Pb+Zn 5-8% RQI - 70%
	547			622					105	4G4F			Mod hard to soft - Brassy greenish, maroon & white. Good recovery. Lower contact gradational. Est Pb+Zn 12-15% Banding inconsistent.
	622			671					106	4E4F		±1-9, 7 minor (4L2)	60/40%
													Brassy greenish. Local gtz blebs - maroon speckles. 63.7-65.8 - Soft white + green pyritic massive schist.

Lithologic Log

Date: 2/04/70 Logged By: PL

Code	From			To			Recov.			No.			Unit			Description
	10	14	16	20	22	24	26	28	30	34	35					
																Lower contact sharp but broken - Good recovery Est Pb+Zn - 6-8% RQD - 80%
	67	1		73	0				107			464				
																Brassy greenish to maroon & white bands at 80° CA - Good recovery. lower contact sharp - marked by 1" rubble zone. Est Pb+Zn - 8-10% RQD - 70%
	73	0		97	5				108			410				±9 minor ±4 (4L29 ±4)
																PS2 65-70° CA - local minor lithons. Good recovery lower contact sharp & 11PS2 - mod. hard, black & minor white (gl) + Pb bands. S2 plane mod. indurated grey & mod. gross - Est Pb+Zn ≤ 2%
																73.1-74.1 - Greyish pyritic, minor sph/bn, sericite shift. RQD - 30%
	97	5		99	7				109			412				±4
																Same as sub-unit of unit 05 but minor sph/bn. PS2 at 75° CA - Good recov. lower contact sharp & 11PS2 RQD - 60%
	99	7		103	5				110			411				±4 ±6 ±8
																Brassy greenish - mod hard. Good recovery. lower contact sharp but broken. Est Pb+Zn 3-4% RQD - 0%

Code	From		To		Recov.		No.		Unit		Description
	10	14 16	20	22 24	26 28	30	34	35			
	1103	S	1111	S			111		4A14		±9
											Banded black, white + heavily + maroon - PS ₂ 55-60° CAx. Good recovery. Local lithons - lower contact gradual. Est Pb+Zn 10-12% RQD - 50%
	1111	S	1125	8			112		4A10		±9, 7 minor ±4
											PS ₂ 55-65° CAx - Local lithons. Same as unit 11 but lower grade. Local lithons - Good recovery - lower contact gradational. Est Pb+Zn 2-3% RQD - 50%
	1125	8	1131	0			113		31691614		
											Soft med gray - minor Py stringers. Good recovery S ₂ plane med gray + greeny. lower contact sharp - marked by 1" gouge. PS ₂ 75-85° CAx + cretulated. RQD - 0%
	1131	0	1138	4			114		4L2		±7, ±4 -
											White + v. soft - Py ± minor Pb + Spk/ln stringers PS ₂ 75-80° CAx - 137 - EUI - Gouged - minor g/z vein. Good recovery. Est Pb+Zn < 1% RQD - 0%

DDH 90-V-12
2 8

CURRAGH RESOURCES INC.

Lithologic Log

Date: 20/04/90 Logged By: PL

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
1												
		113184					116150			115	3.69/62	
												Black - soft - Psz 70° at top, 85° at bottom - Good recovery.
												5% Py bands 30% glz bands Non-calcareous
												RQD 40%
												EOH

DDH 90-N-12
2 8

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature Sym	S ₀		S ₁		S ₂		Description
	1	10	14	16	20	22	24	26		Dip	Direct.	Dip	Direct.	Dip	Direct.	
		1617		1713									810		CAX	
		1713		1916			PIS12						615-1710		CAX	
		1916		1917			PIS12						715		CAX	
		1013		1111			PIS12						515-1610		CAX	
		1111		1121			PIS12						515-1615		CAX	
		1121		1131			PIS12						715-1815		CAX + eroded	
		1131		1138			PIS12						715-1810		CAX	
		1138		1165			PIS12						710		at top	
													815		at bottom	

DDH 9.0-V-1.2
2 8

CURRAGH RESOURCES INC.

Split

Page 1 of
Logged by P. Hedwig
Sampled by

ASSAY LOG (SAMPLER'S COPY)

Date

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION	
	1	10	14	16	20	22	26	28	30	32	34	36		40
		122	0		126	2	600	4	3				41E1416	
		126	2		130	4		4	4				"	
		130	4		134	6		4	5				"	
		134	6		138	8		4	6				"	
		138	8		143	0		4	7				"	
		143	0		146	9		4	8				41E1416	±7 #
		146	9		150	8		4	9				"	"
		150	8		154	7		5	0				"	"
		154	7		158	5		5	1				41G1471	
		158	5		162	2		5	2				"	
		162	2		167	1		5	3				41E14	±1, ±9, 7 minor
		167	1		170	0		5	4				41G14	
		170	0		173	0		5	5				"	
		173	0		177	1		5	6				41A10	±9 minor ±4 (4L29±4)
		177	1		182	8		5	7				"	"
		182	8		187	7		5	8				"	"
		187	7		192	5		5	9				"	"
		192	5		197	5		6	0				"	"
		199	7		110	3		6	1				41E1	±4, ±6, ±8
		110	3		110	7		6	2				41A14	±9
		110	7		111	1		6	3				"	"
		111	1		111	6		6	4				41A0	±9, 7 minor, ±4
		111	6		112	1		6	5				"	"
		112	1		112	5		6	0				"	"

DIAMOND DRILL CORE LOG

Date: _____

90V13

Hole Number: 90V-13

Reference Fabric Orientation Diagram:

Project: Vangonda Fill in Drilling

Location: Vangonda Pit

Section: 23+0e

~~Claim~~
UTM
Terr. Plane
Co-ords.: 6902883.67 N

594369.10 E

Grid
Co-ords: _____

Elevation: 1153.09

All symmetry determinations looking

Total Depth: 166'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling
Contractor: _____

Size	<u>CORE</u> From	To	Collar Cased and Capped: _____
_____	_____	_____	

Hole
Cemented: _____ Steel
down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 9.0-V-1.2
2 8

CURRAGH RESOURCES INC.

Split

Page 1 of
Logged by P. Hedwig
Sampled by

ASSAY LOG (SAMPLER'S COPY)

Date

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION	
	1	10	14	16	20	22	26	28	30	32	34	36		40
		122	0		126	2	600	4	3				41E1416	
		126	2		130	4		4	4				"	
		130	4		134	6		4	5				"	
		134	6		138	8		4	6				"	
		138	8		143	0		4	7				"	
		143	0		146	9		4	8				41E1416	±7 #
		146	9		150	8		4	9				"	"
		150	8		154	7		5	0				"	"
		154	7		158	5		5	1				41G1471	
		158	5		162	2		5	2				"	
		162	2		167	1		5	3				41E14	±1, ±9, 7 minor
		167	1		170	0		5	4				41G14	
		170	0		173	0		5	5				"	
		173	0		177	1		5	6				41A10	±9 minor ±4 (4L29±4)
		177	1		182	8		5	7				"	"
		182	8		187	7		5	8				"	"
		187	7		192	5		5	9				"	"
		192	5		197	5		6	0				"	"
		199	7		110	3		6	1				41E1	±4, ±6, ±8
		110	3		110	7		6	2				41A14	±9
		110	7		111	1		6	3				"	"
		111	1		111	6		6	4				41A0	±9, 7 minor, ±4
		111	6		112	1		6	5				"	"
		112	1		112	5		6	0				"	"

W. Sample

DDH 9.0-V-13
2 8

CURRAGH RESOURCES INC.

Page 1 of

Logged by P. Ledwidge

ASSAY LOG (SAMPLER'S COPY)

Date 21/04/90 Sampled by

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30	32	34		
	7.2	8	7.7	2	610026						41E1181	\$ ±4, ±6 (404) (4LOBYA) 75/15/100
	7.7	2	8.1	6		27						
	8.1	6	8.5	4		28					41A101	
	8.5	4	9.1	1		29					41E1181	\$, ±4
	9.1	1	9.5	7		30					41A14	±7, ±9 minor
	9.5	7	10.0	3		31					"	
	10.0	3	10.5	0		32					"	
	10.5	0	10.9	7		33					"	

DDH 9.0-V.-1.3
2 8CURRAGH RESOURCES INC.
Lithologic Log

Page 3 of

Date: 20/04/90 Logged By: P. Hedwidge

Code	From				To				Recov.				No.				Unit	Description				
	10	14	16	20	22	24	26	28	30	34	35	10	14	16	20	22			24	26	28	
		0		50																	101	Casing No return
		50		55																	102	O.B. Grey + brown mud
		55		120																	103 4L6	Greyish green mud + flakes. 2.5ft lost RAD-0%
		120		215																	104 4L6	Weathered
																						As above but w orange oxidation RAD-0%
		215		587																	105 3G0	Med. grey/green - P _{S2} lam. at 50-55° CAX - S ₂ plane med green + shiny. - Soft - lower contact sharp - marked by mod. gouge. Good recovery. RAD-15%
		587		728																	106 4L0	V. soft light grey/beige - S ₂ plane light beige/green + grey. Gouged over 50% of unit. P _{S2} 60-70° CAX (shallow locally) Good recovery - lower contact sharp at 35° CAX RAD-0%

Code	From				To				Recov.				No.				Unit				Description			
	10	14	16	20	22	24	26	28	30	34	35	10	14	16	20	22	24	26	28	30		34	35	
		728				816														07	4E1.8		\$, ±4, ±6	(464)(4LOBXA) 75/10/15%
																								Brassy-greenish. mod hard to mod-soft. TOI-74.2. lens of baritic ore w 10-12% Pb+Zn. 74.9-75.8- Bracciated sericite phyllite. Good recovery. lower contact sharp+broken Est Pb+Zn 3-4% RQD - 75%
		816				854														08	4A.0			Hard, black white & banded - Good recov. lower contact sharp + broken - Est Pb+Zn < 1% RQD - 0% 65-70° CAx - sz plane mod grey + mod green
		854				911														09	4E1.8		\$, ±4	
																								Weakly ps ₂ laminated at 75° CAx - Brassy greenish mod hard. Good recovery. Est Pb+Zn 3-4% lower contact sharp - marked by 1" gouge. RQD - 80%
		911				1097														10	4A.4		±7 ±9 minor	V. hard - black - banded white + maroon & brassy. Good recov. ps ₂ 60-70 - local lithons + crinoidal near end of unit. Est Pb+Zn 8-10% lower contact sharp at 85° CAx. RQD - 80%

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16	20 22 24 26 28	30 34 35			
	11097	11124		111	3G9i	v. soft, med grey-green - S ₂ plane med grey/green + greasy. PS ₂ 75° CAX. Good recovery. Lower contact marked by 1" gouge. RQD - 0%
	1124	11302		4L2	±7	v. soft light beige PS ₂ 70-75° CAX - S ₂ plane light beige green + talcose". Gouged at 117.1-118.1 Good recovery. Lower contact sharp - weakly gouged. RQD - 70%
	11302	11322		5C1\$		Zebra rocks PS ₂ 85-90° CAX - w. crenulated - v. soft striped green + white.
	11322	11377		3G9i		Med grey/green - Good recov. PS ₂ 80° CAX. Good recov. S ₂ plane grey/green + greasy. RQD - 0%. Lower contact marked by 1" gouge.
	11377	11422		4L0		Light beige/green - PS ₂ crenulated + steep (70-85° CAX) Gouged intermittently. Lower contact gouged. RQD - 0% S ₂ plane v. light green + talcose".
	11422	11660		5A116i	±9	Med. hard black + white banded. S ₂ plane black + greasy PS ₂ 65-75° CAX. Good recovery. V. strongly broken + rubble. RQD - 0%

166 EOH

DIAMOND DRILL CORE LOG

Date: _____

90V14

Hole Number: 90V-14

Reference Fabric Orientation Diagram:

Project: Vangonda Fill in Drilling

Location: Vangonda Pit

Section: 23+0e

Terr. Plane Co-ords.: 6902893.67 N

594378.91 E

Grid Co-ords: _____

Elevation: 1153.87

All symmetry determinations looking

Total Depth: 152'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 90-N-14
2 8

CURRAGH RESOURCES INC.
 Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From			To			Feature	S ₂	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24			26	28	32	34	38	40	
		160		1254			PIS12						710		
		1254		1710			PIS12						510-160		
		1735		1815			PIS12						712		
		1870		1987			PIS12								wavy + inconsistent
		1987		110171			PIS12						610		
		110171		111191			PIS12						415		
		11191		113170			PIS12						415		
		113190		114120									615		
		114168		115120			PIS12						615		

DDH 90-V-14
2 8

CURRAGH RESOURCES INC.

Page 1 of

Logged by P. Hedwidge

ASSAY LOG (SAMPLER'S COPY)

Date 21/04/90 Sampled by April 30, 1990

CODE	FROM		TO		SAMPLE		INTR.		REC (m)	UNIT		DESCRIPTION	
	10	14	16	20	22	26	28	30	32	34	36		40
	70	2	73	3	60	107					4J14178	±1	(4648#) 50/50%
	73	5	77	5		108					4G14	±8 #	
	77	5	81	5		109					"	"	
	87	0	90	9		110					4A4	±7	(4E6) 90/10%
	90	9	94	8		111					"		"
	94	8	98	7		112					"		"
	139	0	142	0		113					4G14	±8, ±8 minor	

Section 23

Code	FROM		TO (At)		Feature	U/E	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description
	10	14	18	20			22	24	26	28	32	34	
	0.0		2.0		N	0							RQD
	25.4		70.2		B3T								2 Casing
	70.2		73.5		B1	9							2
	73.5		81.5		B1	9							90
	87.0		98.7		B2	9							
	98.7		107.1		F	8							0
	107.1		111.8		B2								50
	111.8		112.6		G								50
	112.6		119.1		B2								50
	137.0		139.0		FX	9							0
	139.0		142.0		B2	9							50
	142.0		146.0		FX	9							0
	146.8		152.0		B2	9							50
	181.5		187.7		B1	9							0 E.O.H. 152.0 F6
	111.9		113.7		B1	9							0 Local minor gouge

DDH 90-V-14
2 8CURRAGH RESOURCES INC.
Lithologic Log

Page 3 of

Date: 2/04/90 Logged By: P. Hedwidge

Code	From				To				Recov.				No.				Unit	Description
	10	14	16	20	22	24	26	28	30	34	35	10	14	16	20			
		10				20											Casing - No return	
		20				60											O.B. Beige clay w/ rock fragments - Till (ft lost)	
		60				254										103 31G9A	mod. oxidized	
																	PS2 70° CAX - v. soft light grey/green. S2 plane greyish/green + mod. oxidized. Good recovery however contact marked by Qtz vein RQD - 0%	
		254				710										104 31G91	Well banded med grey + white at 50-60° CAX - Crumpled + microlithons present locally. V. strongly broken // PS2 many "inter chips" areas. Lower contact sharp + marked by 2" gouge. Local minor gouge RQD - 2%	
		710				735										105 41J478 ±1	(4G48/#) 50/50%	
																	Dark grey v. hard Mt, Gr ± Sph, Po ± Py ore. V. strongly magnetic. Mostly Mt. Mottled. Grade uncertain due to Mt/Gr but probably high grade. 4G48 is pyritic + banded at 72° CAX - high grade. Overall Est Pb+Zn - 10-12% Good recovery. however contact sharp at 68° CAX - RQD - 90%	

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	735	815		1016	4G4	±8 # Brassy yellow + maroon - local white + black laminations. Good recovery. P52 72° CAX - Hard. Est Plt Zn 10-12% Lower contact sharp + irregular. RQD - 90%					
	815	870		1017	3G9	±4 (4L0) 85/15% Soft dark grey (locally light grey) + greenish banded non-calcareous, - S2 plane dark toned grey + greasy. T.OI - 87.6 - white sericite phyllite locally 3G9 is weakly to moderately sericitized. Lower contact sharp + rubble for 2". Good recovery. RQD - 0%					
	870	987		1018	4A4	±7 (4E6) 90/10% Black banded v. hard. P57 wavy + inconsistent. Good recovery. T.OI - 87.9 - Quartzite in Ba + Sphln similar to unit 06. Lower contact sharp at 70° CAX. Local < 5" guse zones. RQD - 60%					
	987	1071		1019	3G9.14	Fault (4L0) 90/10% 98.7-100.6 - Sericite schist - v. soft light grey. P52 60° CAX. 100.6 - EOI - Gouged + brecciated grey green sericitized phyllite. Fault - Good recovery. Lower contact sharp + gouged. RQD - 0%					

Code	From			To			Recov.			No.			Unit	Description
	10	14	16	20	22	24	26	28	30	34	35			
	1107	1119							110	4140				$\pm 2 \pm 7$
														V. soft - light beige S ₂ plane light beige + talcose PS ₂ laminated at 45° CAx - Good recovery. Gouge at 111.8-112.6. Lower contact sharp. Marked by 1cm brecciated felsic dyke at 45° CAx which forms unconformity w/ next unit's PS ₂ RQD - 50%
	1119	1137							111	31619				$\pm 6 \pm 4$
														V. soft med grey - S ₂ plane ductile grey + greasy - leaves silver powder on fingers - PS ₂ laminated at 45° CAx - local lithons - Good recovery. 1-2% Py stringers. Lower contact sharp but rubbly. Local sericitized lenses. Local minor gouge RQD - 0%
	1137	1139							112	41401				BXA ± 2 Fault
														White fault gouge w/ siliceous rock fragments + Py rock fragments. Lower contact sharp + irregular - Good recovery. RQD - 0%
	1139	1142							113	41614				$\pm 4 \pm 8$ minor
														Mod hard beige + brassy + grey w/ locally laminated (65° CAx) Good recovery. Lower contact sharp but rubbly - marked by seam w/ graphitic pebbles at 141.9-142.0. Est. thickness 8-10% RQD - 50%

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	11420		11468						114	4101	BXA ± 2. Fault
											Same as unit 12 Lower contact sharp & irregular Good recovery. RQI - 0%
	11468		11520						5A10		± 9 Blacks, mod. soft, S ₂ plane black & greasy. Pl ₂ lam at 65° AX - Good recovery. weakly pyritic RQI - 50%

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-15

Reference Fabric Orientation Diagram:

Project: Vangonda Fill in Drilling

Location: Vangonda Pit

Section: 23+0 e
Laim: _____

True Plane
Coordinates: 6902903.15 N

594392.29 E

Grid
Coordinates: _____

Elevation: 1153.94

All symmetry determinations looking

Total Depth: 152'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole cemented:	Steel	Size	CORE From	To	Collar Cased and Capped: _____
	down Hole:				

Assay Lab: _____

Certificate No's: _____ Started: _____ Completed: _____

90V15

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14	16	20					
	11166	14146			PIS12			810-1910	CAX shallows to 45° CAX
	14146	14177			PIS12				PS2 irregular
	14177	15120			PIS12			810	
	15120	18115			PIS12			715-1810	at TOI at FOT
	18162	19101			PIS12				PS2 steep + irregular
	19134	110101			PIS12				PS2 steep + irregular
	110101	110170						615-1710	weakly laminated
	110170	113100						510-145	
	113100	11347			PIS12			615	

DDH 90-V-15
2 8

CURRAGH RESOURCES INC.

Whole

Page 1 of

Logged by P. Lockridge

ASSAY LOG (SAMPLER'S COPY)

Date Sampled by

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	446		477		60013						4A44		
	520		569		14						4G4		
	569		618		15								
	618		667		16								
	667		716		17								
	716		765		18								
	765		815		19								
	815		864		20						4A44		±BXA
	901		934		21						4G4		
	1010		1035		22						4G64		
	1035		1070		23						11		
	1310		1347		24						4E4#		±6
	1347		1395		60025						4E1		±4 ±BXA

Code	From			To			Recov.			No.			Unit			Description
	10	14	16	20	22	24	26	28	30	34	35					
		0				40						01				Casing - No return
		40				65						02				O.B. Humus
		65				166						03				O.B. 6.5-12 - Yellow mud - 4 ft lost; 12-14 - Rusty gtz vein fragments; 14-15.5 3G9 chips (probably boulder) 0.5 ft lost; 15.5-16.6. yellow mud. Recov. 0.15.
		166				446						04	3G9			V. soft med to dark green/black. Sz plane med grey/green. Good recovery. PSz 80-90° CAX - shallow to 45° CAX within 2 ft up lower contact. Contact sharp at 45° CAX - v. strongly broken // PSz. R(1) = 0%
		446				477						05	4A44			V. hard black + brown - fir. Py. PSz irregular. Good recovery. Lower contact sharp but broken. Est Por 15-18% R(1) = 25%
		477				520						06	4L01			Weathered + porous
																light beige - v soft. Good recov. Sz plane light beige + porous. Lower contact sharp + broken. R(1) = 0% PSz 80° CAX

Code	From			To			Recov.			No.			Unit	Description
	1	10	14	16	20	22	24	26	28	30	34	35		
		5920		8115						06			464	±8 (4L1±2)
														PS2 75-80° at TUI + 65° at EUI. Brassy w maroon laminations + white specks. 76-EUI 2ft. just Rubbly + oxidized from 75.0 EUI - Rest of recov. o.k. 76-77- v-hard silicified white pyritic sericite phyllite. Lower contact rubbly. Est Pb+Zn- 10-12% RQD- 40%
				8115						07			4A44	±BXA
														v-hard, black maroon + minor white irregular bands + blebs. Lower contact sharp + rubbly. Entire interval rubbly. Good recovery. Est Pb+Zn 15-18% RQD- 0%
				862						08			4L2	
														v. soft white, lg stringers - mod. oxidized + powdery. Good recovery. PS2 steep + irregular. Lower contact sharp + irregular. Strongly brecciated. RQD- 0%
				901						09			4G4	
														Brassy, white + maroon. Good recovery + mod. hard. Lower contact sharp + irregular. RQD-
				934						10			4L2	
														Same as unit. 08. PS2 steep irregular. Good recovery. Lower contact sharp + irregular.

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	1100	1107	0						110	41664	
											light maroon, brassy + white - 30% Ba - Good recovery lower contact sharp but broken. Est Ph+Zn 12-15% weakly laminated at 65-70° CAX - RQD - 50%
	1107	1130	0						111	4142	
											Same as unit 08 - 15% 50-65° CAX - Lower contact sharp + broken RQD - 40%
	1130	1131	47						112	4141#	±6
											Brassy brown, maroon - very strongly calcitic - may also be baritic - has banded appearance of 404 15% at 65° CAX Good recovery Est Ph+Zn 6-8% RQD - 40% lower contact gradational
	1131	1139	5						113	4141	±4 1AXA
											Mod brecciated, vuggy brassy green, + hard. Good recovery lower contact sharp + rubble Est Ph+Zn - 3-4% RQD - 30%
	1139	1152							114	4140	(3G-4) 70/30%
											Vc soft + light beige. 143-0 - 146 - Snt light grey, green white. Rubbly throughout. 147-152 - 1ft lost. Rest up recovery O.K. RQD - 0%

152.0 EOH

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-16

Reference Fabric Orientation Diagram:

Project: Vangonda Fill in Drilling

Location: Vangonda Pit

Section: 21+0e

Terr. Plane Co-ords.: 6902889.99 N

594285.91 E

Grid Co-ords: _____

Elevation: 1148.01

All symmetry determinations looking

Total Depth: 85'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	<u>CORE</u> From	To	Collar Cased and Capped: _____
_____	_____	_____	

Hole Cemented: Steel
down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V16

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	1	10	14	16	20	22		24	26	28	32	34	38	40
			12	5		13	00	P1S12						7	1														
			13	0		14	9	3	P1S12						7	4													
			15	4		16	9	3	P1S12						6	5													
			16	9		18	5	0	P1S12						6	7													

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	149.3		151.4		60908							14E34 ± 8	
	151.4		155.9		60909							14A4 ± 7, ± 9 (4A0) 9+16%	
	155.9		160.4		60910							"	
	160.4		164.9		60911							"	
	164.9		169.3		60912							"	
													E.O.H 85.0 ft

Code	FROM		TO (At)				Feature	CUS REG	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description
	10	14	18	20	22	24			26	28	32	34	38	40	
															RQD
	1205		120					0							0
	1215		137					7							0
	123		154					9							0
	124		163					9							40
	1240		154												
	154		110					7							0
	1240		1940					8							0
	1943		18540												2

DDH F-90-16
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 1

Date: April 17/92 Logged By: MJC

Core No.	From		To		Recov.	No.	Unit	Description	
	10	14	18	22					24
		0.0		2.0				Casing - No recovery	
		2.0		5.1				Overburden fill small pod of ferrocrete	
		5.1		12.5		01	A-L0 *	Weathered Rusty orange colour. Highly fractured ± broken. zone at (10.5 - 12). Recovery: 5.1-10.0 2.5 10-12 1.6 ft lost	
								ROD-0%	
		12.5		30.0		02	B-E0 ±3	Upper contact sharp/gouged. Lower cont gradational. Friable. Dark grey colour, soft. PS ₂ - 77°. PS ₂ surface - granitic, mod shiny. Recovery: 12-15 1.7 ft lost 20.5 - 25.0 2 ft lost. 25-27 1.1 ft lost.	
								ROD-0%	
		30.0		49.3		03	A-L0	Upper cont sharp/broken. Lower cont gradational Friable. PS ₂ - 79° PS ₂ surface - dull/waxy Good Recovery	
								ROD-0%	
		49.3		51.4		04	A-EA ±8	Upper & lower cont sharp & irregular. Very hard. Good Recovery: Grade: 4-5% Pb/Zn. Fine grained pyrite Mod. broken	
								ROD-0%	

DDH F-9.D-1.6
 2 8

CURRAGH RESOURCES INC.
 Lithologic Log

Date: April 17/90 Logged By: MJC

3 1	From				To				Recov.				No.	Unit	Description
	10	14	18	22	24	28	30	34	38						
	51.4		69.3									05	A1A4A	±7, ±9 (4A4) 94/6% Very Hard, P _{S2} -65°, Grade: 12-15% Pb/Zn Lower part gradational Good Recovery	
	69.3		85.0									06	A40 ±1	Med. grey green, mod soft P _{S2} -67° P _{S2} surface shiny Qtz infilling of fractures. (76.4-77.4) Good Recovery	
														±7, ±9 (4A4) 94/6% RQD 2%	
														E.D.H 85.0 ft	

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-17

Reference Fabric Orientation Diagram:

Project: Vangonda Fill in Drilling

Location: Vangonda P.t

Section: 23+00e

Claim
Terr. Plane
Co-ords.: 6902862.34 N

594345.12 E

Grid
Co-ords: _____

Elevation: 1149.25

All symmetry determinations looking

Total Depth: 110'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling
Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Hole
Cemented: _____ Steel
down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V17

DDH V-90-17
2 8

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by MJC

ASSAY LOG (SAMPLER'S COPY)

Date April 20 1990 Sampled by _____

PTT whole sampler

CODE	FROM		TO		SAMPLE		INTR.		REC (m)	UNIT		DESCRIPTION	
	10	14	16	20	22	26	28	30		32	34		36
		137		141		60.093					1464	±8	37.2 - 42.0 4.2 ft lost
		141		146		94					"		
		146		150		95					"		47-50.6 1.5 ft lost
		150		152		96					1410	±4	

CORRECTION	FROM	TO (At)	Feature	CORRECTION	UPPER Dip Direct.				INTERNAL Dip Direct.				LOWER Dip Direct.				Description
					10	14	18	22	24	26	28	32	34	36	38	40	
	100	165	N	0													RQD
	1016	1521	RB3	9													Casing
	1625	11791															0.3
	11791	13791	BIR	7													0
	13791	15016															0
	1521	15710		9													0
	15710	16298	BIR	9													0
	16298	17043		9													40
	17103	11110															0
																	EOH. 11056

DDH V-20-17
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 1 of 2Date: April 18/90 Logged By: MSC

3	From		To		Recov.		No.		Unit		Description
	10	14	18	20	22	24	26	28	30	34	
		10.0		16.5							Casing. No Recovery.
		16.5		17.1							Over Burden.
		17.1		37.1				01	A1L0		Rusty orange color - weathered. Broken & Rubbly. Recovery: 22-25 1.6 ft lost. 32-37.0 3.8 ft lost. RQD - 0%
		37.1		50.6				02	A1G4 ±8		Broken & Rubbly. Dark grey color, Mod Hard. Grade: 12-15% Pb/Zn. Upper & lower cnt sharp/broken. Recovery: 37.1-42 -3.1 ft lost 47-50.6 1.5 ft lost. RQD - 1%
		50.6		52.1				03	A1L0 ±4,		Highly fractured & rubbly. Rusty, weathered. Recovery: 50.6-52.1 0.5 ft lost. Grade < 1% Pb/Zn RQD - 0%
		52.1		54.0				04	A1E4 ±7		Lower & upper cnts sharp/broken Grade: 8-10% Pb/Zn. Good Recovery. RQD - 1%
		54.0		57.0				05	A1L24 ±1		Lower & upper cnts sharp/broken. Stringers of sx. Grade: < 4% Pb/Zn. Good Recovery. RQD - 0%

DDH V-90-17
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 2 of 2Date: April 18/90 Logged By: MJC

Core No.	From		To		Recov.		No.		Unit	Description
	10	14	18	20	22	24	26	28		
7	57.0		62.8						106	AG4 ±1 (4L0) 80/20%
										4G4 - Moder. broken. Grade 4-5% Pb/Zn
										4L0 Green grey. Mod. soft
										Good Recovery
										RQD - 0%
	62.8		70.3						107	AG4A ±8 Fine grained pyrite. Minor bands of magnetite.
										Grade: 15-20% Pb/Zn Lower & upper cnts sharp/broken.
										Weakly banded. Good Recovery
										RQD - 90%
	70.3		75.8						108	A4Z ±4, ±5 Dark grey green soft. Grade: <2% Pb/Zn
										Recovery: 70.3 - 75.8 1.0ft lost
										Sharp/broken upper cnt. Lower cnt gradational
										RQD - 0%
	75.8		81.4						109	AA10 Upper & lower cnts gradational. PS ₂ - 70° PS ₂
										surface dull grey. Grade <4% Pb/Zn
										Good Recovery
										RQD - 0%
	81.4		109.0						110	3E0 Grey black. Mod. soft. PS ₂ - 68°
										Upper cnt gradational. Lower cnt sharp. 85° ± 1AX
										Good Recovery
										RQD - 0%
	109		110.0						111	4E0 ±5 Upper cnt sharp 85°. Minor carbonaceous bands
										No grade visible
										RQD - 0%
										E.O.H 110.0 ft.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-18

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

Claim: 2310 E

Terr. Plane Co-ords.: 6902853.06 N

594334.18 E

Grid Co-ords: _____

Elevation: 1148.27

All symmetry determinations looking

Total Depth: 132'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
------	--------------	----	-----------------------------------

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V/18

DTL 11 - complete

DDH 90-N-18
2 8

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by mc

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	16	20						22	26	28
	127.0		137.0		10131917			AF19				
	137.0		147.0		1918			"				
	162.0		167.0		1919			AF21				
	170.0		172.0		1910			AF21				
	177.3		182.5		191011			AF20	(4574) (90/10%)			
	1113.2		1117.0		191012			AF20				
									Σ.O.H 132.0 ft.			
									Density log			

DDH V-90-13
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 1 of 3

Date: 19/04/90 Logged By: MC

Core	From	To	Recov.	No.	Unit	Description	
1	10	14	16	20	22 24	26 28 30	34 36
	0.0	1.70		010			No Recovery
	1.70	2.70		090			Overburden. V. poor recovery
	2.70	4.70		011	ALG4		±8* Weakly banded. Sharp/broken lower int. Slight fissure w/ Hcl Poor Recovery: 37-47 4.7 ft lost. 27-32 4.5 ft lost. 32-37 1.8 ft lost. Grade: 7.8% Pb/Zn 42-47 3.0 ft lost
	4.70	5.20					No Core ROD-0%
	5.20	5.70		012	ALD		0.4 ft recovered. Broken & rubble ROD-0%
	5.70	6.20		013	ALZ4	±9	Trace of cp4. Fine grained pyrite & sx in stringers. Mt. soft Grey green colour. Grade: <2% Pb/Zn ROD-1%
	6.20	6.70		014	ALZ1	±8	Upper & lower int sharp/broken Fine blebs of magnetite interbedded, thru interval. Grade: <2% Pb/Zn Good Recovery ROD-65%
	6.70	7.00		015	ALD	±2, ±7	Upper & lower int sharp/broken Stringers of pyrite & pyrrhotite <5% ROD-0%

NEW SHEET

DDH 95-V-10
2 8

CURRAGH RESOURCES INC.

Lithologic Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	1710.0	1712.0					1016	1718.1				±4 Upper & lower cnt sharp/broken. Fine grained pyrite Grade: 4-5% Pb/Zn Good Recovery RQD-10%
	1712.0	1717.0					1017	1714.10				
	1717.0	1822.5					1018	1714.90				(4874) 90/10% Upper & lower cnts sharp/broken 400-stringers of sx. Grade Pb/Zn < 4% (4897) - minor units of magnetite. Grade 12-15% Pb/Zn mod fracturing. overall grade: 4-5% Pb/Zn Good Recovery RQD-0%
	1822.5	1811.32					1019	1816.9				±6 Grey Black colour, mud soft PSz - 82° PSz surface - graphite & glaucophane Upper cnt gradational/broken. Mod. to heavily fractured. Fracturing // to PSz surfaces. Qtz veins present Recovery: 82-87 1.5 ft lost 87-92 2.0 ft lost 92-97 1.5 lost 102-107 2.5 ft lost 107-112 3.0 ft lost RQD-0%

CURRAGH RESOURCES INC.
Lithologic Log

Code	From		To		Recov.		No.		Unit		Description	Section Z300E
	10	14	16	20	22	24	26	28	30	34		
	113.2		117.0				09			AAAD	Overall dark-grey colour in patches & bands of pyrite. Hard. Upper & lower cuts sharp/broken. Mod. Fractured. Grade < 2% Pb/Zn. Recovery 113.2 - 117.0 1.5 ft lost.	ROD-09.
	117.0		132.0				10			1440	±1.±2 Soft, Grey-green colour. Mod. to heavy Fracturing. Upper cut sharp/broken. Minor pyrite inlets present.	

Σ.0.4 132.0 ft

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 900-19

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

Section: 2308
Claim

Terr. Plane Co-ords.: 6902844.08 N

594.323.45 E

Grid Co-ords: _____

Elevation: 1147.42

All symmetry determinations looking

Total Depth: 102'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90 V19

DDH 90-7-19
 2 8

CURRAGH RESOURCES INC. Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature	S ₀ Dip Direct.	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	
	1	16	8		1	17	5	OPIS12					7	17	
	1	18	6		1	10	2	OPIS12					7	12	

DDH 9.0-1.9
2 8

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by mc

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	32.0		34.5		60034							4EP	
	47.0		50.0		35							4E11.8#	
	50.0		53.0		36							"	
	53.0		56.0		37							"	
	66.8		70.9		38							4AB	(A.O) 95/59
	70.9		75.0		39							"	
	75.0		78.8		40							4G4	±8, ±7, ±9
	78.8		82.6		41							"	
	82.6		86.5		42							"	
													E.O-14. 102.0

DDH V-90-19
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 1

Date: 20/04/90 Logged By: MC

Core No.	From				To				Recov.				No.	Unit	Description	
	10	14	18	22	24	28	30	34	22	24	26	28				30
																No Recovery
																Overburden
																Very Poor recovery. 22-34.5 1.0 ft lost. Grade difficult to estimate < 1% Pb/Zn
																ROD-0%
																Highly broken & rubbley ex. V. poor recovery: 34.5-37.0 2.3 ft lost 37.0-42.0 3.0 ft lost 42.0-47.0 3.3 ft lost
																ROD-0%
																Upper & lower cuts sharp/broken. Weakly calcareous. Weakly bedded. Grade: 2-3% Pb/Zn Good Recovery
																ROD-63%
																Upper & lower cuts sharp & broken. Minor Qtz veining Broken & fractured. Stringers of pyrite. Recovery: 57-62 2.5 ft lost 62-67 1.7 ft lost
																ROD-6%

DDH 2-90-19
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 2 of 2

Date: 20/04/92 Logged By: mc

3	From		To		Recov.		No.		Unit		Description
	1	10	14	18	20	22	24	26	28	30	
		66.8		75.0				05		4A8	(4L0) 95/5%
											4A0 - Magnetite weakly banded within core.
											PS ₂ - 77° PS ₂ surface dull grey colour/shiny.
											Grade: 2-3% Pb/Zn
											Good Recovery.
											ROD - 1%
		75.0		86.5				06		4G4	±5, ±7, ±9. Upper & lower cuts sharp & broken
											Fizzes weakly in acid. Trace of clay
											Weak banding present. Grade 10-12% Pb/Zn
											Good Recovery.
											ROD - 30%
		86.5		102.0				07		3G9	Dark grey colour. Mod. soft. PS ₂ - 77° Dull black PS ₂ surface
											Upper contact sharp/broken
											Recovery: 87-92 2.0ft lost 92-97 1.0ft lost
											97-102 2.5ft lost
											ROD - 0%
											E.O.H 102.0 ft

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-20

Reference Fabric Orientation Diagram:

Project: Vangonda fill in Drilling

Location: Vangonda Pit

Section: 2510E

U.T.M.
Terr. Plane Co-ords.: 6902810.07 N

504372.99 E

MODEL
Grid Co-ords: 9909.47E 9602.41N

Elevation: 1149.55

All symmetry determinations looking

Total Depth: 112'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90 V20

DDH 90-V-20
 2 8

CURRAGH RESOURCES INC.
 Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From		To		Feature	sym	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
	1	1513	9	1	1615	8	P1512					712		
	1	1615	8	1	1716	0	P1512							PS2 variable
	1	1716	0	1	1812	0	P1512					415	-1510	
	1	1812	0	1	1112	0	P1512					810	-1815	
	1	1417	5	1	1513	9	P1512							varies from shallow to steep (folded)

DDH 9.0-V-20
2 8

CURRAGH RESOURCES INC.

Page 1 of

Logged by P. Hedwidge

ASSAY LOG (SAMPLER'S COPY)

Date 30/04/90 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10	14 16	22 26 28 30	32	34 36	40 42	
	3160	3198	60180			46144	
	3198	436	181			"	
	436	475	182			"	(420) 65/35%
	475	507	183			4614817	#
	507	539	184			"	"
	658	709	185			47101	
	709	760	186			"	

DDH 101-3
2 8

CURRAGH RESOURCES INC.
Fault Log

Page _____ of _____

Date: 3/23/80 Logged By: JFK

Core No.	FROM		TO (At)				Feature RES	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description
	10	14	18	20	22	24		28	28	32	34	38	40	
														ROD
							0							
							9							50
							9							0 Core
														0-3
														0 weathered, possibly jointed
							9							0
							9							0
														0
														E.O.H. 102.0 ft.

Code	From				To				Recov.				No.				Unit	Description				
	10	14	16	20	22	24	26	28	30	34	35	10	14	16	20	22			24	26	28	
		0					20															Casing - No return
		2					270					8.2									02	Till - mixed oxidized orange powder, granite boulders, brown silty clay and minor sulphide fragments. 2-7-3ft lost; 7-12-4ft lost; 17-22-1ft lost; 22-27-4ft ft lost.
		270					360					11.0									103	4L1A Weathered, possibly gouged. White powder local silt vein fragments w/Py stringers. Lower contact sharp but rubble. 7.5ft lost RQD 0%
		36					475					14.5									104	4G1A (4A0) 85/15%
																						Mod hard to mod soft, greyish maroon - v. strongly broken. Good recovery. 46.1-EOE - v. hard strongly silicified black w/ minor graphitic quartz + silt vein. Lower contact sharp & irregular. Est Pb+Zn 15-18% RQD = 0%
		475					539					16.4									105	4G1B #
																						Mod hard, brassy, maroon & creamy. Well laminated. PSZ varies from shallow to steep. (folded) Good recovery! Lower contact sharp but rubble. Est Pb+Zn 10-12% RQD = 50%

Code	From	To	Recov.	No.	Unit	Description				
1	10	14	16	20	22 24	26 28	30	34	35	
	539	658	20.1	06	4L0	±2±7	(369±7)			50/50%
										Soft light beige to white w/ partings P _{S2} laminated at 72° CAX S ₂ plane light beige other - soft dark grey P _{S2} laminated at 72° CAX - S ₂ plane med grey. lower contact sharp + irregular. Good recovery. RUI - 0%
	658	760	23.2	07	4A0					
										Hard, black w/ ± white laminations, 50% Py lenses w/ minor ± ± + Gp. 72-77. 1.5 ft lost, rest O.K. Est Pb+Zn < 2% lower contact gradational. P _{S2} variable RAID - 0%
	760	820	25.0	08	5A1.9.6	→ [4A0]	± Gauge			
										Hard + siliceous, black w/ minor white laminations - 2-3% Py subeol. diss. xals. 2 ft lost, lower contact gradational. P _{S2} at 45-50° CAX - S ₂ plane dark grey to black, weakly crenulated + shing. RAID - 0%
	820	1120	34.2	09	5A9.6					
										Mod soft dark grey to black w/ white laminations. P _{S2} at 80-85° CAX - S ₂ plane dark grey + shing. 2-3% Py. 82-87 1ft lost; Rest O.K. Strongly broken // P _{S2} . RAID - 0%

112.0 EOH

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-21

Reference Fabric Orientation Diagram:

Project: Vanguarda Infill

Location: Vanguarda Pit

^{SECTION} Claim: 2510e

^{UTM} Terr. Plane Co-ords.: 6902830.55 N

594394.88 E

^{MODEL} Grid Co-ords: 9929.42E 9603.07N

Elevation: 1151.20

All symmetry determinations looking

Total Depth: 100'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V21

DDH V-90-21
2 8

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by MC

ASSAY LOG (SAMPLER'S COPY)

Date May 3/90 Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT	DESCRIPTION	
	10	14	16	20	22	26	28	30	32	34			36
	127.0		132.0		60248							A 614	4ft lost
	132.0		137.0		249							A 619	4.2 ft lost
	152.0		155.0		250							A 620	±1
	181.0		190.0		251							A 626	± 4 (4LO), (4AO) 70/25/5%
	191.0		193.0		60252							"	
													Σ.O.H 100.2 ft.

Sept 25

CURRAGH RESOURCES INC.
Fault Log

Core	FROM		TO (At)		Feature	Core	UPPER		INTERNAL		LOWER		Description	
	10	14	18	20			Dip	Direct.	Dip	Direct.	Dip	Direct.		
	1	10	14	18	22	24	26	28	32	34	38	40	44	
		100		55	N	0								RAD Casing
		370		380	N	0								Mis match?
		527		559	B2	9								0
		559		770	B3R	4								0 V. poor recovery
		770		820	N	0								
		865		937	B2									
														E.O.H. 100.2 ft.
		15		37										O.B
		138		152										0
		182		186	B3	9								
		193		201		8								
														E.O.H. 100.2 ft.

CURRAGH RESOURCES INC.
Lithologic Log

Code	From				To				Recov.				No.	Unit	Description
	10	14	16	20	22	24	26	28	30	34	35				
	10.0		15.5										1011		No Recovery
	15.5		22.5										1012		Overburden; Erroneous ^{oxidized} Very broken, rubbley mud. 19-22. 2.9 ft lost
	22.5		27.0										1013		No core.
	27.0		37.0										1014	1AIG4	Highly fractured, Rubbley. V. poor recovery. 27-32.0 4ft lost. 32-37. 4.2 ft lost. Grade difficult to estimate!! 10-12% Pb/Zn RQD- 0%
	37.0		38.0												No core.
	38.0		52.7										1015	13IG9 ±4	Upper cut broken. lower cut broken/sharp Grey black colour. PS ₂ -78° PS ₂ surface. dull dark grey Minor stringers of oxidized pyrite. Fracturing // to PS ₂ surfaces. Good Recovery. RQD-0%
	52.7		55.9										1016	1AEO ±1	Upper & lower cuts sharp/broken. Mod. broken. Grade: < 1% Pb/Zn Good Recovery RQD-0%

CURRAGH RESOURCES INC.
Lithologic Log

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	55.9	77.0							10A	3121	Very broken, rubble, poor Recovery! 58-62 2 ft. lost 63.5-65 1.0 ft lost 65-67 1.6 ft lost 67-72 4.6 ft lost. 72-77 3.6 ft lost.
	77.0	82.0									No core
	82.0	86.5							10B	3121	continued. 82.0-85.0 1.6 ft lost. Minor Qtz veinlets.
	86.5	93.7							10A	A121 ±4	(4L0), (4A0) 70/25/5% 456 - Fine grained pyrite. overall 3-4% Pb/Zn. 4L0 - light grey green, soft. Sharp/broken cuts. Mod. broken. Good Recovery. Overall grade: 3-4% Pb/Zn.
	93.7	100.2							110	4142	Sharp/broken upper cut, light grey green. Soft. Small stringers of pyrite present. Decent Recovery.
											RQD-0%
											RQD-1%
											RQD-1%
											S.O.H. 100.2 ft

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-22

Reference Fabric Orientation Diagram:

Project: Vanguarda Intill

Location: Vanguarda Pit

^{JCTICA} Claim: 25+0 E

^{UTM} Terr. Plane Co-ords.: 6902840.27 ✓ N

594406.43 ✓ E

Grid ^{MODEL} Co-ords: 9954.52 E 9602.52 N

Elevation: 1152.82 ✓

All symmetry determinations looking

Total Depth: 100'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
------	--------------	----	-----------------------------------

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V22

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT		DESCRIPTION			
	10	14	16	20				22	26		28	30	32
		25.0		30.0	60240					14G10			1.8 ft lost
		30.0		35.0	241					"			
		35.0		40.0	242					"			
		40.0		45.0	243					14G1			(40) 98/2% 2.5 ft lost.
		45.0		50.0	244					"			
		50.0		54.0	245					"			3.0 ft lost
		68.75		73.0	246					14C10			68-73 4.5ft lost
		73.0		79.0	60247					"			5.4 ft lost.
													5.0 ft 100 ft

Core Code	FROM		TO (At)		Feature	U E	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description
	10	14	18	20			22	24	26	28	32	34	
	10.0		12.0		N	0							ROD
	12.25		12.52		M	0							Casing
	12.52		40.0		B3	8							0
	40.0		59.0		B3	9							6
	59.0		67.0		B2	9							0
	67.0		70.5		B3R	5							ON PDS recovery, Rounded pieces
	12.0		12.25										0.3
	7.95		11.0										0
													E.DH. 100ft

CURRAGH RESOURCES INC.
Lithologic Log

Code	From		To		Recov.		No.		Unit		Description	Section 25+0.8
	10	14	16	20	22	24	26	28	30	34		
		10.0		2.0							No Recovery.	
		12.0		25.2							Overburden Ferricrete, oxidized Poor Recovery 5-10. 2.5 ft lost. 10-15. 2 ft lost. 15-22. 1.5 ft lost. 22.5-25.2 Mismatch.	
		125.2		140.0							Highly fractured, broken, cobbly; consistency of sand. Grade very difficult to estimate! ~ 7-8% Pb/Zn. Recovery 25-30. 1.8 ft lost.	RQD-0%
		140.0		154.0							(4LO) 98/2%.	
											460+ overall orange colour. weathered. Highly fractured/broken cobbly 40-45. guss, mod. sand like 1 ft lost. 45-50 2.5 ft lost. 50-54. 3.0 ft lost. 4LO- highly weathered fractured: rusty orange color. Overall grade difficult to estimate Guessing 4-5% Pb/Zn.	RQD-0%
		154.0		167.5							Dark grey colour, mod. soft. Minor veils of Qtz & disseminated pyrite. Upper & lower cuts. Sharp/broken. Mod. fractured. Recovery: 53-63 5.8 ft lost. 63-68. 3.2 ft lost.	RQD-0%

DDH V-90-22
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 2 of 2

Date: 26/04/90 Logged By: MC

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	67.5		79.5						106	AC10	? Rounded pieces, rubble. Very poor recovery. 68-73 4.5 ft lost 73-78 4.8 ft lost 78-79 0.6 ft lost. Grade? I just be guessing. ROD-0%
	79.5		100.0						107	AL2 ±9, ±7	(3G9) 95/5% Soft, talc bearing, grey green colour. minor obs. viewing. Good Recovery. ROD-0% E.O.H 100.0 ft.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-23

Reference Fabric Orientation Diagram:

Project: Vanguarda Est.

Location: Largoria Pit

Claim: 2510E

Ferr. Plane Co-ords.: 6902850.50 N

594417.50 E

Grid Co-ords: 996960E 9602.82 N

Elevation: 1154.39

All symmetry determinations looking

Total Depth: 125'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: _____ Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____ Started: _____ Completed: _____

90V23

DDH 90-N-23
2 8

CURRAGH RESOURCES INC. Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature	SYN	S ₀		S ₁		S ₂		Description
	1	10	14	16	20	22	24	26			Dip	Direct	Dip	Direct	Dip	Direct	
1	15	11	8		16	17	3		P1S12					65	-1710		
	17	30			18	12	2							610	-1615		
	18	12	2		11	10	2		P1S12					815	-1910		
	11	10	2	8	11	11	5		P1S12					815	-1910		
	11	11	5		11	2	00							815	-1910		
	11	2	00		11	2	50		P1S12					815	-1910		

ASSAY LOG (SAMPLER'S COPY)

Date 03/05/90 Sampled by

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	280		370		6039.2						4E1 #		±4 ±6? Rubble 1/2 core lost
	480		518		9.3						4E0 F1501		4E0 Mod
	673		730		9.4						4E101		±1 ±5 ±5 local (4L0) 60/40%
	730		776		9.5						4A01		±4
	776		822		6039.6						"		

Drill log

Code	FROM		TO (At)		Feature	REG	UPPER		INTERNAL		LOWER		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.		
1	10	14	16	20	22	24	26	28	32	34	36	40	44	
					R1							R1		
	178.0		37.0		R2							10		
	111.0		42.0		R5							0		* Concrete and steel lined
	111.0		51.8		R5							0		* concrete and steel lined
	111.8		166.0		R1							0		
	116.8		167.3		R1							0		
	177.0		82.2		R3	9						30		
	187.0		1102.9		R5	9						10		
	111.5		1230.0		R3	9						17.0		
	169.5		117.0											0/B
	117.0		1218.0			7						10		a Wed. lined.
	167.3		173.0			9						10		a
	1102.8		1111.0			9						11.0		
	1120.0		1125.0			9						12.0		

DDH 90-V-23
2 8

(G)

CURRAGH RESOURCES INC.

Page 3

Section 25 +00E

Lithologic Log

Date: 03/05/90 Logged By: P. Lodwidge

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24	26 28 30 34 35
	00	65		01		Casing - No return
	65	170		02		O.B. - Brownish orange sandy silt w/ rock fragments - Till. 6 ft lost - rock fragments mostly granitic
	170	280		03		Ferrocrite Orange rock fragments + silt - Minor grey pyritic sand w/ rock fragments - rocks may have been sulphidic. however contact sharp + rubble. 17-22 - 2ft lost; 22-27 - 1ft lost; 27-32 - 1.5ft lost. RQD - 0%
	280	370		04	4E11#	±4±6? Rubble Rubble + powder - Rock fragments pyritic + greyish - strongly calcareous, possibly baritic possibly sph/br bearing 27-32 - 1.5ft lost; 32-37 - 3ft lost, however contact sharp + rubble. RQD - 0%
	370	480		05	3E19	±6 Compacted mud weathered Mud + powder - black - leaves light tanned grey powder on fingers - locally is greenish + pyritic 37-42 - 4ft lost - 42-47 - 3ft lost however contact sharp but muddy.

Core	From		To		Recov.		No.		Unit		Description
	10	14	18	22	24	26	28	30	34	38	
	480		518					06		4EQ	Mud - Gouge
											Pyritic green mud. 47-52 - 2 ft lost sharp contact.
	518		673					07		3E2	Rubbls
											black + soft. P _{S2} lam. at 65-70° AX - S ₂ plane silvery grey + shiny. stains fingers dark grey. Linear contact sharp but gouged (66.8-67.3) Interval rubbly throughout 52-57 - 2.5 ft lost; 57-62 - 4.5 ft lost; 62-67 o.k. R(1) - 0%
	673		730					08		4E0	±1 ± \$ ± 5 local (4L0) 60/40%
											Hard, pyritic, brassy greenish w white Qtz blebs. 40% scoriatic knobs + patches. locally carbonaceous. Good recovery however contact sharp but broken. Est Pb+Zn < 2% R(1) - 12%
	730		822					09		4A0	±4
											Hard black + white + brassy banded. at 60-65° AX. Good recovery. however contact sharp but rubbly. Strongly knobs // P _{S2} . S ₂ plane duct grey to black + shiny + hard. Est Pb+Zn - 3-4% R(1) - 30%

Code	From	To	Recov.	No.	Unit	Description
	10 14 18	20 22 24 26 28 30 34 38				
	82.2	102.8		110	4L24	±7 ±Gauge (Fault)
						Soft beige w greenish tinge - P52 lam. at 85-90°CAx TWT= 88 - gauged. (possible fault) - 82-87 - 1.5ft lost; 87-92 - 0.5ft lost. Rest of recovery 0.15° lower contact poorly defined + gradational - strongly bedded (P52 - RQD) - 0%
	102.8	111.5		111	4L26	±7
						Same as above but more chloritic - Med green + beige - S2 plane med. green P52 85-90°CAx - Good recovery - lower contact gradational - RQD - 10%
	111.5	120.0		12	5C6	Zebra rock
						Soft green + white banding at 85-90°CAx - Good recovery. lower contact sharp + P52 S2 plane dark green - soft. Local lithons - strongly bedded P52 - RQD - 0%
	120.0	125.0		13	3G0	
						Green, white + minor grey P52 laminated + soft. Good recovery. P52 85-90°CAx. S2 plane dark greyish green + soft. RQD - 20%
						125.0 EOH

90V24

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-24

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

Section: 25+0E
Claim

Terr. Plane Co-ords.: 6902882.28 N

594451.05 E

Grid Co-ords: _____

Elevation: 1157.63

All symmetry determinations looking

Total Depth: 97'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
<u>NQ</u>	_____	_____	
_____	_____	_____	
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

CURRAGH RESOURCES INC.
Structural Log

Code	From		To		Feature	Sym	S ₀		S ₁		S ₂		Description	
	1	10	14	16			20	22	24	26	28	32		34
		1410		1412	7 P1S12							80		
		1412		1618	7 P1S12							70	-180	
		1618		1718	0 P1S12							55		
		1811		1835	5 P1S12							90		
		1717		1740	6 P1S12							50	-160	

DDH 90-V-24
2 8

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by P. Hedwidge

ASSAY LOG (SAMPLER'S COPY)

Date May 11/90

Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	970		11007		60187						4641		(4E6) 50/50%
	11007		11045		88						"		"
	11045		11080		89						41586		±4 ± \$ minor
	11080		11112		90						41511		±4
	11112		11145		91						"		"
	11145		11176		60192						4E1		(4L0) 50/50% BXA

Code	FROM		TO (At)		Feature	G.I.E.	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description	
	10	14	16	20			22	24	26	28	32	34		38
		105		150	M		0						10	
		105		107	G								10	
		1780		815	F		7						10	
		830		865	G		9						10	
		835		970	F								10	
		970		1045	M		9						160	
		1045		1080	F		9						170	
		1080		1145	B		9						170	
		1145		1176	X		9						170	
		150		170										
		1370		1407	B		9						10	
		1407		1427	B		9						10	
		1427		1680	B		9						10	Local mine gauge
		1680		1695	G		9						10	
		1695		1780									10	
		1815		1830									10	
		1830		1835	G								10	
		1117.0		1118.0			9						110	
		1118.0		1123.0	G		9						110	Gauged 50%
		1123.0		1128.0			9						110	
		1128.0		1128.5	G		9						110	Gauged 50%
		1128.5		1130.0			9						110	
		1130.0		1131.2	G		9						110	Gauged 50%
		1131.2		1138.0			9						110	
		1138.0		1140.0	G		9						110	Gauged 50%

DDH 90-V-24
2 8

Drilled NQ Core

CURRAGH RESOURCES INC.
Lithologic Log

Page 3 of 0

Date: 26/04/90 Logged By: P. Ledwidge

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30	34 35
	0	5.0		101		Casing - No return
	5.0	37.0		102		O.B. - mixed alternating black, beige, orange & brown compacted mud. locally phyllitic. Local granite boulder at 5-8.0. 5-8.0 - 2ft lost; 8.0 - 13.0 - 3ft lost; 13-18.0 - 3ft lost; 18-23.0 O.K.; 23-28.0 O.K.; 28-32.0 - 3ft lost; 33-37 - 4ft lost; Contact missing - sharp.
	37.0	40.0		103	36-6	± 4
						Same as unit 05 (Tube downball) lower contact rubble RQD 0%
	40.0	42.7		104	44-0	
						V. soft beige w green tinge - slightly oxidized. P52 laminated at 80°CAX. Gauge at 40.5-40.9. S2 plane light green/beige + shing. lower contact sharp + rubble. 38-43.0 - 1ft lost. lower contact sharp + rubble. Strongly broken // P52. RQD - 0%
	42.7	68.0		105	36-6	± 4
						V. Soft - mixed green w beige stringers + Py stringers. Strongly broken // P52 at 70-80°CAX - lower contact gradational. Strongly broken S2 plane med green + talcose.

Lithologic Log

Date: 26/04/90 Logged By: PL

Code	From		To		Recov.		No.		Unit		Description
	10	14 16	20	22 24	26 28	30	34 35				
											Good recovery: Local minor gouge. RQD - 0%
											Note: 43-48 - 10ft of rock - tag was probably omitted in box - hole is 140ft + not 135ft deep.
	68 0	78 0					06	4	4	2	
											Light beige & v. soft - greenish tinge. S ₂ plane white + talcose Gauged intermittently at 68-69.5 - 73-78 - 2ft lost. Root OK. Lower contact sharp - marked by gouge. RQD - 0% P ₉₂ at 55° CAX
	78 0	81 5					07	3	6	0	Fault
											Sandy gouge + 3G-0 + quartz vein rock fragments 1.5ft lost
	81 5	83 5					08	3	6	0	
											Dark to med green: soft. P ₉₂ lum. at 90° CAX - S ₂ plane med green. Gauged at 83.0 - EOI. marks contact. Good recovery. RQD - 0%
	83 5	97 0					09	4	4	2	Fault
											Gauged + throughout - local 4L2 + quartz vein fragments. 95-97 - sandy gouge.

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30 34 35	
	970	1045		110	4E6	(4E6) 50/50%
						Hard, locally soft - brassy & cream coloured softer lenses - intercalated throughout. Good recovery - lower contact gradational. Est Pb+Zn = 8-10% RQD = 60%
	1045	1080		111	4E26	±4 ±\$ minor
						Hard brassy greenish w black + narrow stringers. Lower contact gradational - good recovery. Est Pb+Zn 3-4% RQD = 70%
	1080	1145		112	4E11	±4
						Hard & brassy w gtz. Good recovery. Lower contact gradational. Est Pb+Zn 2-3% RQD = 70%
	1145	1176		113	4E11	(4L0) 50/50% BXA
						Same as unit 12 but has irregular patches & lenses of sericite rich white schist. Unit is brecciated. Lower contact gradational. Est Pb+Zn ≤ 2% RQD = 70%
	1176	1400		114	4L0	
						v soft, light greenish white to beige. Pz laminated at

DDH 90-V-24
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: 27/04/90 Logged By: PL

Code	From				To				No.	Unit	Description
	10	14	16	20	22	24	26	28			
											50-60°C AX - S ₂ plane white + talcose in green lime. Gouged at 118-123 (50%); 128-128.5; 130.3-131.2, 138-E01 (50%) Good recovery RQD-10%
											140 E01

DIAMOND DRILL CORE LOG

Date: _____

90V25

Hole Number: 90V-25

Reference Fabric Orientation Diagram:

Project: Vanguarda Intell

Location: 4 P.f

^{SECTION} Claim: 19+0 E

^{VTM} Terr. Plane Co-ords.: 6903013.914 N

594 328.302 E

Grid Co-ords: _____

Elevation: 1147.769

All symmetry determinations looking

Total Depth: 63'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	<u>CORE</u> From	To	Collar Cased and Capped: _____
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14 16 20 22 26 28 30 32 34 36 40 42						
	250	290	60289			4E87	#1
	290	330	290			"	"
	330	370	291			"	"
	370	380	292			4G375	#4, #9
	380	430	293			"	"
	430	480	294			4E17	#4
	480	530	295			"	"
	530	630	60296			"	"
	530	580				4E17	#4

Section 19

DDH 90-V-25
2 8

CURRAGH RESOURCES INC. Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature	S ₁ /S ₂	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
1	12	15	0	13	17	3									710	-1810	Weakly foliated & wavy

Case	FROM		TO (At)		Feature	REG	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description	
	10	14	18	20			22	24	26	28	32	34		38
	100		160		N	0							110	Casing
	37.3		43.1		R2	9							510	
	43.1		63.0		R1	9							710	
														End. 63.0 ft
	160		25.0											0/B
	25.0		37.3										115	

DDH 90-V-25
2 8

NQ-core

CURRAGH RESOURCES INC.
Lithologic Log

Page 3 of 1

Date: 23/04/90 Logged By: P. Ledwidge

Code	From		To		Recov.	No.	Unit	Description
	10	14 16	20	22 24				
	10		60			101		Casing - No return
	60		120			102		O.B. Dark brown mud + humus - 2ft lost
	120		25			103		O.B. - Green + beige till w/ rock fragments
	250		373			104	4E1871	±1 Brassy greenish w/ Mt stringers - Virtually magnetic Hard. Widely foliated + wavy at 70-80° CA - Good recovery. Lower contact gradual. Est Pb+Zn 2-3% RQD = 15%
	373		431			105	4C375	±4 ±9 Hard brassy greenish w/ qtz + silicified graphite blebs. Good recovery strongly magnetic - lower contact gradational. Est Pb+Zn = 2-3% RQD = 50%
	431		630			106	4E117	±4 Hard brassy greenish w/ siliceous qtz blebs + bands. Magnetic = Good recovery. Est Pb+Zn ≤ 2% RQD = 70%
								63.0 EOH

DIAMOND DRILL CORE LOG

Date: _____

90V26

Hole Number: 90V-26

Reference Fabric Orientation Diagram:

Project: Vanguard Infill

Location: " Pit

SECTION Claim: L 1110 E

UTM Terr. Plane Co-ords.: 6 903 187.964 N

594 156.072 E

Grid Co-ords: _____

Elevation: 1160.483

All symmetry determinations looking

Total Depth: 228'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 90-N-26
2 8

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From		To		Feature	F.S.	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
1	28	32	34	38	40	44							
	11210	6	11156	5	SP1S12							60	

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	90.0		97.0		60364							4A10	±9 Recovery 90.6-92 1.4ft lost 92-96.0 3.7ft lost 96-97 1.7ft lost 97-101 1.7ft lost
	97.0		102.0		365							4A10	±9 Recovery 97-101 1.7ft lost
	1102		1106		366							AG4	(486), (480) 80/15/5%
	1106		1111		367							"	
	1111		1115		368							"	
	1116		1120.5		369							4L12	(464) 75/25%
	1120		1125		370							4A10	(4L2) 95/5%
	1125		1130		371							"	
	1130		1135		372							"	
	1135		1142		373							"	Recovery 137.5-142 1.5ft lost
	1142		1147		374							"	
	1147		1152		375							"	
	1152		1155		376							"	Recovery 152-154 1.5ft lost
	1155		1160		377							"	155-158 1.5ft lost
	1160		1165		378							"	160-165 0.8ft lost
	1165		1169		379							"	
	1169		1173		380							4F11/4F8	169-171.5 1ft lost
	1173		1178		381							"	175.5-178.5 1ft lost
	1178		1182.5		382							"	178.5-181.5 1ft lost
	1182.5		1187		383							4E11	183-185 1.3ft lost
	1187		1192		384							"	186-191 1.5ft lost
	1192		1197		385							"	191-195 1.7ft lost
	1197		1202		386							"	195-197 0.6ft lost
	1202		1207		387							"	202-204 1.5ft lost 204-207 1.1ft lost
	1207		1212		388							"	
	1212		1217		389							"	
	1217		1222		390							"	

Section 11402

CURRAGH RESOURCES INC.
Lithologic Log

Code	From					To					Recov.	No.	Unit	Description	Sector
	10	14	16	20	22	24	26	28	30	34					
		0.0		151.6					15.2			100		No return. Casing.	
		151.6		190.0					27.4			101		Overburden, Grey-brown rubble & mud mixed w granite boulders.	
		190.0		1102.1					31.1			102	4A0 ±9	Heavily fractured rubble & some mud. Overall grey-black colour. Upper & lower cnts sharp & broken. Very difficult to estimate grade. ≈ 2-3% Pb/Zn. Poor Recovery: 90.6-92.0 1.4 ft lost; 92-96.0 3.7 ft lost. 96-97 1.7 ft lost; 97-101 1.7 ft lost. RQD-0%	
		1102.1		1115.8					35.3			103	4G4	(4E6), (4E0) 80/15/5% Cnts for both sub-units are sharp & irregular. 4E6 - Hard, dull reddish brass colour. Fine grained. Grade difficult to estimate < 4% Pb/Zn. 4E0 - Brassy colour, very hard. Grade < 1% Pb/Zn. 4G4 - Reddish-brown colour, hard. Minor fracturing. Good Recovery (100%). Upper & lower cnts sharp/broken. Overall grade: 10-12% Pb/Zn. RQD 60%	

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
	11115.8		11120.6		36.1	1014	1A142	→ [3G6] (4G4) 75/25%		
								4G4 - (119.3 - 120.6) Hard, reddish brown colour, Upper & lower cnts sharp/broken. Grade: 15-20% Pb/Zn. Minor fracturing. Good recovery.		
								4L2 → [3G6] Heavily fractured. Light grey-green. local silica flooding. Disseminated pyrite X15. Poor Recovery: 116.6 - 119 2.1 ft lost. Possible fault??		
								RQD - 1%		
	1120.6		1155.5		47.1	1015	1A10	(4L2) 95/5%		
								4L2 - Heavily fractured, rubble & gouged. Sharp/broken cnts within 400. Light-med grey-green		
								Recovery: 137.5 - 142 1.5 ft lost		
								400 - Dark grey colour. Mod hard. Heavily to moderately fractured. Qtz veins (122-123) PS ₂ - 65° PS ₂ - surface dull black colour. Upper & lower cnts sharp & broken. Good Recovery except ↗ Grade: < 3% Pb/Zn.		
								152-154 1.5 ft lost		
								RQD - 0%		
	11515.5		11609.7		51.7	1016	1A10	Heavily fractured, rubble. Mod. hard to soft. Altered. Some core internally has soft gouge. Upper & lower cnts broken/visible. Recovery 155.5 - 158 1. ft lost. 160 - 165 0.8 ft lost 169 - 171.5 1 ft lost.		
								Grade very difficult to estimate < 2% Pb/Zn		
								RQD - 0%		

DDH 90-V-26
2 8

(83)

CURRAGH RESOURCES INC.
Lithologic Log

Page 3 of 3

Date: 03/05/90 Logged By: MC

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	1169.7	1182.5	55.6	107	A1E11418	Upper & Lower cuts broken & some sharp. Heavily to mod. fractured. Rubble & some gouge. Brecciated (178.5-182.5) possible faulting? Recovery: 171.5-175.5 1ft lost 175.5-178.5 1ft lost 178.5-181.5 1ft lost. Grade difficult to estimate due to fracturing & magnetite w ox. 4-5% Pb/Zn. ROD-0%					
	1182.5	12128.0	64.5	108	A1E11	Heavily to moderately fractured. Some rubble & gouge present. Upper cut sharp/broken. Hard, brassy colour. Grade < 1% Pb/Zn. Possible faulting?? Poor Recovery: 183-185 1.3ft lost 186-191 1.5ft lost 191-195 1.7ft lost 195-197 0.6ft lost 197-201 1.0ft lost 201-202 0.5ft lost 202-204 1.5ft lost 204-207 1.1ft lost 219.5-222.5 0.5ft lost 225-228 1.3ft lost. From 227.8-228.0 brecciated 4LO. ROD-0% E.O.H 228.0					
						Hole was not drilled to target depth of 240 ft. Drilling problems.					

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-27

Reference Fabric Orientation Diagram:

Project: Vanguarda Infill

Location: " Pit

Section Claim: S 10+0 E

UTM Terr. Plane Co-ords.: 6903262.627 N

594192.926 E

Grid Co-ords: _____

Elevation: 1158.469

All symmetry determinations looking

Total Depth: 232'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V27

Code	From				To				Feature	S ₀ Dip Direct.	S ₁		S ₂		Description	
	1	10	14	16	20	22	24	26			28	32	34	38		40
	11111	4	11211	0	P1S12								618			
	11211	0	11611	0	P1S12								710			
	11611	0	11811	8	P1S12								618			

DDH 1190-27
2 8

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by mc

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30	32	34		
	1121.0		1121.0		61071017						4A0	±6, ±4 microm
	1121.0		1131.0		61071018						"	
	1131.0		1131.0		61071019						"	
	1131.0		1141.0		61071110						"	
	1141.0		1141.0		61071111						"	Rec. 141.5-147 1.5 ft lost
	1141.0		1151.0		61071112						"	147-152 0.8 ft lost
	1151.0		1151.0		61071113						"	152-157 0.5 ft lost
	1151.0		1161.0		61071114						"	157.0-161.0 1.3 ft lost.
	1181.8		1181.8		61071115						14C3	±6, ±9 trace → [4 ft]
	1181.8		1191.0		61071116						"	
	1191.0		1195.7		61071117						"	
	1195.7		1200.4		61071118						"	
	1200.4		1205.1		61071119						"	
	1205.1		1210.8		6107120						"	
	1218.5		1220.5		6107121						ACA	
												Σ 0.4 232.0 ft.
												@ WHOLE

DDH 90-V-27
2 8

Diamond Drill Core Log

Date: 04/05/90 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		23.2	89.0	41.0	AT COLLAR
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

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

Code	FROM				TO (At)				Feature	US FE	UPPER Dip Direct.				INTERNAL Dip Direct.				LOWER Dip Direct.				Description	RQD%
	1	10	14	18	20	22	24	26			28	32	34	38	40	44								
									N.P.														Casing OB	
									B3	8														0
									B2	9														0
									B2	9														5
									B2	9														45
									B2	9														0
									B3	9														0
									B3	9														0

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	10.0	135.5		100		No return, casing						
	135.5	111.4		101		Overburden; Jill consisting of grey-brown rubble & mud mixed w/ granitic boulders.						
	111.4	1121.0		102	3G9	±6 minor (4E1) 98/2%						
						3G9 - Grey black colour, Mod soft. High to mod. fracturing. Fractures // to PS ₂ surfaces.						
						PS ₂ - 68° PS ₂ surface graphitic & shiny. Minor stringers.						
						4E1 - Hard, brassy, minor fracturing. Sharp/broken cuts. Grade < 10% Pb/Zn						
						3G9 - Upper cut sharp, lower cut gradational.						
						Recovery: 111.0-113 1.4 ft lost 118-121 1.3 ft lost.						
						RQD - 0%						
	1121.0	1161.0		103	14A10	±6, ±4 minor.						
						Overall: dark grey colour. Hard to mod. hard.						
						PS ₂ - 70° PS ₂ surface graphitic/shiny dark grey. Upper & lower cuts gradational/broken; Mod. Fractured. Fractures // to PS ₂ surface. Small stringers of pyrrhotite present.						
						Qtz veins present (126.7-127.0) (157.5-161.0)						
						Recovery: 141.5-147 1.5 ft lost 147-152 0.8 ft lost						
						152-157 0.5 ft lost 157-161.0 - 1.3 ft lost.						
						The rest of interval good recovery. Grade < 1% Pb/Zn						
						RQD - 0%						

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	1161.0	1181.8							104	1369 ±6	<p>Mod. soft to soft. Dark grey colour.</p> <p>Minor stringers pyrrhotite & trace disseminated pyrite.</p> <p>PS₂-68° PS₂ surface semi-shiny grey/black colour.</p> <p>Fracturing // to PS₂ surfaces. Massive Qtz veining</p> <p>(164.1 - 165.0) (172-172.7). Mod. fracturing.</p> <p>Good Recovery except: 161.5 - 166.5 1.0 ft lost</p> <p>171.5 - 177.0 0.5 ft lost.</p> <p>RQD - 5%</p>
	1181.8	12110.0							1015	14143 ±6, ±9 minor. → [443]	<p>Hard. Dark-grey colour. Some weak banding present. Stringers of pyrrhotite & disseminated pyrite. Upper & lower cnts. gradational. Minor to mod. fractured. 182-184 Grade 2-3%. Pb/Zn</p> <p>Overall grade: < 2% Pb/Zn.</p> <p>Good Recovery (100%)</p> <p>RQD - 45%</p>
	12110.0	12118.5							106	A140 ±2	<p>Mod. soft. Green-grey colour. Fine grained. disseminated pyrite intermittent.</p> <p>Mod. fractured. Upper cnt gradational.</p> <p>Lower cnt. sharp/broken.</p> <p>Recovery: 212-216.5 0.9 ft lost.</p> <p>216.5-218.5 1.5 ft lost.</p> <p>RQD - 0%</p>

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	218.5		220.5						107	AKA	Highly fractured & broken. Upper & lower cnts sharp & broken. Hard. Grade difficult to estimate 4-5% Pb/Zn. Recovery: 2185-220.5 0.8 ft lost. RQD-0%
	220.5		232.0							1410	Soft, light green-grey color. Heavily fractured. Upper cnt sharp & broken. Recovery: 220.5-224 3.5 ft lost 224.5-226.5 1.5 ft lost 226.5-228.5 1.4 ft 228.5-232 1.8 ft lost. RQD-0%
											E.O.H 232.0

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-28

Reference Fabric Orientation Diagram:

Project: Vanguarda Intell

Location: Pit

Claim: Section 10+0 E

Terr. Plane Co-ords.: 6 903 241.273 N

594 169.848 E

Grid Co-ords: _____

Elevation: 1158.181

All symmetry determinations looking

Total Depth: 272'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90 V28

DDH 1-9-2-23

CURRAGH RESOURCES INC.

W. SAMPLE

Page 1 of 1

Logged by mc

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	16	20						22	26	28
	1149	5	1153	0	610151810				AA4 ±9			
	1153	0	1156	5	610151811				"			
	1156	5	1161	5	610151812				AA4 ±#			
	1161	5	1166	0	610151813				"			
	1166	0	1171	0	610151814				"			
	1171	0	1176	7	610151815				"			
	1176	7	1181	0	610151816				"			
	1181	0	1186	0	610151817				AA4			
	1186	0	1189	9	610151818				AA4 ±4			
	1189	9	1193	7	610151819				"			
	1193	7	1198	9	610151910				AC3 ±6, ±9			
	1198	9	1204	2	610151911				"			
	1204	2	1214	5	610151912				AC38 ±7			
	1214	5	1219	5	610151913				"			
	1219	5	1224	2	610151914				"			
									Σ O.H. 272.0 ft.			

Fault Log

Date: 09/05/90 Logged By: MC

Case No	FROM				TO (At)				Feature	REC	UPPER Dip Direct.			INTERNAL Dip Direct.			LOWER Dip Direct.			Description
	10	14	18	22	24	28	29	32			34	38	40	44						
	10	14	18	22	24	28	29	32	34	38	40	44								Casing
	13	17	21	25	29	33	37	41	45											O.B.
	12	16	20	24	28	32	36	40	44	B3	5									RQD-1%
	13	17	21	25	29	33	37	41	45	B2	9									"
	14	18	22	26	30	34	38	42	46	B3	8									"
	14	18	22	26	30	34	38	42	46	B3	6									Local minor gorge RQD-0%
	15	19	23	27	31	35	39	43	47	B1	9									RQD 0%
	18	22	26	30	34	38	42	46	50	B2	8									"
	18	22	26	30	34	38	42	46	50	B2	8									"
	19	23	27	31	35	39	43	47	51	B2	9									RQD-2%
	20	24	28	32	36	40	44	48	52	FIX	3									Fault
	20	24	28	32	36	40	44	48	52	B2	9									RQD-0%
	22	26	30	34	38	42	46	50	54	B1	9									RQD-20%
	22	26	30	34	38	42	46	50	54	B2	8									"
	23	27	31	35	39	43	47	51	55	B1	9									"
	24	28	32	36	40	44	48	52	56	B2	6									RQD 1%
	24	28	32	36	40	44	48	52	56	B2	9									"
	25	29	33	37	41	45	49	53	57	B3	5									"
	25	29	33	37	41	45	49	53	57	B2	9									"

Code	From	To	Recov.	No.	Unit	Description	Section 10400E
1	10	14	16	20	22 24 26 28 30	34 35	
	119.0	130.0	100			Casing. No return	
	130.0	1127.0	10			Jill consisting of grey rubble and mud mixed w granitic boulders.	
	1127.0	1149.5	10		BIG ±6	Mod. soft to soft. Med. grey colour. Upper cnt broken/sharp. lower cnt gradational. Minor shiners & veins of quartz. Mod to heavily fractured. PS ₂ -54° PS ₂ surface shiny/grey. Fracturing // to PS ₂ surfaces. Recovery: 127-130 1.8 ft lost 130-131 0.6 ft lost 131-136 1.8 ft lost 143.5-147 0.6 ft lost. 147.5-149 0.5 ft lost.	
							RQD - 1%
	1149.5	1156.5	100		AAA ±9 minor	Overall dark grey colour, hard. Upper cnt gradational. Lower cnt relatively sharp/irregular. Mod. to heavily fractured. 0.4 ft gouge present. P. Recovery: 150.5-156.5 2ft lost Grade 4-5% Pb/Zn	
							RQD - 0%

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	11716.5	11811.7		10A	AE11A ± #	(4E44), (4L0) 78/10/2 %						
						4E14 - Hard, brassy w some reddish brown patches. lower & upper conts sharp/irregular. Minor to Mod. fracturing: Grade 4-5% Pb/Zn. Some calcite present R-13 4E44 (1161.3-1163.7) Hard. Reddish brown colour (1161.3-1163.7) Grade: 15-20% Pb/Zn. 4L0 - Light grey grey soft. Carbonate present. Recovery Good (100%) Overall grade: 7-8% Pb/Zn RQD - 0%						
	11811.7	11816.0		10B	AA4	Overall dark grey w reddish brown bands. Upper cont Sharp/irregular, lower cont gradational Mod. fracturing Grade 5-6% Pb/Zn Recovery: 182-186 1ft lost. RQD - 0%						
	11816.0	11913.7		10b	AA0 ± 4	Hard brassy color w black ribbon bands. Upper & lower conts gradational. Mod to heavily fractured. Grade < 2% Pb/Zn. Upper cont gradational, lower cont sharp Recovery: 187-192 1.1ft lost. RQD - 0%						
	11913.7	12014.2		10c	AC3 ± 6, ± 9 minor (4L0) 98/2%	Hard. Grey at ± 6 w fine grained pyrite. Trace cpy. Mod to heavily fractured. Upper & lower conts Sharp/broken.						

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
	1193	1204		107	A1C3	continued. 4L0 - Soft: Green grey. Heavily fractured (194.6 - 195.0) Recovery: decent. Overall grade < 1% Pb/Zn RQD - 27%
	1204	1209		108	A1L0	FAULT Polymictic breccia. Angular & rounded fragments of (4L0) & (4E1) within a gouge matrix. Fractured & broken.
	1209	1234		109	A1C3B ±7	Dull brassy colour w grey Qtzite. Hard. Upper & lower cnts sharp & broken. Fine grained Pyrite. Tiny blebs of magnetite (1-3mm) present. Mod. fractured. Decent Recovery except 217-219 0.7 ft lost. Grade: Overall 2-3% Pb/Zn. RQD - 0%
	122A	1242		110	A1L2 ±7	Med green-grey colour. Mod soft to hard. Upper cnt sharp/broken. lower cnt gradational. PS ₂ - 56° PS ₂ surface grey/taffy. Fracturing // to PS ₂ surface. Veinlets of Pyrite & pyrrhotite. Decent recovery except for 227-232. 1.0 ft lost. RQD - 20%

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-29

Reference Fabric Orientation Diagram:

Project: Vanguarda Infill

Location: " Pit

Claim: Section 10+0 E

Terr. Plane Co-ords.: 6963 220.186 N

594 144.379 E

Grid Co-ords: _____

Elevation: 1157.277

All symmetry determinations looking

Total Depth: 287'

_____ with _____ dipping

Inclination: - 90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	

Assay Lab: _____

_____	_____	_____
_____	_____	_____

Certificate No's: _____

Started: _____ Completed: _____

90V29

DDH 9.0-V-29
2 8

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From			To			Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24			26	28	32	34	38	40	
	1215	16		1817	0		PISB						711		not well developed

DDH V-90-29
2 8

Diamond Drill Core Log

Date: 09/05/90 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				
I																	
T																	

Code	Drillhole	Depth				Zenith Angle	True Azimuth	Comments	
		2	8	10	14				22
R								A.T. COLLAR	
R			287	0	88		356		
R									
R									
R									
R									
R									
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R									

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

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

28

Section 10 to 08

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 36	40 42	
	1122.5	1128.0	61015129			AGA1*	±6, ±8 (4L) 98/2%
							Recovery 122.5-127 3.4 ft lost
	1128.0	1132.5	61015130			"	127-128 0.6 ft lost 128-132 1.5 ft lost
	1132.5	1137.5	61015132			"	
	1137.5	1142.5	61015133			"	
	1142.5	1147.5	61015134			"	
	1147.5	1153.0	61015135			"	
	1153.0	1158.0	61015136			4511	±6, ±8, ±4 ± Bx. (4164), (412) 93/5/2%
	1158.0	1163.0	61015137			"	
	1163.0	1168.0	61015138			"	(161.5 - 166) 2.0 ft lost
	1168.0	1172.0	61015139			"	
	1172.0	1177.0	61015140			"	172-176.5 1.0 ft lost
	1177.0	1182.0	61015141			"	
	1182.0	1187.0	61015142			"	
	1187.0	1192.0	61015143			"	187-192 0.6 ft lost
	1192.0	1195.0	61015144			"	
	1195.0	1198.0	61015145			"	
	1198.0	1202.0	61015146			196A	±4, ±8
	1202.0	1206.0	61015147			"	
	1206.0	1211.0	61015148			"	
	1211.0	1215.0	61015149			A3K	±9 4C4 (98/2%)
	1215.0	1219.0	61015150			"	217-222 0.9 ft lost
	1219.0	1223.0	61015151			"	222-223 0.5 ft lost
	1223.0	1228.0	61015152			"	223-225.6-0.8 ft lost / 225.6-226.5 1.0 ft lost
	1228.0	1232.0	61015153			"	
	1232.0	1237.0	61015154			"	235-237 1.1 ft lost
	1237.0	1241.0	61015155			A211	±6, ±9 minor
	1241.0	1246.0	61015156			"	
	1246.0	1251.0	61015157			"	
	1251.0	1256.0	61015158			"	
							Σ O.H. = 287.0 ft.

Case	FROM	TO (At)	Feature	UPPER Dip Direct.	INTERNAL Dip Direct.	LOWER Dip Direct.	Description
	10 14 16 20 22 24 26 28			32 34 36 38 40 44			
	10	14	M P 0				Casing
	14	16					O.B.
	16	20	B ₃ 1				RQD - 0%
	20	22	B ₃ 3				"
	22	24	B ₁ 9				"
	24	26	B ₃ 9				"
	26	28	B ₁ 9				"
	28	30	B ₂ 9				RQD - 20%
	30	32	B ₂ 6				"
	32	34	X ₁ 9				"
	34	36	B ₂ 9				"
	36	38	B ₂ 8				"
	38	40	X ₂ 8				"
	40	44	B ₂ 8				Possible fault
			B ₂ 9				RQD - 75%
			B ₂ 8				RQD - 2%
			C ₃ 8				Gravel seam 0%
			B ₂ 8				RQD 2%
			B ₁ 9				RQD - 40%
			B ₃ 9				I gauge RQD - 3%

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
	10.0	14.0	12.2	1010		No return, casing
	14.0	122.5	37.2	1011		Overburden: Till consisting grey-brown rubble & mud mixed w granitic boulders.
	122.5	153.2	46.7	1012	4G4*	±6, ±8 (4L0) 98/2%
						4L0 - Light green-grey colour. Soft. Intercalated as beds ± small lenses. Heavily fractured over interval (141-145 ft) R-7.7
						4G4* - Hard to mod. hard. Overall reddish brown colour w weak bands of grey-white. Mod to minor fracturing. Upper ± lower cuts sharp / breaks
						Grade: 10-12% Pb/Zn. Good recovery except for 122.5-127 3.4 ft lost 127-128 0.6 ft lost 128-132 1.5 ft lost
						122.5-128 - rusty coloring, weathered. 128-132 1.5 ft lost R00-0%
	153.2	198.5	60.5	1013	4E1	±6, ±8, ±4 ± Brx. (4E164), (4L2) 93/5/2%
						4E164 - Hard, Reddish brown colour w white patches Grade 8-10% Pb/Zn
						4L2 - Gouge, grey-green w small pyrite xls. (167.8-168)
						This interval is brecciated (mod to slight) (166.5-167.5 slight) (170.5-171.5 slight), (187.4-188.9 mod) (189.4-191 mod) Possible faulting - ?

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
	11513.2	11918.5		1013	"	Continued.
						451- Hard, Brassy colour. w brx intervals stated previously.
						whole interval mod to heavily fractured. Grade: < 2% Pb/Zn.
						Recovery good except for: 166.5-166 2.0 ft lost.
						172-176.5 1.0 ft lost 176.5-181.5 0.8 ft lost
						187-192 0.6 ft lost Upper & lower cuts sharp/broken.
						Overall grade 2-3% Pb/Zn.
						RQD - 20%
	11918.5	12111.1	64.4	1014	" 14G4 ± # ± 0	Hard, Reddish-brown colour. Some parts
						of interval calcareous (30%). Weakly banded.
						Upper & lower cuts sharp/broken. Minor blebs (1-2mm)
						of magnetite present. Mod to minor fracturing.
						Grade 10-12% Pb/Zn.
						Good Recovery.
						RQD - 35%
	12111.1	12316.8	72.2	1015	" 14C3 ± 9 (4C4) 98/2%	4C4 - (273.6-274.0) Hard, Reddish brown.
						Grade 3-4%. Upper & lower cuts sharp.
						4C3 - Hard, brassy colour. Fine grained pyrite.
						Upper cut sharp/broken. Lower cut gradational. Grade < 2% Pb/Zn
						Mod. to heavy fracturing. Poor recovery in some
						intervals, rounded pieces of rx. Otherwise good.

From	To	Recov.	No.	Unit	Description
10 14 16 20 22 24 26 28 30 34 35					
12111.1	12136.9	72.2	105	A13C ±9	(4C4) 98/2% Continued.
					Recovery: 217-222 0.9 ft lost. 222-223 0.5 ft lost
					223-225.6 0.8 ft lost 225.6-226.5 1.0 ft lost
					226.5-227.5 1.0 ft lost. 235.5-237 1.1 ft lost
					Gravel seam 224.6-225.6
					Overall grade < 2% Pb/Zn
					RAD-2%
12136.9	12151.6	78.1	106	A1511 ±6, ±9 minor.	Hard, dull brassy colour. Upper cut gradational.
					lower cut sharp/broken. Minor fracturing. Py < 2%.
					Good Recovery. Grade < 1% Pb/Zn
					RAD-40%
12151.6	12187.0	87.5	107	A1410 ±2, ±7	Soft - Light-mel grey green. Upper cut sharp/broken.
					Stringers & veinlets of pyrite & pyrrhotite.
					Minor to mod. fracturing. PS ₂ not very well developed. ~ 71°. P ₂ surfaces shiny-grey green.
					Some, Qtz vei in filling fractures.
					Geog present (229.2-230.0) possible small fault.
					Good Recovery overall.
					RAD-3%
					Σ.O.H 287.0 ft.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-30

Reference Fabric Orientation Diagram:

Project: Vanguarda Infill

Location: " Pit

Section
Claim: 15+0E

UTM
Terr. Plane
Co-ords.: 6902919.27 N

594496.00 E

Grid
Co-ords: _____

Elevation: 1160.12

All symmetry determinations looking

Total Depth: 82'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling
Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	

Hole
Cemented: _____ Steel
down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V30

DDH 90-V-30
2 8

CURRAGH RESOURCES INC.

54211

Page 1 of

Logged by P. Ledwidge

ASSAY LOG (SAMPLER'S COPY)

Date 26/07/90 Sampled by

CODE	FROM				TO				SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30					
	137	0	141	2	60233						4K101	±4	
	141	2	145	5	234						"	"	
	145	5	149	0	235						4K101	±4?	
	149	0	153	5	236						4L01	±\$±4	
	153	5	156	0	237						4E11	±4, ±8 minor	
	156	0	159	0	238						4L01	±4 minor ±8 ±\$ minor	
	159	0	162	0	239						"	"	

50175

Code	FROM		TO (At)		Feature	REC	UPPER		INTERNAL		LOWER		Description
	Dip	Direct	Dip	Direct			Dip	Direct	Dip	Direct	Dip	Direct	
1	10	14	18	20	22	24	26	28	32	34	38	40	RD 44
	10.0		12.5		N								
	33.0		45.5		R	9						10	
	45.5		49.0		R	9						10	
	49.0		52.5		R	9						10	
	52.5		56.0		R	9						10	
	56.0		62.0		R	9						10	
	62.0		67.0		R	9						10	
													SOUTH 93 ft
	12.50		37.0										93

Code	From			To			Recov.		No.		Unit		Description
	1	10	14	16	20	22	24	26	28	30	34	35	
		10			25					101			Casing - No return
		25			45					102			O.B. - Dark brown humus
		45			37.0					103			O.B. - Granite boulders, mixed pebbles & cobbles + oxidized orange mud. Till. 6.5-10.5 - 1ft lost; 10.5-15.5 - 2.5ft lost; 15.5-18.0 - 2ft lost; 23-25.5 - 1ft lost; 25.5-28.0 - 2ft lost; 28-32.5 - 1.5ft lost; 32.5-37.0 - 2ft lost. Rest 0.15. Contact rubbly.
		37.0			45.5					104	4C101	±4	Rubble Light greyish white + brassy. Rubbly throughout. Good recovery. Hard. lower contact sharp + rubbly. Est Pb+Zn 1-2% RQD 0%
		45.5			49.0					105	4C101	±4?	Rubble Black powdery + rubbly oxidized Py + Qtz - possibly Spinel brassy - too rubbly to fill - non-magnetic + non-calcareous. Good recovery. lower contact sharp + rubbly RQD 0%
		49.0			53.5					106	4C101	±5 ±4	Rubble Rubbly + powdery. brassy greenish oxidized Py + Qtz. 49-50.5 - 1ft lost; 50.5-52.0 - 0.5ft lost; rest of recovery 0.15. lower contact gradational. Est Pb+Zn ≤ 2% RQD 0%

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20	22 24 26 28 30 34 35				
	53.5	56.0		1017	4E11	$\pm 4 \pm 8$ minor
						Hard, brassy yellow to grey. Local Mt. stringers. Good recovery. Lower contact gradational. Est Pb+Zn 52% RQD - 80%
	56.0	62.0		1018	4C10	± 4 minor - $\pm 8 \pm 4$ minor
						Hard white to brassy hard - irregularly steeply bedded. Good recovery. Lower contact sharp but broken. Est Pb+Zn 42% RQD - 50%
	62.0	182		1019	4L672	$\pm 1 \pm 4$ \rightarrow [4C0 ± 4 + sericite]
						Soft, locally hard. Light beige/greenish white. PSe laminated at 65-70° CAx. Good recovery. S2 plane v. light green + "falrose". Strongly broken // PSe. Est Pb+Zn 41% RQD - 0%
						S2 - EOH

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-31

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

Section: 25+0 E

^{UTM}
Terr. Plane
Co-ords.: 6902911.10 N

594484.25 E

Grid
Co-ords: _____

Elevation: 1159.32

All symmetry determinations looking

Total Depth: 96'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling
Contractor: _____

Hole
Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V31

DDH $\frac{9.0}{2} - \frac{V}{8} - \frac{3.1}{8}$

CURRAGH RESOURCES INC. Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature Sym	S ₀			S ₁			S ₂			Description
				Dip	Direct.	Dip	Direct.	Dip	Direct.	Dip	Direct.		
1	10	14 16	20	22 24	26 28	32	34	38	40	44			
	1313	6	1490	PIS12					615				
	1490	1690							410-1510				
	1714	6	1817	9					610-1710	irregular bending			
	1817	9	1916	0 PIS12					615				

DDH 9.0-V-3.1
2 8

CURRAGH RESOURCES INC.

Page 1 of

Logged by P. Ledwidge

ASSAY LOG (SAMPLER'S COPY)

Date 26/04/90 Sampled by

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	16	20						22	26	28
	22	0	26	0	60205			4K10	±4? Rubble			
	26	0	30	0	206			"	"			
	30	0	33	6	207			4H13114	BXA			
	33	6	38	7	208			4G3	±8			
	38	7	43	8	209			"	"			
	43	8	49	0	210			"	"			
	49	0	54	0	211			4E1164	±8			
	54	0	59	0	212			"	"			
	59	0	64	0	213			"	"			
	64	0	69	0	214			"	"			
	69	0	74	6	215			4E101	±6±4±1			
	74	6	79	0	316			4K171	±4			
	79	0	83	4	217			"	"			
	83	4	87	9	60218			"	"			

DDH 20-N-31
 2 8

CURRAGH RESOURCES INC.
 Fault Log

Page _____ of _____

Date: 09/08/90 Logged By: P.L.

Core	FROM		TO (At)		Feature	REG	UPPER		INTERNAL		LOWER		Description
	10	14	18	20			22	24	26	28	32	34	
	10.0		16.5		N	0							Casing
	12.0		30.0		R	9						10	
	13.0		33.6		X	9						150	
	14.0		69.0		B1	9						70	
	16.0		74.6		B2	9						20	
	17.46		87.9		B2	9						50	
	18.79		91.0		B2	9						10	
													S.O.H 26.0 ft.
	16		121										O/B
	133.6		149.0			9						140	

Code	From			To			Recov.			No.			Unit	Description	
	10	14	16	20	22	24	26	28	30	34	35				
		10		6	5						1011				Casing - No return
		6	5	12	20						1012				O.B. Orange oxidized sandy mud w/ granite boulder fragments - Till. 7-12.0 - 4.5ft lost; 12.0-17.0 - 4ft lost; 17.0-22.0 - 4.5ft lost. Contact sharp rubble.
		12	0	30	0						1013	4K40			±4? Rubble
															Rubble & powdery - black & brassy Py sand w/ qtz - local rock fragments. Greyish locally. Ph+Zn content impossible to estimate - may be high or low. 29.0-30 - 0.5ft lost. Rest of recovery O.K. Non mag or calcareous. R(12) - 0%
		30	0	33	6						1014	4K31	14		BXA
															Hard brassy, mottled white - Rounded to subangular qtz fragments in poorly matrix. Sph/bn ass. w/ qtz & possibly in locally. Good recovery; however sharp & broken. Est Ph+Zn 4-6% R(12) - 50%
		33	6	49	0						1015	4K31			I 8
															PS2 SS ^o CAX - Hard, non calcareous, brassy w/ qtz. weakly laminated. Good recovery. No visible sph/bn. Est Ph+Zn < 2% - however contact gradational. R(12) - 40%

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30 34 35	
	1490	1690		106	4E11614	± 8
						Hard w soft laminations, brassy greenish, w/ky laminated at 40-50° CAX - Good recovery. Lower contact gradational. Est Pb+Zn 4-6% - local Sph/±6m ≤ 2" patches. RQD - 70%
	1690	1746		107	4E101	$\pm 6 \pm 4 \pm 8 \pm 1$
						Hard pyritic + brassy green - irregular qtz laminations. Good recovery. Lower contact sharp but rubbly. Est Pb+Zn 2-3% RQD - 20%
	1746	1879		108	4K171	± 4
						Hard white banded = Py+Po (brassy). Irregular banding at 60-70° CAX - Good recovery. Lower contact gradational. Higher grade over last 3 ft (6-8%). Est Pb+Zn 3-4% RQD - 50%
	1879	9160			4L1672	$\pm 1 \pm 4 \rightarrow [4C0 \pm 4 + sericite]$
						Soft, locally mod hard, whitew greenish tinge w dark green chloritic stringers + Py, Py ± Sph stringers. Good recovery. S ₂ plane light greenish beige + soft. PS ₂ at 65° CAX. RQD - 0% strongly broken // PS ₂ . Est Pb+Zn ≤ 2%
						EOH

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-32

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

Section: 25+0E
Claim

UTM
Ferr. Plane
Co-ords.: 6902899.64 N

594473.12 E

Grid
Co-ords: _____

Elevation: 1158.56

All symmetry determinations looking

Total Depth: 103.7'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling
Contractor: _____

Hole
Cemented: _____ Steel
down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V32

54-11

DDH V-20-32
2 8

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by MC

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10	14 16	20 22	26 28	30 32	34 36	40 42
	14.1	14.6	60219			14G4	±1
	14.6	15.0	220			14E18	
	15.0	15.5	221			14E10	±1, ±8, ±9
	15.5	15.9	222			"	
	15.9	16.4	223			"	
	16.4	16.9	224			"	
	16.9	17.4	225			"	
	17.4	17.6	226			14G4	
	17.6	18.1	227			14E10	±8, ±1
	18.1	18.6	228			"	
	18.7	19.1	229			14D37	±9
	19.1	19.5	230			"	
	19.5	19.9	231			"	
	19.9	1103	60232			"	
							S.O.H 103.7ft

SECTION 2500E

DDH Y-9.0-32
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 1 of 2

Date: 26/04/90 Logged By: MC

Code	From		To		Recov.		No.		Unit		Description	Section 21400E
	10	14	16	20	22	24	26	28	30	34		
		10.0		14.0				01			? No return.	
		14.0		16.0				012			Overburden, Dark brown humus.	
		16.0		21.5				013			Overburden. Orange rusty colour. Fractured rubble, muck.	
											Poor Recovery: 12-15.5 3.0 ft lost 15.5-17 1.0 ft lost 17-18 0.5 ft lost 19-20.5 1 ft lost 20.5-23 2.2 ft lost	
												RQD-0%
		21.5		34.0				10A	4L10		Heavily fractured. Rubbly, mudd. Rusty orange colour.	
											Recovery: 27.5-28 1.0 ft lost 28-29 1.0 ft lost 29-32.5 2.0 ft lost 32.5-34.0 0.8 ft lost	
												RQD-0%
		34.0		41.5				015	3E10		Black grey colour. Mod. soft. Heavily fractured. Upper & lower cuts sharp/broken. PS ₂ -78° PS ₂ surface black/tacky.	
											Recovery: 34.0-41.5 2.0 ft lost	
												RQD-0%

Code	From		To		Recov.			No.			Unit	Description	Section 25+00E
	10	14	16	20	22	24	26	28	30	34			
	146.5	146.3							1016	AG4	±1. Upper & lower conts sharp/broken. Weakly banded. Mod. broken. Grade: 8-10% Pb/Zn. Good Recovery.	RQD-0%	
	146.3	150.5							1017	AG18	Upper & lower conts broken sharp. Tiny blebs of magnetite thru-out core. Grade: <1% Pb/Zn. Good Recovery.	RQD-1%	
	150.5	174.2							1018	AG10	±1, ±8, ±9 (AG4) 9.5/5% Upper cont sharp/broken. lower cont gradational. Minor fracturing of core. Fine grained Pyrite. Overall grade: <4% Pb/Zn. Minor carbonaceous stringers. Intermittent weak banding. Overall grade: <3% Pb/Zn Good Recovery.	RQD-30%	
	174.2	176.0							1019	AG4	Upper & lower conts sharp/broken. Mod. fractured. Grade: 10-12% Pb/Zn. Good Recovery.	RQD-1%	

CURRAGH RESOURCES INC.
Lithologic Log

Code	From		To		Recov.			No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	35	
	76.0	81.7							110	14E10	± 8, ±1	Upper & lower cnts sharp/broken. Qtz stringers present magnetite as tiny blebs. Fine grained pyrite. Grade variable < 1% Pb/Zn. Good Recovery. Minor fracturing of rx.
												RQD-30%
	81.7	87.8							111			Gravel seam? "Fault Zone"
	87.8	103.7							112	14D37	± 9	Upper cnt sharp/broken. Minor broken rx. Fine grained pyrite. Good Recovery. Grade: < 2% Pb/Zn.
												RQD-5%
												E.O.H 103.7 ft.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-33

Reference Fabric Orientation Diagram:

Project: Vangorda Fill in Drilling

Location: Vangorda Pit

Section: 25 E

~~UTM~~
UTM
Ferr. Plane
Co-ords.: 6902890.60 N

594461.73 E

Grid
Co-ords: _____

Elevation: 1158.26

All symmetry determinations looking

Total Depth: 132'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling
Contractor: _____

Hole
Cemented: _____ Steel
down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V33

Structural Log

Code	From		To		Feature	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		
	111112	0	111312	0	P1S12			618	

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE	INTR.	REC (m)		UNIT	DESCRIPTION		
	10	14	16	20			22	26			28	30
	1611		1615		60193				1A210	±8, ±1 (AGA) 95/5%		
	1615		1619		194				"			
	1619		1713		195				"			
	1713		1717		196				"			
	1717		1812		197				"			
	1812		1816		198				"			
	1816		1901		199				1A110	±5, ±9		
	1901		1914		60200				"			
	1914		1918		201				"			
	1918		11013		202				"			
	11013		11017		203				1A211	±8, ±9, ±7		
	11017		1112		204				"			
										Σ 0.4, 132.0 ft		

CURRAGH RESOURCES INC.
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description							
1	10	14	16	20	22	24	26	28	30	34	35	Section 25+00.2	
	10.0	16.0		1011		No return.							
	16.0	17.6		1012		Overburden, Nemus granite boulder.							
	17.6	27.0		103	A1D?	V. weathered. Heavily fractured, broken friable. Soft. Oxidized. Ferrocete upper & lower cuts sharp/broken. Recovery 7.6-12 1.2 ft lost 12-17 4.1 ft lost 17-22 3.5 ft 22-27 4.5 ft lost						RQD-0%	
	27.0	47.0		1014	A1L162	±7 Upper & lower cuts sharp/broken. Green grey colour mod. soft. Mod. fractured. Pyrite found in minor stringers. Good Recovery							RQD-0%
	47.0	61.5		105	A1C10	Upper cut gradational, lower cut broken/sharp. Zebra texture. Soft. Heavy-mod. fracturing. Gorge (61-61.5) Biege green colour. Good Recovery.							RQD-0%
	61.5	86.1		106	A1E10	±8, ±1 (4G4) 95/5%							
						4G4 - Upper & lower cuts sharp/broken. Fine grained pyrite. Grade: < 4% Pb/Zn. 4G4 (69.8-71.6) 10-15% Pb/Zn. Good Recovery Overall grade < 5% Pb/Zn							

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16	20 22 24	26 28	30 34 35		
	161.5	181.6		106	14E10	±8, ±1 (964) 95/5% continued. Recovery: Good except for: 77.0-81.6 2.4 ft lost. 81.6-83. 0.9 ft lost. RQD-5%
	181.6	1103.0		107	14G10	±5, ±9 Upper cut broke/sharp. Lower cut gradational Fine grained pyrite. Minor carbonaceous stringers. Trace py. Good Recovery: Grade < 1% Pb/Zn RQD-30%
	1103.0	1112.0		108	14E11	±8, ±9, ±7. Upper cut gradational. Lower cut sharp/broken. Fine grain pyrite. Trace of cpy. Minor blebs of magnetite. Good Recovery. Grade < 1% Pb/Zn. RQD. 3%
	1112.0	1132.0		109	14L16R	±7. Grey green. Mod soft. Minute stringers of pyrite & odd remobilized blobs of pyrochlore. PS ₂ -63°. PS ₂ surface dull shaly grey/green colour. Good Recovery RQD-19. E.O.H 132.0 ft

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-34

Reference Fabric Orientation Diagram:

Project: Vangorda Inf. 11

Location: Vangorda Pit

^{SECTION} Claim: 23±0 E

^{UTM} Terr. Plane Co-ords.: 6902334.55 N

594309.29 E

Grid Co-ords: _____

Elevation: 1146.93

All symmetry determinations looking

Total Depth: 941

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped:
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V34

Code	From		To		Feature	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
1	1211	5	1418	7	PIS12						712				
	1418	7	1516	0	PIS12						710				
	1516	0	1619	5	PIS12						610				
	1619	5	1716	2	PIS12						712				
	1716	2	1814	7											No well defined P _{S2}
	1814	7	1914	0	PIS12						610				

Core	FROM		TO (At)		Feature	G R U	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description	
	1	10	14	18			22	24	28	30	32	34		38
	121.5	148.7			BZ	9								
	148.7	151.0			BZ	9								
	151.0	162.5			BZ	9								
	162.5	171.2			BZ	9								
	171.2	180.9			BZ	9								
	180.9	184.7			X	9								
	184.7	194.0			BZ	9								
	10.0	12.0			NR									S.O.H 94.056
	12.0	121.5												O/B

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	10.0		12.0						1010		No Return.
	12.0		14.0								Snow & ice.
	14.0		14.5						1011		Humus
	14.5		14.5						1012		Overburden, Rusty orange, rubbly, mud weathered.
	14.5		14.8.7						1013	14142	Grey colour, mod. soft. Pyrite present in stringers. PS ₂ -72° PS ₂ surface shiny/talky grey colour. Fractured along PS ₂ surface. Good Recovery, lower at gradual. RQD-0%
	14.8.7		15.6.0						1014	131619	Dark grey, mod. soft. PS ₂ -70°, surface dull grey. Fractures // to PS ₂ surface. Mod. broken. Good Recovery. RQD-0%
	15.6.0		16.9.5						1015	141110	± 2 Rusty colouring. Oxidized. Fine grained Pyrite in stringers. Fractured // to PS ₂ surface. PS ₂ -60° - surface talky sheer. Good Recovery. RQD-0%

DDH V-90-34
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 2

Date: 25/04/90 Logged By: mc

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16	20 22 24 26 28 30 34 35				
	176.5	176.2		106	31G91	±1 Grey brown colour, Mod. soft. PS ₂ -72° PS ₂ surface. Talcy. Minor veinlets of Qtz Upper cent sharp/broken. Lower cent gradational. Mod. broken. Good Recovery RQD-0%
	176.2	180.9		107	31G92	±4 Mod. soft. Grey black. Minor stringers of oxidized pyrite. No well defined PS ₂ . Good Recovery. Mod. broken. RQD-0%
	180.9	184.7		108	14L17	Brecciated. Remobilized pyrrhotite. Also pyrr. in stringers. Mod. grey colour. Mod. soft. No well defined PS ₂ . Good Recovery. RQD-0%
	184.7	194.0		109	369	Upper cent gradational. Grey black color. PS ₂ -60° PS ₂ -surface. dark grey & talcy. Fractured along PS ₂ surfaces. Mod. Fractured. Good Recovery RQD-0%
						Σ.O.H. 94.0 ft

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-35

Reference Fabric Orientation Diagram:

Project: Vanguard Infill

Location: " Pit

~~Section~~
Claim: 1910 E

~~634~~
Terr. Plane
Co-ords.: 6902945.66 N

594249.79 E

Grid
Co-ords: _____

Elevation: 1146.93

All symmetry determinations looking

Total Depth: 72'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling
Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole
Cemented: Steel
down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V35

DDH 90-V-35
2 8

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
1	10	14	16	20	22 24 26 28	32 34	38 40	44					
	1	1614	2	1	17120	P1S12					810		

DDH 19-90-35

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by MC

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION	
	10	14	16	20	22	26	28	30	32	34	36	40		42
	121		125		60253							14510	±8, ±4	95/570
	125		130		254							"		
	130		134		255							"		
	134		139		256							14610	±8	
	139		14A		257							"		
	14A		149		258							"		
	151		154		259							14610	±8, ±9	
	159		161		60260							14518		
														S.O.H. 72 ft

DDH V-90-35
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 1 of 10

Date: 29/04/90 Logged By: MC

Code	From		To		Recov.		No.		Unit		Description	
	10	14	16	20	22	24	26	28	30	34		35
		0.0		5.0							101	Casing, No return.
		5.0		5.4							102	Humus.
		5.4		21.4							103	Overburden, Rusty orange colour. Rubby & gouged.
		21.4		31.4							104	A210 ±8, ±4 (4L0) 95/5%
												420 - Heavily fractured, rubby & gouge weathered. Lower & upper conts fractured/sharp. Gouge (27.5-32) Grade very difficult to estimate ± 2% Pb/Zn. Recovery: 21-27 1.5 ft lost 27-32 2.1 ft lost RQD-0%
		31.4		AP							105	A610 ±8 Mod. broken, weakly banded. Minor magnetite. Good Recovery. Grade: 2-3% Pb/Zn. RQD-1%
		AP.1		51.0							106	1414162 Irregular upper cont, gradational lower cont. Soft, med green-grey. Mod. broken. Good Recovery. RQD-0%

DDH 90-35
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 2 of 2

Date: 24/04/90 Logged By: mc

Code	From		To		Recov.			No.		Unit	Description
	10	14	16	20	22	24	26	28	30		
	511.0	514.2							107	A610	±9, ±8. Good visible upper contact 85°. Lower cut gradational/broken. Weakly banded. Trace of cpy. Minor blebs of mag. Mod. broken. Good recovery. Grade < 2% Pb/Zn RQD-2%
	514.2	517.5							108	4L2	Mod soft. Grey green. Minor stringers of pyrite. Good Recovery. RQD-0%
	517.5	519.5							109	3IG914	±1 Grey black mod. soft. Minor Qtz inlets. Good Recovery. Mod. fractured. RQD-0%
	519.5	611.2							110	AEB	Upper ^{lower} cuts sharp/broken. Blebs of magnetite throughout. Grade < 2% Pb/Zn RQD-0%
	611.2	614.2							111	3IG914	Upper & lower cuts sharp/broken. Stringers of ^{fine} pyrite. Brown green colour soft. mod. broken. Good Recovery. RQD-0%
	614.2	720							112	3IG91	Dark grey, soft. PSz-80° PSz = surface dull grey/black. Fractured // to PSz surface. Good Recovery. Trace pyrite. RQD-0%

E.O.H 72.0ft

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-36 (AC)

Reference Fabric Orientation Diagram:

Project: Vanguarda Intill

Location: " Pit

Section: 19+0E

Terr. Plane Co-ords.: 6902955.92 N

594262.30 E

Grid Co-ords: _____

Elevation: 1146.04

All symmetry determinations looking

Total Depth: 91'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH V-2.0-3.6
2 8

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by MC

ASSAY LOG (SAMPLER'S COPY)

Date 24/01/90 Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT	DESCRIPTION	
	10	14	16	20	22	26	28	30	32	34			36
	122		127		60297							14180	±1, ±8
	127		131		60298							"	
	131		136		299							"	
	136		142		300							146A	±8
	142		146		301							14E3	±1, ±8
	146		150		302							"	
	150		155		303							"	
	155		159		304							14E0	(4A0) 55/45%
	159		163		305							14G10	±8
	163		168		306							14E10	(4A0) 70/30
	168		172		307							"	
	172		176		308							"	
	176		181		60309							"	
													Σ.O.H. 91.0 ft

Code	FROM		TO (At)		Feature		REG	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description
	10	14	16	20	22	24		26	28	32	34	38	40	
	10	14	16	20										
	10		16		NI		0							Casing
			16		G									
			16		B2		9							
			16											
			16											EOH 910ft
			16											
			16											0/B
			16		B2		9					12		
			16				9					13		
			16									14		
			16		B2		9					10		

CURRAGH RESOURCES INC.
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34 35	
	0.0	6.0		101		No Recovery.
	6.0	22.2		102		Overburden / fill.
	22.2	31.6		103	A210	±1, ±8 Gauge (22 - 22.6 ft) Upper & lower cnt broken & sharp. Minor blebs of magnetite, mod. broken. Grade: 2-3% Pb/Zn. Good Recovery. RQD - 2%
	31.6	42.1		104	A164	±8 Minor blebs of magnetite, weakly banded. Upper cnt broken/sharp, lower cnt gradational. Grade: 10-12% Pb/Zn. Good Recovery. RQD - 3%
	42.1	55.0		105	A213	±1, ±8 (500) = 95/5% Upper & lower cnt gradational/broken Minor blebs of Qtz. Grade: <2% Pb/Zn Fine grained pyrite. RQD - 4%

DDH V-90-36
2 8

42
22
50
120
4ACD
4E
4L

CURRAGH RESOURCES INC.
Lithologic Log

Page 2 of 2

Date: 23/04/90 Logged By: MC

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30 34 35	
	55.0	59.3		106	1A10 ± 8, ± 8 (4A0)	55/45% 4A0- Cnts sharp/broken. Mod. broken. No grade. 4E0- Mod. broken. Good Recovery Grade: < 1% Pb/Zn RQD- 1%
	59.3	63.8		107	1A10 ± 8	Weakly band. Minor magnetite in bands Upper/lower parts sharp/broken Good Recovery: Grade 4-5% Pb/Zn RQD- 1%
	63.8	81.8		108	1A10 (4A0)	70/30% 4A0- uncalated from cms to dms. Minor pyrite. 4E0- Fine grained. Mod. broken Grade: < 1% Pb/Zn Good Recovery. RQD 1%
	81.8	91.0		109	1A10	Light grey green. Mod. soft: PS2- 88° PS2 surface talcy. Mod. broken. Good Recovery RQD- 0%
						S.O.H 91.0 ft

90V37

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-37

Reference Fabric Orientation Diagram:

Project: Vangorda Intill

Location: Pit

~~Section~~
Claim: 1910 E

~~UTM~~
Terr. Plane Co-ords.: 6902964.89 N

594271.57 E

Grid Co-ords: _____

Elevation: 1146.92

All symmetry determinations looking

Total Depth: 133

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

	Size	<u>CORE</u> From	To	Collar Cased and Capped: _____
--	------	---------------------	----	-----------------------------------

Hole Cemented: Steel
down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 90-4-37
2 8

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From		To		Feature	Sym	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
		190		1310	PIS12							610		
		1312		1315	PIS12							618		
		1315		1425	PIS12							510		
		1425		1510	PIS12							412		weakly crevulated
		1617		1711	PIS12							712		locally crevulated
		1711		1818	PIS12							518		
		1818		1912	PIS12							615		
		1912		11013	PIS12							712		
		11013		11018	PIS12							715		
		11118		11213	PIS12							710		
		11213		11313	PIS12							615-1710		at top of interval
												410-1415		at EOH
														- is wavy

DDH 90-V-37
2 8

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by *R. L. Edrington*

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION					
1	10	14	16	20	22	26	28	30	32	34	36	40	42	
	39	5	39	0	60280				4614				± 8	(462 ± 7) 90/10%
	39	0	42	5	391				"					"
	50	2	54	5	282				4668				± 4 ± #	local
	54	5	58	8	283				"					"
	58	8	63		284				"					"
	63		67	5	285				"					"
	67	5	71		286				4744					
	110	8	111	3	287				4784				± 1	
	113	2	118	0	60288				"					"

DDH V-20-34
2 8

CURRAGH RESOURCES INC.

Fault Log

Date: 09/03/90 Logged By: P.L.

Code	FROM		TO (At)				Feature	REC	UPPER		INTERNAL		LOWER		Description
	10	14	16	20	22	24			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	10	14	16	20	22	24	26	28	32	34	36	40	RQ34		
	0.0		2.0											Casing	
	32.0		35.5		B2	9							50		
	35.5		42.5		B2	9							50		
	50.2		67.5		B1	9							70		
	67.5		71.1		B1	9							710		
	71.1		83.0		B2	9							10		
	10.85		11.80		B2	9							160		
	123.0		133.0		B2	9							160		
	12.0		2.0											0/3	
	2.0		32.0										10		
	142.5		150.2		B2								10		
	1810.0		192.6		B3	9							10		
	192.6		1103.2			9							110		
	1103.2		11108.5										10		

Code	From				To				Recov.				No.	Unit	Description
	10	14	16	20	22	24	26	28	30	34	35				
	10			20									101		Casing - No return
	20			90									102		O.B. - Brown + beige humus + mud.
	90			320									103	4140	Ferrocerefe.
															Chips to local P52 laminated "poker chips" at 60° CAX - Rusty + locally in light beige w/ greenish tinge. 9-14.5 - 2ft lost; Rest of recovery O.K. Rubbly throughout - lower contact gradational. RUD - 0%
	320			355									104	41416181	
															V. soft - non-calcareous, med green/beige w/ minor blacks Mt stringers. Also 2-3% rhombohedral Mt porphyroblasts (≤ 0.5mm), S2 plane med green + slightly v. Gaud recovery. lower contact sharp // P52. at 68° CAX. RUD - 50%
	355			425									105	464 ±8	(4L2 ±7) 90/10%
															Med hard, brassy, black + white laminated w/ maroon specks, P52 at 50° CAX - Lenses of pyritic ± to sericite schist at 38-38.6, 41.2-42.5. Good recovery. Est Pb+Zn 6-8% RUD - 50% lower contact gradational.

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	42	50	2		1016	4162						±7
												Same rock as sub-unit 05. P52 at 42° CAX + weakly crenulated. Sz plane v. light green / shaly + shiny + soft. Rock v. soft. Lower contact sharp + irregular. Mod to strongly broken // P52. RQI - 0%
	50	67	5		1017	415618						±4 ±# Local
												Dark brassy greyish/green. White speckles + black speckles + stringers. Good recovery. Lower contact sharp but broken. Est Pb+Zn 2-4% RQI - 70%
	67	71	1		1018	4144						
												Black + maroon in minor P _g - P ₁₂ banded at 72° CAX + is crenulated locally. Good recovery. Lower contact sharp + // P52. Est Pb+Zn 18-20% v. hard. RQI - 70%
	71	88	0		1019	4162						±7
												V. soft light green + beige. Weakly magnetic. P52 at 58° CAX. Good recovery. Lower contact marked by 1/2" gouge. Local 1-2" gouge. Strongly broken // P52. Sz plane light beige/green. RQI - 0%

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	880	926		110	5C#	or [3C#] Zebra Rock					
						V. soft - med green striped white. P _{S2} 55° CAX. S ₂ plane med to dark green + shiny. Lower contact marked by 1/2" gouge. Good recovery. Strongly broken // P _{S2} . RQD - 0%					
	926	1103	2	111	4L162	±7					
						Same as unit 09. P _{S2} at 72° CAX - Lower contact marked by qtz vein. Good recovery. RQD - 10%					
	1103	1108	5	112	4L101						
						Light grey + v. soft - Good recovery. Gouged at 106.9 - EOI - marks contact. S ₂ plane v. light grey/green. P _{S2} at 75° CAX RQD - 0%					
	1108	1118	0	113	4E84	±1					
						Hard, brassy + greenish w black. Mt stringers. Good recovery. Lower contact marked by qtz vein. Est Pb + Zn 4-6% RQD - 60%					
	1118	1123	0	114	5C#						
						Same as unit 10. P _{S2} at 70° CAX - 30% bull qtz vein					

DDH 90-V-37
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: 24/04/90 Logged By: PL

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30 34 35	
						Lower contact marked by 1" qtz vein. Good recovery RAD - 5%
	1123	0	1133	0	115 4L62 ±7	
						Same as units 9+11. Good recovery. 152 65-70° at top interval & shallow to 40-45 at EOH & is wavy (possible large fold). RAD - 60%
						133 EOH

DIAMOND DRILL CORE LOG

Date: _____

90V38

Hole Number: 90V-38

Reference Fabric Orientation Diagram:

Project: Vanguarda Inf. 11

Location: " Pit

~~JECOR~~
Claim: 19 + 0 E

~~UIM~~
Terr. Plane
Co-ords.: 6902 976.17 N

594 283.19 E

Grid
Co-ords: _____

Elevation: 1145.89

All symmetry determinations looking

Total Depth: 131'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling
Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Hole
Cemented: Steel
down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

Code	From				To				Feature	S ₁ E	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24	26	28			32	34	38	40	44			
	1	1213	5		1	1218	0	PIS12						610				
		1	1314	8		1	1412	0	PIS12					516				
									PIS12					515				
		1	1412	0		1	1519	5	PIS12					711			Qtz veining	
		1	1514	1		1	1516	4	PIS12					712				
		1	1619	5		1	1716	5	PIS12					610				
		1	1716	5		1	1815	0	PIS12					716				
		1	1815	0		1	1919	5	PIS12					612				
		1	1111	1		1	1131	0	PIS12					510				

sample.

DDH 11-90-38

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by MC

ASSAY LOG (SAMPLER'S COPY)

Date 24/04/90 Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	16	20						22	26	28
	112		117		60272			14G13	± 5			
	123		128		273			14E13	±6, ±8 (4LO) 80/20%			
	130		134		274			14G14#	±1, ±8			
	13A		138		275			41A147	±9 (4LO) 98/2%			
	138		142		276			"				
	99		1102		277			14G14				
	1102		11015		278			14E16A	±8, ±1			
	1105		11018		60279			4				
									E.O.H 131 ft.			

DDH V-90-38
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 1 of 4Date: 29/04/90 Logged By: mc

Core No.	From		To		Recov.		No.		Unit		Description
	10	14	18	20	22	24	26	28	30	34	
		00		8.5				01			No Recovery
		18.5		12.4				02			Overburden
		12.4		17.4				03	AG48	±\$	Upper & lower cuts sharp/broken. Weakly banded. Mod. Fractured. Recovery 12-15 IPT lost. Grade: 5-7% Pb/Zn. RQD - 0%
		17.4		23.5				04	4L0		(4L0) 9.5/5% 4L0 - weathered, rusty orange color. highly fractured. 4L1 - Grade: 2-3% Pb/Zn. Highly fractured. Good Recovery. RQD - 0%
		23.5		28.0				05	4E3	±6.18	(4L0) 80/20% Upper & lower cuts sharp/broken. 4L0 - PSz-60° Mod. soft. 4E3 - Grade 2-3% Pb/Zn Good Recovery. RQD - 0%

Lithologic Log

Date: 29/04/90 Logged By: MC

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
	128.0	130.0		106	151C9 ±1	Upper & lower cut sharp/broken. Qtz vein bearing sph & galena & pyrite. Grey green, soft. 100% recovery. RQD - 75%
	130.0	134.8		107	4G141# ±1, ±8	Upper & lower cuts broken/sharp. Weakly banded. Mod. broken. Grade: 5-6% Pb/Zn. Good Recovery. RQD - 2%
	134.8	142.0		108	4A14147 ±9 (4L0)	98/2% Upper & lower cuts gradational. 4A447 - Trace CP4 Grade 10-12% Pb/Zn PS ₂ - 56° 4L0 - green green mod soft PS ₂ - 55° Good Recovery. RQD - 2%
	142.0	159.5		109	A1L0 (5C0)	96/4% 5C0 - zebra rx. (54.1 - 56.4) PS ₂ - 72° PS ₂ surface dark green. 4L0 - minor Qtz veining PS ₂ - 71° Soft, spunged. Upper cut sharp Lower cut gradational. Overall good recovery. RQD - 1%

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30	34 35
	59.5	176.5		110	5B3A ±7	Upper cnt sharp/broken. Lower cnt gradational. PS ₂ -60°. Soft. Fractures // to PS ₂ planes. Friable. gouge - 72.5 - 72.9. Mod Fractured. Trace Pyrrhotite. Recovery good. RQD - 0%
	176.5	185.0		111	5B32	Dark grey colour, soft. PS ₂ -76° PS ₂ surface shiny grey Fractures // to PS ₂ surface. Minor Qtz veining Recovery good RQD - 0%
	85.0	199.5		112	4L10 ±7, ±9 (5B34) 96/4%	Upper & lower cnts gradational/broken. 4L0 - grey green PS ₂ -62°. PS ₂ surface green/shiny. Soft. Small stringers of pyrite. Trace py & pyrrhotite. Recovery: 91.6-95 1ft lost RQD - 0%
	99.5	1102.0		113	4L6A	Upper & lower cnt gradational. Grade: 8-10% Pb/Zn. Good Recovery. RQD - 0%

DDH V-20-38
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 4 of

Date: 24/04/90 Logged By: MC

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16	20 22 24 26 28 30 34 35				
	11012.0	11018.0		114	AZ164	± 8, ±1 Well banded. Upper & lower cut: brittle/sharp. Magnetite with carbonaceous bands. Grade: 7-8% Pb/Zn. minor Qtz blebs. 100% Recovery. ROD - 17%
	11018.0	11111.5		115	14146	Mod. Fractured. Light grey green. PS ₂ - 62° - Surface grey green. Soft. Good Recovery. Mod. fractured. ROD% 0%
	11111.5	11311.0		116	3G61 ±9 (3G6)	60/40% 3G61 ± (117.9 - 131) med. green hard. Contains PO, PY, sph PS ₂ - 140° - surface colour shiny forest green. Good Recovery. ROD - 5%
						Σ.O.H 131.0 ft.

DIAMOND DRILL CORE LOG

Date: _____

90V39

Hole Number: 90V-39

Reference Fabric Orientation Diagram:

Project: Vanguarda Infill

Location: " Pit

SECTION
Claim: 19+0E

Local
Str. Plane
Co-ords.: 9787 N

} measured with scale

9985 E

Grid
Co-ords: _____

Elevation: 1146

All symmetry determinations looking

Total Depth: 117

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

DDH 90-N-39
2 8

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
	1	1120		1	1170			PIS12							712		
		1170		1	1239			PIS12							816	-1910	
		1239		1	1410			PIS12							710	-1810	
		1410		1	1619										810		P52 becomes folded & wavy near lower contact
		11123		1	1170			PIS12							810	-1815	

ASSAY LOG (SAMPLER'S COPY)

Date 25/04/90 Sampled by

Section 191002

CODE	FROM		TO		SAMPLE	INTR.	REC (m)		UNIT	DESCRIPTION				
1	10	14	16	20	22	26	28	30	32	34	36	40	42	
		619		673	60261						4638		± 4	
		673		712	655						4518			
		712		750	653									
		750		791	664						463		± 5 minor ± 9 minor	
		791		832	665						"		"	
		832		873	666						"		"	
		873		922	667						450		± 4, ± 8 local ± 6 local ± #	
		922		971	668						"		"	
		971		1022	669						463		± 4, ± 9 minor ± 7 local	
		1022		1073	670						"		"	
		1073		1112	60271						"		" + (46 gauge) 98/5%	
		1112		1152										
		1152		1194	61735						464		± 9 ^{± 4} local (46) 98/7%	
		1194		1244	61736						"		13.77	
		1244		1296	61737						"		13.74	
		1296		1348	61738						"		10.15	
		1348		1619	61739						"		41.73	gosity completed

wide

DDH V-32-2
 2 _____ 8

CURRAGH RESOURCES INC.
 Fault Log

Page _____ of _____

Date: _____ Logged By: P.L.

Code	FROM				TO (At)				Feature	REG	UPPER		INTERNAL		LOWER		Description	
	10	14	18	22	26	30	34	38			Dip	Direct.	Dip	Direct.	Dip	Direct.		
	0.0		1.0						N	0								Casings
	1.7		2.3						TR	9							10	
	2.3		4.0						B3	9							10	
	5.4		6.3						B2	9							1610	
	7.5		8.5						B1	9							1610	
	8.7		9.3						B1	9							1775	
	11.2		11.7						Rock 2	9							1810	
																	10	
																		E.O.H. 117
	1.0		1.8															0/3
	1.8		1.7														0	
	4.0		6.1					9									1610	

DDH T.O.-V-39
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 3

Date: 24/04/90 Logged By: P. Lodwidge

3	From				To				Recov.		No.		Unit		Description
	1	10	14	18	20	22	24	26	28	30	34	38			
		0			10										Casing - No return
		10			68										O.B. - Orange mud 1.5ft lost.
		68			120										0.3 4L-6 Compact orange mud - light green & oxidized on S2 crumbly face.
		120			170										0.4 4L-6 Ferrucrite
															Oxidized orange - PS2 at 72° CAX - S2 plane local where not oxidized. Lower contact sharp - Good recovery. R(1) = 0%
		170			239										0.5 3,6,9,2 Weathered
															Polter chips & rubble & oxidized. S2 plane med green & shiny. PS2 at 85-90° CAX! Good recovery - lower contact gradual. R(1) = 0%
		239			410										0.6 3,6,9,2 ±6
															V. soft, dark grey to black w/ green tinge. S2 plane dark grey & greenish. PS2 70-80° CAX - Local lithos. Good recovery. Lower contact sharp & irregular. R(1) = 0% Strongly broken // PS2
		410			619										0.7 4,6,4 ±8 ± # local (4L0) 98/2%

S	From		To		Recov.		No.		Unit		Description
	10	14	18	20	22	24	26	28	30	34	
											Brownish, cream & brassy. Wily magnetic. Mod. hard. Good recovery. Wily banded at 80° CA. Lower contact gradational. PSz becomes filled & wavy near lower contact. Est Pb+Zn 10-12% RQD = 60%
	619		673					108	4,3,8		±4
											Brassy w/ qtz blebs - Hard - Good recovery - lower contact gradational. Est Pb+Zn 2-4% RQD = 60%
	673		750					109	4,5,1,8		
											Hard brassy w/ 5-10% qtz - strongly magnetic - v. h. Mt. Good recovery. lower contact gradational. Est Pb+Zn ≤ 2% RQD = 75%
	750		873					110	4,3		±5 minor ±9 minor
											Brassy greenish & grayish white. V. hard - Good recovery. No banding. lower contact gradational. Est Pb+Zn 2-3% RQD = 80%
	873		971					111	4,5,0		±4 ±8 local ±6 local ±#
											Brassy & hard - calcitic over 50% of core - local breccia lenses. 0.5ft lost. lower contact gradational. Est Pb+Zn 2-3%

DDH 10-V-39
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 5

Date: 25/05/90 Logged By: PL

Core	From		To		Recov.		No.		Unit		Description
	10	14	18	20	22	24	26	28	30	34	
											Whly breccia - lower contact marked by 2" gauge RQD = 80%
	97	1	112	3			12	4	13		±4 ±9 minor ±7 local (4L6 gauge) 98/02%
											Brassy greenish + ylr rich - hard - Good recovery - lower contact sharp - marked by gauge on next unit Est RQD = 70% 2-3% - however 3ft higher grade - local l. blebs 111.3-111.8 - Gouged grey/green 4L6 RQD = 30%
	112	3	117	0			113	4	16	2	±7
											Rubbly - soft + light green - sz plane med grey/green Dsz at 80-85° C. Good recovery RQD = 0%
											117 EOH

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-40

Reference Fabric Orientation Diagram:

Project: Vangorda Inf:11

Location: " Pit

Section:
Claim: 17+0 E

UTM
Terr. Plane
Co-ords.: 6903082.775 N

594311.668 E

Grid
Co-ords: _____

Elevation: 1160.658

All symmetry determinations looking

Total Depth: 101'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V40

DDH 9.D.-V.-40
2 8

CURRAGH RESOURCES INC. Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature	S ₁	S ₀		S ₁		S ₂		Description		
	1	10	14	16	20	22	24	26			Dip	Direct.	Dip	Direct.	Dip	Direct.			
	1	15	17	5	1	16	13	0	PIS12					7	15	-	18	10	
	1	16	13	0	1	18	12	1	PIS12					6	10	-	17	0	wavy
	1	18	12	1	1	10	11	0	PIS12					5	15	-	16	0	

JFLII

DDH 90-N-40
2 8

CURRAGH RESOURCES INC.
Section 17+00 E

Page 1 of

Logged by P. Ledwidge

ASSAY LOG (SAMPLER'S COPY)

Date 02/05/90

Sampled by

CODE	FROM		TO		SAMPLE		INTR.		REC (m)	UNIT		DESCRIPTION	
	10	14	16	20	22	26	28	30	32	34	36		40
	147	5	152	5	60310					4E1		$\pm 6 \pm 4 \pm 8$	Rubble
	152	5	157	5	11					"		"	"
	157	5	163	0	12					4E8		$\pm 1 \pm 4$	
	163	0	167	8	13					4G7		$\pm 4 \pm 9$	
	167	8	172	6	14					"		"	"
	172	6	177	4	15					"		"	"
	177	4	182	1	60316					"		"	"

Fault Log

Core C#	FROM	TO (At)	Feature	C L #	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description			
1	10	14	16	20	22	24	26	28	32	34	38	40	44	
	100	20	N	0										Casing
	47.5	57.5	R	8									10	
	63.0	72.0	B2	9									70	
	72.0	72.5	R	9									80	Rubby stain
	82.1	101.0	B2	9									110	
														E.O.H. 101 ft.
	120	142.0												O/B
	142.0	147.5												
	157.5	163.0		9									110	
	172.5	182.1		9									170	

Lithologic Log

Date: 01/05/90 Logged By: P. Ladwidge

S	From		To		Recov.		No.		Unit		Description
	10	14	18	22	24	26	28	30	34	36	
		0		20				01			Casing - No return
		20		420		12.8		02			O.B. Till - 2.0-35.0 brown silty clay w mixed pebbles + granite boulders. 35.0 - EOI - oxidized orange sandy silt + granite boulders.
		420		475		14.5		03			Ferruginous - oxidized rock fragments - Too oxidized (orange) to distinguish rock type.
		475		575		17.5		04	4E1		±6 ±4 ±8 Rubble Hard w local softer spots: brassy, locally grey, white patches. 49.5-52.0 - 0.4 ft lost; 52.5-53.5 - 0.5 ft lost; Rest of recovery 0.1%. however contact gradational. Est Pb + Zn 2-4% ? 700 rubble to be accurate. RRD - 0%
		575		630		19.2		05	4E8		±1, ±4 Hard brassy greenish white PSe laminated at 75-80° CA. strongly magnetic. Good recovery. however contact gradational. Est Pb + Zn 2-3% RRD - 10%
		630		821		25.0		06	4E7		±4 ±9 Hard brassy greenish strongly magnetic. 69-72-0.5 ft lost;

DDH 50-V-40
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 4

Date: 02/05/90 Logged By: PL

Code	From		To		Recov.		No.		Unit		Description
	10	14	18	20	22	24	26	28	30	34	
											Rest of recovery 0.15. 72-72.5 v. bubbly sandy P ₅₂ laminated (wavy) at 50-70° AX. Lower contact sharp but broken. Est Pb+Zn 2-3% RQI - 70%
	821		101		30.8		07	4L2			±4
											Soft light beige/green, P ₅₂ lam at 55-60° AX - Sphre v. light green to beige + talcose. Py content decreases downhole to 2-3% (5-8% at 70I). Est Pb+Zn < 1% (good recovery; mod. broken // P ₅₂) RQI - 10%
											101 Eoff

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-41

Reference Fabric Orientation Diagram:

Project: Vanguarda Infill

Location: Vanguarda Pit

SECTION Claim: 1510E

UTM Terr. Plane Co-ords.: 6 903 138.107 N

594 282.159 E

Grid Co-ords: _____

Elevation: 1167.762

All symmetry determinations looking

Total Depth: 102'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V41

W.SAMPLE 2

DDH V-90-41
2 9

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by mc

ASSAY LOG (SAMPLER'S COPY)

Date May 04/90 Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION				
	10	14	16	20						22	26	28	30
	167		170		60357				1410				
	170		177		358				1411B	± 9			
	177		182		359				4				
	182		187		360				"				
	187		192		361				"				
	192		197		362				1410	± 9, ± 7			
	197		1102		60363				"				

DDH 90-V-41
2 8

CURRAGH RESOURCES INC. Fault Log

Page _____ of _____

Date: 07/08/90 Logged By: MC

Code	FROM		TO (At)		Feature	U C L E	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description
1	10	14	18	20	22	24	26	28	32	34	38	40	
	10			2	N.P.	0							Casing O.B. RQD - 0% RQD - 0% Fault RQD - 0% RQD - 25% RQD - 5%
	2			10									
	10			17	R3	6							
	17			20	B2	9							
	20			22	G3	9							
	22			25	B1	9							
	25			28	B2	9							

Code	From		To		Recov.	No.	Unit	Description	Section	
	10	14	16	20						22
		10.0		12.5		1011		No return.	Section 15+00E	
		12.5		16.0		1012		Overburden. 2.5-40 Brown mud, rx fragments 40-48.5 Dark grey mud, soft gauge, rubble 48.5-60.4 Brown grey mud w granite boulders		
		16.0		16.4						
		16.4		16.7		1013	31E10	Upper cnt gradual. lower cnt. sharp/broken. Highly fractured, rubble, mud. Recovery 62.5-65.5 1.7 ft lost.	RQD-0%	
		16.7		17.0		10A	19E10	Fractured, broken. Upper & lower cnts sharp/broken. Minor carbonaceous layers in upper cnt. Grade: < 1% Pb/Zn.	RQD-0%	
		17.0		17.2		1015	4L10	(5C0) 60/40% - FAULT.		
								3L0- Grey green color, heavily fractured, rubble & mud. 5C0- extremely gouged pulverized. Dark green. Upper & lower cnts of interval sharp/broken Probable faulting.	RQD-0%	

CURRAGH RESOURCES INC.
Lithologic Log

Code	From			To			Recov.			No.			Unit			Description	
	1	10	14	16	20	22	24	26	28	30	34	35					
		17	12	7		19	12	0					106	19	18	±9	Upper & lower cuts broken/gradational. Fine grained pyrite. Traces of cpy. Grade < 2% Pb/Zn. Minor fracturing. Good Recovery. RQD - 25%
		19	12	0		10	12	0					107	19	10	±9, ±7	Upper cut sharp/broken. Minor disseminated cpy. Blebs of pyrrhotite within the pyrite. Pyrite fine grained. Grade < 1% Pb/Zn. Good Recovery. RQD - 5%
																E.O.H. 102.0 ft.	
																5.5	

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-42

Reference Fabric Orientation Diagram:

Project: Vanguarda Infill

Location: " Pit

Section:
Main: 15 + 0 E

UTM
Easting: 6903 127.808 N

Northing: 594 270.490 E

Grid
Coordinates: _____

Elevation: 1165.994

All symmetry determinations looking

Total Depth: 129'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V42

DDH 90-N-42
2 8

CURRAGH RESOURCES INC. Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature	S ₀ Dip Direct.	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	
	111	195		112	190		PIS12					710			

DDH V-9.0-A.2
2 8

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by MC

ASSAY LOG (SAMPLER'S COPY)

Date May 04/90 Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT		DESCRIPTION			
	10	14	16	20				22	26		28	30	32
	158		163		60343					AIG14	±8	(4L0) 99/1%	
	163		168		344					"			
	168		172		345					AIG37	±8	±9 minor	
	172		177		346					"			
	177		181		347					"			
	181		185		348					"			
	185		189		349					AID73	±9	±8	
	189		194		350					"			
	194		198		351					"			
	198		11013		352					"			
	11013		11017		353					"			
	11017		1112		354					"			
	1112		1115		355					AID17	±9	±8	
	1115		1119		60356					"			
												S.O.H. 129.	

Cm	FROM			TO (At)			Feature	REG	UPPER		INTERNAL		LOWER		Description
	10	14	18	20	22	24			28	Dip	Direct.	Dip	Direct.	Dip	
	10			2			MP1	0							Casing O.B. RQD-2% RQD-30% RQD-50% RQD-45% RQD 10%
	2			5.8											
	5.8			6.8			B1	9							
	6.8			8.5			B1	9							
	8.5			11.2			B1	9							
	11.2			11.9			B1	9							
	11.9			12.9			B2	9							

Code	From				To				Recov.				No.	Unit	Description	Section 15+00E
	10	14	16	20	22	24	26	28	30	34	35					
	0.0			2.0									1010		No return.	
	12.0			58.6									1011		Overburden. 2-27.5 Brown mud & rubble w granite boulders. 28-57 Grey mud mixture w rubble & granite boulders. 57-58.6 Ferricrete & granite rubble.	
																RQD- 0%
	58.6			68.5									1012	A1G4	±8 (4L0) 99/1%	
															4G4 Upper cnt sharp/broken, lower cnt broken/gradational Hard, Reddish brown color. Grade: 15-20% Pb/Zn. Weakly banded. Good Recovery.	
																RQD- 2%
	68.5			85.5									1013	A1C1317	±8, ±9 minor. Upper & lower cnts gradational/broken. Occasional large blebs magnetite present (1.5cm). Trace cpy present. Fine grained pyrite. Minor fracturing. Grade: <2% Pb/Zn. Good Recovery.	
																RQD- 30%
	85.5			112.0									1014	A1D713	±9, ±8. Upper & lower cnts gradational/broken. Hard. Minor fracturing. Fine grained pyrite. Trace cpy.	
																R-15

DDH V-90-42
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 2 of 2

Date: 27/09/90 Logged By: MC

Code	From		To		Recov.			No.		Unit	Description
	10	14	16	20	22	24	26	28	30		
	85.5	111.2	0						104	A1D7B	±9, ±8 continued. Excellent Recovery (100%) Grade: <4% Pb/Zn. RQD - 50%
	111.2	111.9	5						105	A1D7	±9, ±8 Hard, minor fractures. Upper & lower cnts. gradational. Trace cpy. Stringers of Pyrrhotite. Grade: <3% Pb/Zn. Good Recovery (100%) RQD - 45%
	111.9	112.9	0						106	A1L7R	Bluish green color, mod soft to hard. PS ₂ - 70° PS ₂ surface shiny green grey. Minor fracturing. Good Recovery RQD - 19%

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-43

Reference Fabric Orientation Diagram:

Project: Vanguarda Int'l

Location: " Pit

Section:
Claim: 1310 E

Mine:
Ferr. Plane
Co-ords.: 6 903 172.326 N

5 94229.221 E

Grid
Co-ords: _____

Elevation: 1164.777

All symmetry determinations looking

Total Depth: 167'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling
Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole
Cemented: Steel
down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V43

DDH 90-X-43
 2 8

CURRAGH RESOURCES INC.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature	Sym	S ₀		S ₁		S ₂		Description		
	10	14	16	20	22	24	26	28			32	34	38	40	44				
	1	13	20	14	16	20	22	24	26										
		1	13	20	14	16	20	22	24										
			1	13	20	14	16	20	22										
				1	13	20	14	16	20										
					1	13	20	14	16										
						1	13	20	14										
							1	13	20										
								1	13										
									1										
										1									
											1								
												1							
													1						
														1					
															1				
																1			
																	1		
																		1	
																			1

DDH 90-N-43
2 8

CURRAGH RESOURCES INC.

Logged by ARC

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	16	20						22	26	28
✓	183.		187.		610151915			14G1918	Rec. 1ft lost.			
✓	187.		191.		610151916			"				
✓	191.		196.		610151917			"	90.5 - 96.0 1ft lost			
✓	196.		11010		610151918			"				
✓	11010		11015		610151919			"				
✓	11015		11019		610161010			"				
✓	11019		11113		610161011			14E1118				
✓	11113		11117		610161012			4E14117	±6, ±9			
✓	11117		11222		610161013			"				
✓	11222		11226		610161014			"				
✓	11226		11332		610161015			14D1718				
✓	11413		11418		610161016			14D17	±4, ±9			
✓	11418		1151A		610161017			"				
✓	1151A		11518		610161018			14E118	±9			
✓	11518		1162		610161019			"				
✓	1162		1167		61016110			"				
									E.O.H 167.0 ft			
									Density Done			

16

Core No.	FROM		TO (At)		Feature	REG	UPPER Dip Direct.			INTERNAL Dip Direct.			LOWER Dip Direct.			Description	RQD%
	10	14	18	20			22	24	26	28	32	34	36	40	44		
	10	14	18	20	Mpi												
	14	18	20	22													
	18	20	22	24	R31	9											0
	20	22	24	26	B21	9											60
	22	24	26	28	B11	9											55
	24	26	28	30	B11	9											60
	26	28	30	32	B11	9											2
	28	30	32	34	B11	9											1
	30	32	34	36	B11	9											35
	32	34	36	38	B11	9											3
	34	36	38	40													
	36	38	40	42													
	38	40	42	44													
	40	42	44	46													
	42	44	46	48													
	44	46	48	50													
	46	48	50	52													
	48	50	52	54													
	50	52	54	56													
	52	54	56	58													
	54	56	58	60													
	56	58	60	62													
	58	60	62	64													
	60	62	64	66													
	62	64	66	68													
	64	66	68	70													
	66	68	70	72													
	68	70	72	74													
	70	72	74	76													
	72	74	76	78													
	74	76	78	80													
	76	78	80	82													
	78	80	82	84													
	80	82	84	86													
	82	84	86	88													
	84	86	88	90													

CURRAGH RESOURCES INC.
Lithologic Log

Date: 30/04/90 Logged By: MC

Code	From				To				Recov.				No.				Unit				Description	Section 13100E		
	10	14	16	20	22	24	26	28	30	34	35	10	14	16	20	22	24	26	28	30			34	35
		10.0				14.0																	No return.	
		14.0				83.0																	Overburden. Brown, grey & orange mud, Rubble & also granite boulders. Ferrocete. rusty weathered ex. 63-83ft. RQD-0%	
		83.0				110.9.7																	From 83-94. heavily fractured, rubble & mud. Rusty surfaces present, weathered. Recovery: 83-87 1ft lost. 87.0-90.5 0.5 ft lost. 90.5-96.0 1ft lost. (94-109.7) minor fracturing, excellent recovery. Upper cnt. sharp/broken. Lower cnt sharp & irregular. Hard. Weakly banded. Reddish brown colour. Grade: 12-15% Pb/Zn. (83-94) RQD-0% (94-109.7) RQD-60%	
		110.9.7				1113.3																	Hard, Brassy color. Qtz v. violet present. Magnetite pervasive. Upper/lower cnts sharp & irregular. Grade: <= 3% Pb/Zn Good Recovery (100%) RQD-55%	
		1113.3				1126.6																	±6, ±9 (4G48), (4G0) 75/20/5% 4847 Hard, Reddish brown colour. Minor Qtz veing present. Trace of cpy present. Minor fracturing. Good Recovery (100%) Grade < 5% R-8.	

CURRAGH RESOURCES INC.
Lithologic Log

Code	From		To		Recov.			No.			Unit	Description
	10	14	16	20	22	24	26	28	30	34		
	1113.3	1121.6									104 4.5A117	Continued $\pm 6 \pm 9$ (4G48), (4G0)
												4G48 - (121.5 - 123.0). (124.6 - 126.6) Hard. Pinkish brown colour.
												Weakly banded. Grade 10-12% Pb/Zn. Minor fracturing.
												4G0 - (123.6 - 124.0) Dark grey/green colour. Mod. Hard.
												Grade: < 3% Pb/Zn.
												Overall grade: 10-15%.
												RQD - 60%
	1121.6	1132.0									105 4.9718	± 9 Upper & lower cnts gradational. Fine grained pyrite. Minor fractures. Hard
												Good Recovery (100%). Grade: < 4% Pb/Zn
												RQD - 2%
	1132.0	1143.0									106 13G19	$\pm 7, \pm 1, \pm 8$ → [5Ab] (4D7) ± 5 80/20%
												Dark grey to black colour. Mod hard. PS ₂ - 63°. PS ₂ surface.
												Semi-shiny grey/black color. Pyrrhotite present as tiny inlets.
												Some Qtz veining present. Fracturing // to PS ₂ . Upper & lower cnts
												semi-gradational. Good Recovery (100%)
												4D7 - Hard. Range in tiny (1-2mm) carbonaceous bands.
												Minor fracturing good recovery.
												RQD - 1%
	1143.0	1154.0									107 AD7	$\pm 4, \pm 9$
												Very hard. Minor fractures. Fine grained pyrite. 1-2% Cpy.
												Upper & lower cnts gradational. Good Recovery (100%)
												Overall grade: 3-4% Pb/Zn.
												RQD - 35%

DDH 90-V-9.3
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 3 of 3

Date: 30/04/90 Logged By: MC

Code	From				To				Recov.				No.	Unit	Description
	10	14	16	20	22	24	26	28	30	34	35				
1	10	14	16	20	22	24	26	28	30	34	35				
		15.4		16.7								108	A1B	39	Hard Brassy Magnetite in blebs & stringers. Gradational upper cont. minor fracturing of rx. Trace of cpy. Good Recovery (100%). Overall grade: 1-2% Pb/Zn. RQD - 3% Σ.D.H 167.0ft

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-44

Reference Fabric Orientation Diagram:

Project: Vangorda Infill

Location: " Pit

SECTION: 13 + 0 E

UTM Plane Co-ords.: 6 903 172.326 N

594 229.221 E

Grid Co-ords: _____

Elevation: 1164.777

All symmetry determinations looking

Total Depth: 193'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V44

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	16	20						22	26	28
✓		179		182	6106111			14E10	±8, ±6, ±4 → [4G4]			
✓		182		187	6106112			"	2ft lost			
✓		187		91	6106113			"	1ft lost			
✓		91		93	6106114			14E10				
✓		93		97	6106115			14E16	±8			
✓		97		1010	6106116			14E18				
✓		1010		1104	6106117			"				
✓		1104		1109	6106118			14D7A				
✓		1109		1114	6106119			"				
✓		1114		1118	6106120			14GAB				
✓		1118		1122	6106121			"				
✓		1122		1126	6106122			"				
✓		1126		1131	6106123			4D73	±9, ±6 minor, ±8			
✓		1131		1136	6106124			"				
✓		1136		1142	6106125			"				
✓		1142		1147	6106126			14KD	±9, ±7, ±8			
✓		1152		1157	6106127			"				
✓		1157		1162	6106128			"				
✓		1162		1166	6106129			14G3	±8 (4L0) 95/5%			
✓		1166		1170	6106130			"				
✓		1170		1178	6106131			"				
✓		1178		1183	6106132			"				
✓		1183		1187	6106133			14E11	±8, ±4 → [4C0]			
✓		1187		1193	6106134							
									E.O.H. 193A.			
									Section: 13+00E.			

DDH 9.0-V-44
2 8

CURRAGH RESOURCES INC.

Fault Log

Date: 09/08/90 Logged By: MC

1	FROM		TO (At)		Feature	US	UPPER			INTERNAL			LOWER			Description	RQD%	
	10	14	18	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	Dip	Direct.				
1	10	14	18	20	22	24	26	28	30	32	34	36	38	40	44			
		10		25	NP													
		25		79														
		79		93	R ₃	8												
		93		97	R ₃	9												
		97		104	B ₁	9												
		104		114	B ₁	9												
		114		126	B ₁	9												
		126		142	B ₁	9												
		142		162	B ₁	9												
		162		183	B ₃	9												
		183		193	B ₂	9												

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16	20 22 24	26 28	30 34 35		
	10.0	25.3		101		No return.
	25.3	79.3		102		Overburden. 25.3-62 Grey rubble & mud w/ granite boulders. 62-79.3 Orange mud, rubble / ferricrete & granitic boulders.
	79.3	93.5		103	A1E10 ±8, ±6, ±4 → [4G4]	Heavily fractured & broken. Rubble & mud. Grey to dark grey colour. Upper & lower cont. sharp/broken - upper interval (0.5ft) severely weathered. Grade difficult to estimate. Guessing < 4% Pb/Zn. 82-87 - 2ft lost Recovery: 87-91 1ft lost 91-93.5 1.0 ft lost RQD - 0%
	93.5	97.0		104	A1E10 ±8	Heavily fractured, rubble & mud. Upper & lower cont. sharp/broken. (96.3-97.0) all small rubble & mud. Possible fault? Difficult to estimate grade! < 4% Pb/Zn. Minor magnetite present. Recovery: 93.5-97.0 1.5 ft lost! RQD - 0%
	97.0	1194.7		105	A1E10	Upper cont sharp/broken. Lower cont gradual. Hard. Minor fractures. Magnetite occurs in blebs & stringers. Grade < 2% Pb/Zn + Good Recovery RQD - 50%

CURRAGH RESOURCES INC.
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
	110A.7	111A.4		106	AD714	Upper & lower cnts gradational. Hard. Pyrrhotite in blebs & stringers. Minor fracturing of rx. Grade 4-5% Pb/Zn. Fine grained pyrite. Good Recovery. ROD-45%
	111A.4	112B.9		107	AG4B	Reddish brown colour, Hard. Upper & lower cnts gradational. Weakly banded. Minor fracturing. Magnetite in thin bands (1mm-5mm). Grade: 12-15% Pb/Zn. Good Recovery. ROD-30%
	112B.9	11A2.0		108	AD713	±9, ±6 minor, ±8 Upper & lower cnts gradational. Hard. Minor fractures. Trace of cpy. Magnetite in pyrrhotite. Minor brecciation present. Grade: 3-4% Pb/Zn. Good Recovery. ROD-25%
	11A2.0	1162.0		109	AC10	±9, ±7, ±8 Hard, minor fractures, except (161.5-162.0). Upper cnt gradational/broken. Lower cnt broken/sharp. Pyrrhotite no stringers. ±2% cpy. Minor blebs of magnetite. Good Recovery (100%) ROD-25%

CURRAGH RESOURCES INC.
Lithologic Log

Code	From		To		Recov.			No.			Unit	Description
	10	14	16	20	22	24	26	28	30	34		
	1167.0	1183.5							110	14C3	±8 (4L0) 95/5%	
												4L0 - green speck gouge (174.8-175.3) (176.5-177).
												4C3 - Hard, highly fractured, rubble. Fe stained.
												pyrite. Odd stringers of magnetite. Grade: <3% Pb/Zn.
												Recovery: 172-177 1.5 ft best otherwise good recovery.
												ROD-0%
	1183.5	1193.0							111	14E11	±8, ±4 → [4C07]	
												Hard, weakly banded. Minor round blebs of magnetite (2-4mm). Upper int gradational.
												Minor fractures. Grade: <3% Pb/Zn.
												Good Recovery (100%)
												ROD-5%
												E.O.H 193.0 ft.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90 V 45

Reference Fabric Orientation Diagram:

Project: Vangorda Infill

Location: " Pit

SECTION: 13+0 E

UTM: 6 903 152.66 N

Co-ords.: 594 207.570 E

Grid Co-ords: _____

Elevation: 1164.623

All symmetry determinations looking

Total Depth: 217'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: _____ Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____ Started: _____ Completed: _____

90V45

DDH 9.0-X-45
 2 8

CURRAGH RESOURCES INC.
 Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From			To			Feature	S ₀ Dip Direct.	S ₁		S ₂		Description	
	10	14	16	20	22	24			26	28	32	34		38
	11890			110109			P15R					515		
	110109			111185			P15R					510	-1610	
	11890			121080			P15R					710	-1715	
	121080			121170								610	-1710	

DDH 90-V-45
2 8

CURRAGH RESOURCES INC.

Page 1 of 1

Section 13+006

Logged by P. Halvick

ASSAY LOG (SAMPLER'S COPY)

Date 01/05/90 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14 16 20	22 26 28 30	32 34 36 40 42				
U	890	940	6015159			464	
V	940	1100	6015160			"	2ft lost
U	1100	1105	6015161			464	(4E486) 70/30%
V	1105	1109	6015162			"	"
V	1109	1114	6015163			"	"
V	1114	1118	6015164			"	"
V	1118	1123	6015165			45164	± # local
V	1123	1128	6015166			"	"
V	1128	1133	6015167			"	"
V	1133	1138	6015168			"	"
V	1138	1140	6015169			464	± # ± 7 or 8
V	1140	1145	6015170			4E1	± 8 ± 4 ± 9 minor
V	1145	1150	6015171			"	"
V	1150	1155	6015172			"	"
V	1155	1160	6015173			"	"
V	1160	1165	6015174			"	"
V	1165	1170	6015175			"	"
V	1170	1175	6015176			"	"
V	1175	1179	6015177			"	"
V	1179	1184	6015178			4E1	± 5 minor ± 4 ± 9 minor (4L) 80/20%
V	1184	1189	6015179			"	"
							Density Done

Code	FROM	TO (At)	Feature	REG	UPPER Dip Direct.	INTERNAL Dip Direct.	LOWER Dip Direct.	Description	Rad%					
1	10	14	16	20	22	24	26	28	32	34	36	40	44	
	0	4.6	N.P.											
	4.6	7.6												Casing
	7.6	8.9	R.3	9										O.B.
	8.9	10.0	R.3	9										Ferracrete
	10.0	11.8	B.1	9										0
	11.8	13.8	B.1	9										0
	13.8	14.0	B.1	9										60
	14.0	17.9												70
	17.9	18.9	B.3R	9										80
	18.9	20.8	B.2	9										Local gauge
	20.8	21.7	B.2	9										50
														25
														50

Code	From			To			Recov.			No.			Unit			Description
	1	10	14	16	20	22	24	26	28	30	34	35				
		0		460							01				Casing - No return	
		460		765							02				O.B. Brown, greenish sandy silt w/ oxidized granite + minor various boulders, cobbles + pebbles - Till TOI-63 - Greenish - 63-EOI - oxidized	
		765		890							03	446			Ferrucrite	
															Strongly oxidized, crushed + rubble weakly chloritic. S ₂ plane oxidized - locally greenish. 85.6 - 88.0 - 1.5 ft lost. Rest of recovery 0.15. RQD - 0%	
		890		1009							04	464			(4E±6±4) 60/40% G. v. rubble	
															Dark grey + powdery to rubble - locally brassy (4E±6) weakly P _{S2} laminated at 55° CAX minor ferrucrite blebs near 707. 92-97 - 2ft lost - rest of recovery 0.15. Est Pb+Zn 10-12% RQD - 0%	
		1009		1185							05	464			(4E486) 70/30%	
															Mod hard massive cream - brassy white P _{S2} laminated at 50-60° CAX. Local pyritic brassy lenses. Good recovery. lower contact gradational. Est Pb+Zn 10-12% RQD - 60%	

DDH 9.0-V-45
2 8CURRAGH RESOURCES INC.
Lithologic Log

Page 4 of

Date: 01/05/90 Logged By: PL

Code	From		To		Recov.			No.			Unit	Description
	10	14	16	20	22	24	26	28	30	34		
	1118	5	1138	4					106	4E11614	±# local	
											Hard, brassy & grayish + white. Good recovery. lower contact gradational. Est Pb+Zn 3-5%. Irregular localized banding. RQI - 70%	
	1138	4	1140	8					106	4G141	±# ±7 or 8	
											Mod hard, maroon, speckled white + brassy. Good recovery. lower contact gradational. Est Pb+Zn - 10-12%. RQI - 80%	
	1140	8	1179	8					107	4I11	±8 ±4 ±9 minor	
											Hard, brassy w white qtz blebs + local bands. Good recovery. w/ky broken. Est Pb+Zn 2-3%. lower contact marked by appearance of carbonaceous stringers. RQI - 80%	
	1179	8	1189	0					108	4E11	±5 minor ±4 ±9 minor (4L0) 80/20%	
											Hard to soft, brassy greenish w yellowish cream. siccitic blebs. V strongly broken to rubble - lower contact sharp but broken. Good recovery. local minor gorse. RQI 50%	

DDH 90-V-45
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Page 5

Date: 01/04/90 Logged By: PL

Core No.	From		To		Recov.		No.		Unit		Description
	10	14	18	20	22	24	26	28	30	34	
	1890		2080						109	4L2	±7±4
											V. soft light green, PS ₂ laminated at 70-75° CAK.
											Sz plane light green + "talrose". Good recovery. Lower
											contact gradual. Mod - strongly broken // PS ₂ RQD - 25%
	2080		2170						110	4L2.7	±4±1
											Same as unit 09 but more strongly mineralized + silicified
											locally. PS ₂ at 60-70° CAK. Good recovery. Est Pb + Zn ≤ 2%
											Local ptz veins. RQD - 50%
											217.0 FOH

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-46

Reference Fabric Orientation Diagram:

Project: Vanguarda Tailfill

Location: " Pit

SECTION Claim: 12 + 0 E

UTM Terr. Plane Co-ords.: 6903216.125 N

594233.407 E

Grid Co-ords: _____

Elevation: 1163.674

All symmetry determinations looking

Total Depth: 177'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V46

DDH 9.0.-N.-46
2 8

CURRAGH RESOURCES INC. Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From		To		Feature E S	S ₀		S ₁		S ₂		Description		
	10	14	16	20		Dip	Direct.	Dip	Direct.	Dip	Direct.			
1	10	14	16	20	22	24	26	28	32	34	38	40	44	
	1160	0	1177	0	P1312							613		

DDH V-20-46
2 8

CURRAGH RESOURCES INC.

22111 12+002

Page 1 of 1

Logged by mc

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	16	20						22	26	28
✓	102.0		106.0		61041719			AE11	±9 → [40] 92-93 0.5ft lost 95.5-96.6 1ft lost 93.5-95.50.5ft lost			
✓	106.0		110.0		61041719			AE11	±9 → [40] Recovery 96.5-97.5 0.5ft lost 97-98 1.3ft lost 98-102.0 2ft lost			
✓	110.0		110.5		61041810			AE11	±9 → [40] Recovery 102-105 2ft lost.			
✓	110.5		110.8		61041811			AE11	±9 → [40] 105.0-108.4 0.4ft lost.			
✓	110.8		111.3		61041812			AC3	±8 or ±7, ±4			
✓	111.3		111.9		61041813			"				
✓	111.9		112.3		61041814			AC3 7A				
✓	112.3		112.7		61041815			"				
✓	112.7		113.1		61041816			"				
✓	113.1		113.5		61041817			"				
✓	113.5		113.9		61041818			"				
✓	113.9		114.4		61041819			"				
✓	114.4		114.8		61041910			AD7	±9			
✓	114.8		115.2		61041911			"				
✓	115.2		116.0		61041912			"				
									Σ 0.14 160.0 ft.			
									Density Done			

Core	FROM				TO (At)				Feature	REC	UPPER Dip Direct.				INTERNAL Dip Direct.				LOWER Dip Direct.				Description	Rad %
	1	10	14	18	20	22	24	28			28	32	34	38	40	44								
									NIP															
																							Casing	
																							O.B.	
									R3	7														0
									B1	7														45
									B1	9														60
									B1	9														35
									B2	9														5

Code	From		To		Recov.			No.		Unit		Description
	10	14 16	20 22	24 26	28 30	34 35						
	10.0	14.5						1010			No returns Casing	
	145.0	92.0						1011			Overburden. Grey brown rubble, mud, gouge & granitic boulders. Recovery: 45-47 1.5ft. 52-57 3.3ft lost 57-62.5 4.3ft lost. 70.5-72.5 no. recovery 72-77.5 5.3ft lost 80.5-77.5 2.5ft lost. 84-92 7.3ft lost	
											RQD - 0%	
	92.0	1018.4						1012	A1E11 ±3		→ [4C0]	
											Highly fractured, mud, gouge & rubble. Upper & lower cnts sharp/broken. Very diff. to estimate grade guessing < 2%. Poor Recovery: 92-93.5 0.5ft lost 93.5-95.5 0.5ft lost 95.5-96.0 1.2ft lost 96.0-97.5 0.5ft lost. 97-98 1.3ft lost 98-102.0 2ft lost. 102-105 2ft lost 105-108.4 0.9ft lost.	
											RQD - 0%	
	1108.4	1119.4						1013	14C13 ±8 or ±7, ±4		Hard, dull-brass colour. Upper cnt sharp/broken. Lower cnt gradational. Rx is magnetic however difficult to decipher which mineral is causing the magnetism. Small intermittent lenses of sph/sn. Minor fracturing. Overall grade 3-4% Pb/Zn. Good Recovery (100%)	
											RQD - 45%	

CURRAGH RESOURCES INC.
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16	20 22 24	26 28	30 34 35		
	1119.4	114A.2		104	4C1317A	±3, ±9 minor. Hard, overall reddish-brown w dull brass patches. Upper & lower cuts gradational. Minor fracturing. Trace of cpy 1%. Good Recovery. (100%) Overall grade: 6-7% Pb/Zn. RQD - 60%
	114A.2	11610.0		105	1A107	±9 Hard, grey-green w stringers of pyrrhotite. Mod. fractured. Good recovery (100%) Grade < 2% Pb/Zn. Upper cut gradational, lower cut very gradational. RQD - 35%
	1160.0	1177.0		106	3G161	±9 → [40 ± 7 (±5) ± 9] Hard to mod soft. Dark grey green w stringers & blebs of pyrrhotite throughout. Weak PS ₂ - 63° PS ₂ surface dark green. Fracturing // to PS ₂ surfaces. Trace of cpy < 1%. Mod. fracturing. Good recovery. RQD - 5% S.O.H 177.0 ft

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-47

Reference Fabric Orientation Diagram:

Project: Vangorda Infill

Location: " Pit

SECTION Claim: 12+0 E

UTM Plane Co-ords.: 6903196.145 N

594209.719 E

Grid Co-ords: _____

Elevation: 1163.827

All symmetry determinations looking

Total Depth: 222'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90147

SHIMMER

DDH N-90-47
2 8

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by mc

ASSAY LOG (SAMPLER'S COPY) Date _____

Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION				
	10	14	16	20						22	26	28	30
		94		99	603.17				AIG118				
		99		103	18				"				
		103		108	19				"				
		108		113	20				"				
		113		118	21				"				
		118		122	22				"				
		122		127	23				"				
		127		131	24				A1874			±1	
		131		136	25				"				
		136		141	26				"				
		141		145	27				"				
		145		150	28				"				
		150		155	29				"				
		155		160	30				"				
		160		165	31				"				
					32								
		165		169	32 33	32			19117			±9 minor	
		169		174	33 34	33			"				
		174		178	34 35	34			"				
		178		183	35 36	35			"				
					36 37								
		183		188	37 37	36			19117			±9, #minor, ±4 minor, ±8	
		188		193	38 38	37			"				
		193		198	39 39	38			"				
		198		203	40 40	39			"				
		203		208	41 40				"				
		208		212	HV				A1D7			±8, ±9 (4047) 98/2%	
		212		217	603.42				"				

E.O.14 222.0 ft

Code	From		To		Recov.			No.		Unit	Description	Section 12+00 E
	10	14	16	20	22	24	26	28	30			
	10.0	14.0	16.0	20.0					100		Casing, No return.	
	145.0	194.4							101		Overburden, Brown-grey mud, rubble, & granite boulders. Ferrocement mixed w granite boulders. (71-94.4)	
	194.4	1127.7							102	AG48	(4246) ± 7. 70/30%.	
											9648 - Grey-black to reddish brown color. Mod. hard Upper cut sharp/broken. Weak bedding in some areas Magnetite in thin beds (1-2mm) & small blebs 96 - 107 - Mod to heavy fracturing of the rock. 107 - 128 Mod to minor fracturing. At 114.7-150.0 a tiny unit of 560 (gouge). Grade 12-15% Pb/Zn. Good Recovery (100%) (4246) ± 7, ± 8. Hard, brassy colour. Cnt's sharp/irregular. Minor fracturing, Good Recovery (100%) Grade 5-6% Pb/Zn Overall Grade 12-15% Pb/Zn.	
												RQD - 30%
	1127.7	1131.8							103	AE74 ± 1	Hard, dull brassy w patches of reddish beige colour. Minor v. l. of Qtz. Minor fracturing. Upper cut sharp/broken. Lower cut granitic. Good Recovery (100%). Grade 4-5% Pb/Zn.	
												RQD - 45%

CURRAGH RESOURCES INC.
Lithologic Log

Depth	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
	1131.8	1165.1		10A	A1078	±9, ±4						S. 12x00E
												Hard. Upper & lower cuts gradational. Trace of cpy < 1% as tiny blebs & veinlets. Upper & lower cuts gradational. Minor fracturing. Good Recovery (100%) Grade: 3-4% Pb/Zn. RQD - 30%
	1165.1	1183.5		105	A151A	±9 minor						
												Hard Fine grained pyrite. Minor fracturing. Upper & lower cuts gradational. Trace of cpy as veinlets < 1%. Good Recovery (100%) Grade 1-2% Pb/Zn RQD - 44%
	1183.5	1208.0		106	A147	±9, # minor, ±4 minor, ±8						
												Hard, Fine grained pyrite. Upper & lower cuts gradational. Minor fractures filled w/ calcite. Trace cpy 1% as veinlets. Very minor fractured. Good Recovery (100%) Grade: 2-3% Pb/Zn. RQD - 75%
	1208.0	12117.0		107	A107	±8, ±9 (A107) 98/2%						
												Upper & lower cuts gradational. Trace of cpy < 1%. Minor blebs of magnetite present. Minor fractures. Excellent recovery (100%). High grade of (A107) (111.0-111.6) 15-20%. Overall grade < 3% Pb/Zn RQD - 60%

DDH V-90-47
 2 8

CURRAGH RESOURCES INC.
 Lithologic Log

Page 303

Date: 02/05/95 Logged By: mc

Core No.	From				To				Recov.				No.				Unit	Description				
	10	14	16	20	22	24	26	28	30	34	35	10	14	16	20	22			24	26	28	
		1217.0				1222.0														108	A1467	Green grey color, mod soft, Viallets & stringers of pyrrhotite. No well defined PS. Gradational upper cont. Mod fractured. Good Recovery (100%)
																						RQD - 0%
																						S.D.H 222.0 ft

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-48 (AX)

Reference Fabric Orientation Diagram:

Project: Vanguard Feed Mill

Location: " Pit

~~SECTION~~
12 + 0 E

~~Plane~~
Co-ords.: 6903174.334 N

Co-ords.: 594186.495 E

Grid
Co-ords: _____

Elevation: 1163.428

All symmetry determinations looking

Total Depth: 238'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped:
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V48

Structural Log

Date: _____ Logged By: _____

Code	From	To	Feature	E 5	S ₀		S ₁		S ₂		Description
					Dip Direct.	32 34	Dip Direct.	38 40	Dip Direct.	44	
10	14	16	20	22	24	26	28				
	121016 8	121128	P1512							415 - 515	
	121128	121318	P1512								changes throughout interval - locally associated

SHEET

DDH ² 90-N-48

CURRAGH RESOURCES INC.
Section 12+00 E

Page 1 of 1
Logged by P. Redwidge
Date 07/05/90 Sampled by _____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION					
	14	16	20	22	26	28	30	32	34	36	40	42
1	11080	11070	6101412	1	1	4E4	(4E64) 70/30%					
1	11070	11120	6101413	1	1	"	"					
1	11120	11190	6101414	1	1	"	"					
1	11190	11220	6101415	1	1	"	"					
1	11220	11270	6101416	1	1	"	"					
1	11270	11320	6101417	1	1	"	"					
1	11320	11370	6101418	1	1	"	"					
1	11370	11419	6101419	1	1	"	"					
1	11419	11470	6101420	1	1	4E11	I 8, I 4 minor I 9 minor					
1	11470	11521	6101421	1	1	"	"					
1	11521	11572	6101422	1	1	"	"					
1	11572	11623	6101423	1	1	"	"					
1	11623	11674	6101424	1	1	"	"					
1	11674	11726	6101425	1	1	"	"					
1	11726	11766	6101426	1	1	4E114						
1	11766	11806	6101427	1	1	"						
1	11806	11845	6101428	1	1	"						
1	11845	11891	6101429	1	1	4E11	I 8 X A local					
1	11891	11937	6101430	1	1	"	"					
1	11937	11984	6101431	1	1	"	"					
1	11984	12031	6101432	1	1	"	"					
1	12031	12078	6101433	1	1	4E41						
1	12078	12128	6101434	1	1	"						
1				1	1							
1				1	1							
1				1	1							
1				1	1							
1				1	1							
1				1	1							
1				1	1							
1				1	1							
1				1	1							
1				1	1							

Density Done

22

CURRAGH RESOURCES INC.
Fault Log

20	30	FROM	TO (At)	Feature	Dip			Description	Red%							
					Upper	Internal	Lower									
1	10	14	16	20	22	24	26	28	30	32	34	38	40	44		
	110	1147	1147	MP												
	1147	1102	1102													
	1102	1107	1107	G13												
	1107	1141	1141	R21												
	1141	1172	1172	B11												
	1172	1184	1184	B11												
	1184	2102	2102	B11												
	2102	2103	2103	X12												
	2103	2106	2106	X11												
	2106	2112	2112	B11												
	2112	2117	2117	B11												
	2117	2126	2126	B11												
	2126	2138	2138	B11												

Casing

OB.

card on OB.

2011Bx4

Red%

(original hole #8 was destroyed)

DDH 90-V-48-A (Ax)

CURRAGH RESOURCES INC.

Page 3

Section 12+00E

Lithologic Log

Date: 03/05/90 Logged By: P. Hedwidge

Core No.	From				To				Recov.	No.	Unit	Description
	10	14	18	20	22	24	26	28				
				470					14.3	101		Casing - No return
			470	102					31.1	102		O.B. Till - Granite boulders + silty clay w/ rock fragments 0-72 - non oxidized - 72-60I - oxidized orange. TUI - 58 - poor recovery. 58-60I - good to fair recovery. however contact sharp but broken.
			102	141					43.3	103	464	(4E64) 70/30%
												Mod. hard to med. soft w/ls. irregularly banded maroon, + brassy w/ white spots. Rubbly to w. strongly broken. 102-107 - Gravelled (contact w/ O.B.) 2.5 ft lost; Rest of recovery good; however contact gradational. Est Pb+Zn 10-12% RWI - 25%
			141	172					52.2	104	451	±8±4 minor ±9 minor
												Hard, brassy, w/ white qtz blebs. Local irregular banding. Good recovery. however contact gradational. Local Sch/G'n blebs. Est Pb+Zn ≤2% RWI - 50%
			172	184					56.3	105	4E14	Hard brassy w/ maroon blebs. Good recovery however contact gradational. Est Pb+Zn 4-6% RWI - 50%

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-49

Reference Fabric Orientation Diagram:

Project: Vanzorda Infill

Location: " Pit

~~SECTION~~
Claim: 11+0 E

~~UTM~~
Plane
Co-ords.: 6 903 188.462 N

594 154,082 E

Grid
Co-ords: _____

Elevation: 1160.040

All symmetry determinations looking

Total Depth: 277'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling
Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	

Hole
Cemented: Steel
down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V49

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description					
	10	14	16	20						22	24	26	28	32
	182	8	1918	3	P1S12			615	-1710					
					P1S12			510						in qtzite lenses
	110	26	11016	0				610						
	110	160	1110	0	P1S12			515	-1610					
	111	0	11218	1										P52 irregular
	112	187	11319	5	P1S12			615	-1715					
	113	195	11413	7	P1S12			715						
	114	137	11513	5	P1S12			710						
	115	135	11614	0	P1S12									irregular
	116	140	11618	5	P1S12			712						
	116	185	11812	5	P1S12			610	-1615					
	118	125	11816	0										P52 steep but inconsistent
	118	160	1214	193	P1S12			45	-1715					locally up to 85°
	121	53	1217	133										P52 slightly crenulated
	121	733	1217	170										P52 inconsistent

20110911(F006)

SPL 11:

DDH 90-V-49

CURRAGH RESOURCES INC.

Page 1 of

Logged by R. Ledwidge

ASSAY LOG (SAMPLER'S COPY)

Date 30/04/90 Sampled by

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10	14	16	20					
1		1983		11025	610161315			464	
		11025		110160	610161316			464	
		11100		111145	610161317			464	±8
		111145		111190	610161318			"	"
		111190		11235	610161319			"	"
		11235		11280	610161410				
		11535		11587	610161411			464	± # strong (4L0) 90/10% no 4L0
		11587		11640	610161412			"	
		11640		11685	610161413			4L0	±2 (464) 70/30%
		11685		11732	610161414			464	
		11732		11779	610161415			"	
		11779		11825	610161416			"	
		11825		11860	610161417			464	
		12493		12527	610161418			464	± #
		12527		12553	610161419			"	"
		12553		126105	610161510			464	±2±4 (464) 70/20%
									Density Done

16

Core No	FROM		TO (At)		Feature	US REG	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description	R&D
	10	14	18	20			22	24	28	28	32	34		
	10		15		MP1	0								
	15		18											
	18		19		G1R2	9							Weathered	0%
	19		20		B2	9								10°/10
	20		21		B1	9								40°/10
	21		22		B2	9								0°/10
	22		23		G2	9								0°/10
	23		24		B2	9								30°/10
	24		25		G2	9								0°/10
	25		26		B2	9								30°/10
	26		27		G2	9								0°/10
	27		28		B2	9								30°/10
	28		29		G2	9								0°/10
	29		30		B3	9								0°/10
	30		31		R2	9								0°/10
	31		32		B2	9								10°/10
	32		33		B1	9								70°/10
	33		34		X1G2	9								0°/10
	34		35		B1	9								70°/10
	35		36		S2	9								0°/10
	36		37		B3	9								0°/10
	37		38		R1G1	2								Fault
	38		39		G2	9								0°/10
	39		40		B2	9								25°/10
	40		41		G2	9								0°/10
	41		42		B2	9								25°/10
	42		43		B1	9								80°/10
	43		44		B1	9								70°/10
	44		45		B2	9								0°/10

Code	From				To				Recov.				No.				Unit	Description
	10	14	16	20	22	24	26	28	30	34	35	10	14	16	20			
		10			15	15	0					10	1				Casing - No return	
		55	0		65	0						10	2				O.B. Gray till - clay w mixed rock fragments - 55-57.5 - 1.4 ft lost; 57.5-62 - 2 ft lost; 62-65 - 1.5 ft lost.	
		65	0		82	8						10	3				O.B. Till - Granite boulders + oxidized orange silty sand + various rock fragments. 77.5-82.5 - 2.5 ft lost. Rest of recovery O.K. Contact sharp.	
		82	8		98	3						10	4	36	91		oxidized ± 4 (SAO) 70/30 % Soft PS2 laminated at 65-70° CAX - dark grey/green oxidized. S2 plane dark grey green + shiny. Lenses of hard black + white quartzite w lgs minor sph/gr. wavy PS2 at 90° CAX. Interval gouged + rubble (Due to weathering) 90.2-98.0 1ft lost; Rest of recovery O.K. lower contact sharp but rubble. Est Pb+Zn < 1% RQD - 0%	
		98	3		102	5						10	5	45	46		Hard brassy w grey patches + white specks. Good recovery lower contact gradational. Est Pb+Zn 8-10% RQD - 10%	

Code	From			To			Recov.			No.			Unit			Description
	1	10	14	16	20	22	24	26	28	30	34	35				
		1102	5		1106	0					106	464				
																Hard w soft spots, brassy, greyish + creamy white. Good recovery lower contact sharp & broken. Est Pb+Zn 10-12% V. irregularly laminated at 60° CAx. RQD - 40%
		1106	0		1110	0					107	440				
																V-soft P _{S2} lam. at 55-60° CAx - light beige. S ₂ plane light beige w green tinge + talcose. Good recovery lower contact sharp & irregular - gouged at 109-110.0. RQD - 0%
		1110	0		1128	1					108	464				± 8
																Mod. hard. locally laminated brassy, creamy + maroon. Good recovery. lower contact sharp & irregular P _{S2} irregular. Est Pb+Zn 12-15% Gouged at 112.0 - 115.0, 1185 120.0 RQD - 30%
		1128	1		1139	5					109	442				± Gouge
																V. soft white w green tinge, P _{S2} laminated at 65-75° CAx - by stringers. S ₂ plane white w green tinge & crystalline Gouged at Tot = 132 Good recovery. lower contact sharp & rubblely Rubblely throughout RQD - 0%

Code	From	To	Recov.	No.	Unit	Description	
1	10	14	16	20	22 24	26 28 30	34 35
	11395	11437		110	4619		
						Soft PS ₂ laminated dark green, white + black. S ₂ plane dark grey w green tinge. PS ₂ 75° CAX - Rubble. Good recovery. lower contact sharp // PS ₂ . RQD 0%	
	11437	11535		111	4620	±2	
						Soft, v. light green PS ₂ lam. at 70° CAX. S ₂ plane white w green tinge + talcage. Good recovery, lower contact marked by 1" brecciation zone. RQD - 10%	
	11535	11640		112	4641	±# strong (464)	95/30%
						Mod hard, bossy maroon PS ₂ laminated (irregular) w white lam. + speckles. 155 - 156. brecciated + ganged light green soft sericite schist lense. Good recovery. lower contact sharp + irregular. Est Pb+Zn 10-12%. RQD - 70%	
	11640	11685		113	4640	±2 (464)	70/30%
						Soft PS ₂ lam. at 72° CAX + mod sheared // PS ₂ v. light green to white. local lense of 464 as unit 12. 0 ft lost. Est Pb+Zn 2-3%. RQD - 0%	

DDH 9.0-V-49
2 8CURRAGH RESOURCES INC.
Lithologic LogPage 6 of _____Date: 30/04/90 Logged By: PL

Code	From		To		Recov.			No.			Unit	Description
	10	14	16	20	22	24	26	28	30	34		
	1168	5	1182	5					114	4	4168	
												Hard brassy, & black w white spots & murreon laminations. P ₅₂ at 60-65° CAx - Good recovery. however contact rubbly. strongly broken. Est Pb + Zn 6-8% RQD - 0%
	1182	5	1186	0					115	4	4144	Rubbly & gouged
												Black, white & murreon banded P ₅₂ steep but inconsistent local lithons. S ₂ plane dark grey & siliceous. Good recovery. Est Pb + Zn 8-10% RQD - 0%
	1186	0	2149	3					116	4	4142	±7 ±4 minor (SCO Zebra Rocks) (360±9) 93/5/2%
												V. soft light beige w green tinge. P ₅₂ lam at 65-75° CAx - locally up to 85° CAx. S ₂ plane white w green tinge & talcose. Gouged at TOF - 190; 226.5-228.5; 231.0-237.5 Striped green & white non calc. metabasite at 193.5-195; 206.8-208.8. Wealthy carbonaceous med grey & white phyllite at 240-241.5. Same P ₅₂ . 220-224.5 - 0.5 ft lost; 224.5-228.5 - 0.5 ft lost; 233-236.5 - 1ft lost; 236.5-240 - 1ft lost. Rest of recovery 0 ft. however contact sharp & irregular. RQD - 25%

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	2493		2553					17	4644		± #
											Mod hard brassy, cream + micaceous non laminated. Calcareous. but only in secondary fractures. Good recovery. Lower contact sharp at 40° CAX. Est Pb+Zn 12-15% RQD ~ 80%
	2553		2733					18	4471		± 2 ± 4 (464) 93/07%
											Soft light green irregularly steeply foliated. S2 plane light beige w green fringe. Good recovery. 259.2-260.5 Same baritic as unit 17. Lower contact sharp + broken. Est Pb+Zn < 10% PS2 slightly crenulated. RQD 70%
	2733		2770					19	5019		Zebra Rock
											Green + white banded + soft. Crenulated. Local lithon PS2 inconsistent. Good recovery. RQD - 0% S2 plane med green + soft + chloritic
											277.0 E011

05106
90V50

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-50

Reference Fabric Orientation Diagram:

Project: Vangonda Inf:11

Location: " Pit

~~Section~~
Claim: 11 + 0 e

~~UTM~~
Terr. Plane
Co-ords.: 6 903 239.737 N

594 215.455 E

Grid
Co-ords: _____

Elevation: 1162.653

All symmetry determinations looking

Total Depth: 207'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling
Contractor: _____

	Size	<u>CORE</u> From	To	Collar Cased and Capped: _____
	_____	_____	_____	

Hole
Cemented: _____ Steel
down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

Code	From			To			Feature	S ₁ E	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24			26	28	32	34	38	40	
	112	25		115	55		PS12						610	-1710	crenolated
	118	73		121	0		PS12						810		shallows to 40° CAX at 202 - 205

SECTION 11+005

SHIRT #2

DDH $\frac{9.0 - 5.0}{2}$

CURRAGH RESOURCES INC.

Page 1 of

Logged by P. Hedwidge

ASSAY LOG (SAMPLER'S COPY)

Date 28/04/90

Sampled by

CODE	FROM				TO				SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30					
	1155	5	1159	5	610161511						41C151	±4	
	1159	5	1163	5	610161512						1"	"	
	1163	5	1167	5	610161513						1"	"	
	1167	5	1171	8	610161514						4E1	±7	(4LO) 95/5%
	1171	8	1176	1	610161515						4E1	±7	(4LO) 50/50% BXA
	1176	1	1180	5	610161516						1"	"	
	1180	5	1183	9	610161517						41E1	±8 ±9 minor	(4LO) 95/5%
	1183	9	1187	3	610161518								
													Density Done

Core #	From		To		Recov.	No.	Unit	Description	
	10	14	18	22					24
	10		5.5	0		01		Casing - No return	
	5.5	0	9.1	0		02		O.B. - Till - silty clay w/ pebbles rubble + granite boulders + local metabasite boulders. 55-57 - 1.5ft lost; 57-62.5 - 2ft lost; 62.5-67.0 - 1ft lost; 67-72 - 2.5ft lost; 72-77 - 2ft lost; 77-82 - 1.5ft lost; 82-87 - 2ft lost; 87-92 - 2ft lost	
	9.1	0	11.7	5		03		O.B. - Brownish green silty clay. 102.5-107.5 - 1.5ft lost; 107.5-112.5 - 2ft lost; 112.5-117.5 - 2ft lost;	
	11.7	5	12.2	5		04		O.B. - Oxidized black sand w/ granite fragments. 3.5ft lost;	
	12.2	5	15.5	5		05	3G9.4	V. soft med grey/green to light grey. Sz plane medium grey/green + shaly + soft. Rubbly throughout. Many small gaseous zones. 122.5-124.5 gaseous; 124.5-127.5 1ft lost; 127.5-132 - 4ft lost; 137-141. 0.5ft lost; 146.6-149.6. 0.5ft lost; 157-156.6 - 0.5ft lost PS ₂ at 60-70° CAx when observed but concealed. lower contact sharp but rubble + i) gaseous on next unit. RQD - 0%	
	15.5	5	16.7	5		06	4C5 ±4 ±	White + brassy + black, poorly banded, hard. 162-167.0 - 2.5ft lost. Rubbly + gaseous over 50% of interval. lower contact sharp rubble. Rest of recovery O.K. Est Pb+Zn ≤ 2% RQD - 0%	

Core No.	From		To		Recov.		No.		Unit		Description
	10	14	18	20	22	24	26	28	30	34	
	167	5	171	8					107	4E1	±7 (4L0) 95/5%
											Hard w soft light beige sericite blebs - Dark brassy to black Rubbly & gassed. Est Pb+Zn 2-3% lower contact gradational. Good recovery, R(1)-0%
	171	8	180	5					108	4E1	±7 (4L0) 50/50% BxA
											brecciated - same as above unit but 50% sericite. Both units are intermixed blebs. V. soft. to hard. lower contact sharp at 20° CAX Good recovery: Est Pb+Zn < 2% R(1) - 30%
	180	5	187	3					109	4E1	±8 ±9 minor (4L0) 95/5%
											Hard brassy w white irregular gtz bands. Local sericite creamy blebs. lower contact gradational but sharp (several 4L0 bands intercalated w 4E1. Good recovery: Est Pb+Zn ≤ 2%
	187	3	207	0					110	4L2	±7 (4H3) 96/4%
											V. soft Pz laminated at 80° CAX - (shallows to 40° CAX at 202-205) light beige/greenish. Good recovery. Sz plane light greenish grey & "talcase". 198.8-199.5 - Pz w by massive lens & blebs within 4L0. 200-EOI - crinoidal + Pz irregular. Minor 1-2" gouge. R(1) - 70%
											207 EOH

DIAMOND DRILL CORE LOG

Date: _____

15106
90V51

Hole Number: 90V-51

Reference Fabric Orientation Diagram:

Project: Vangorda Infill

Location: " Pit

Claim: 10 FOE

Terr. Plane Co-ords.: 6903282.661 N

594215.577 E

Grid Co-ords: _____

Elevation: 1159.198

All symmetry determinations looking

Total Depth: 225'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

2 8

Structural Log

Date: _____ Logged By: _____

Code	From			To			Feature Sym	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24		26	28	32	34	38	40	
	1910	2		1913	0		PS12						815	
	1913	0		1112	5		PS12						911	
	112	8		114	7		PS12						69	
	114	7		115	7		PS12						65	PS2 not well developed
	121	15		121	15		PS12						60	

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE		INTR.		REC (m)	UNIT		DESCRIPTION	
	10	14	16	20	22	26	28	30	32	34	36		40
		193.0		197.0	610151013						14A7	±4, ±9 minor	
		197.9		11012.8	610151014						"		
		1107.8		1107.6	610151015						"		
		1107.6		1112.5	610151016						"		
		1157.2		1162.1	610151017						14A7	±4, ±9 minor	
		1162.1		1167.0	610151018						"		
		1167.0		1171.9	610151019						"		
		1171.9		1176.9	610151110						"		
		1176.9		1181.8	610151111						"		
		1181.8		1186.7	610151112						"	Recovery 180.5-196.7 2.0 ft lost	
												Σ.O.H 225.0 ft.	
												SPH	
												SPLIT	
												Density Done	

CURRAGH RESOURCES INC.
Fault Log

Date: 09/08/90 Logged By: MC

Core #	FROM			TO (At)				Feature	US FEET	UPPER Dip Direct.		INTERNAL Dip Direct.		LOWER Dip Direct.		Description	Rd %
	1	10	14	18	20	22	24			26	28	32	34	38	40		
		10															
		30							0								
		30															
		90															
		90			93				B2								0
		93															
		93			112				B2								2
		112															
		112			128				B2								1
		128															
		128			147				B2								1
		147															
		147			157				B3								0
		157															
		157			186				B3								4
		186															
		186			194				FX								0
		194															
		194			215				B2								5
		215															
		215			225				B2								0

Casing
O.B.

Fault-local gouge
local BXA

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16	20 22 24	26 28 30	34 35		Section 10+00E
	10.0	130.0		1010		No return, Casing
	130.0	190.2		1011		Overburden Till consisting of grey rubble & mud mixed with granitic boulders.
	190.2	193.0		1012	A1L171	±2. Soft, med green colour. PS ₂ - 85° PS ₂ surface dark green-shiny. Mod fracturing. Fracturing // to PS ₂ surfaces. Upper & lower cnt sharp/broken. Stringers of pyrrhotite. Minor Q17 veins. Good Recovery
						RQD-0%
	193.0	1112.5		1013	A1A17	±4, ±9 minor. Hard, Overall grey-black colour. PS ₂ - 91° PS ₂ surface dull-grey black. Fracturing // to PS ₂ surfaces. Mod. fractured. Pyrrhotite occurs as small (1-3mm thickness) stringers. Upper & lower cnts sharp/broken. Good Recovery. Overall grade: 1-2% Pb/Zn.
						RQD-2%
	1112.5	1128.2		1014	A1L16	±2. Mod/soft to hard. Grey-green colour. Upper cnt sharp/broken. lower cnt gradational. Stringers of pyrrhotite thru-out core. Minor disseminated pyrite. Mod. fractured. No well developed PS ₂ . Good Recovery (100%)
						RQD-1%

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
	1128.2	147.0		1015	151B10 ±9	Soft, grey-green colour, upper gradational lower cut sharp/broken. PS ₂ - 69° PS ₂ surface grey/semi-lustrous. Sx present is pyrrhotite as small blebs & stringers. Mod. fractured. Fracturing // to PS ₂ surfaces. Good Recovery. RQD - 1%.
	147.0	1157.2		1016	151A10 ±3	Soft, grey-black colour. Upper cut sharp/broken. Lower cut sharp/irregular. PS ₂ not well developed - 65°. Some Qtz veining. Pyrrhotite present as minor stringers/viellets. Mod to heavy fracturing. Recovery Good except: 152-157.2 2.0 ft lost. RQD - 0%
	1157.2	1486.7		1017	141A7 ±4, ±9 min.	Hard, overall dark-grey colour. Upper cut sharp/irregular, lower cut sharp/broken. Mod to minor fracturing. Cpy present < 2%. Stringers/viellets of pyrrhotite. Minor fractures infilled with calcite. Good Recovery except 180.5-186.7 2.0 ft lost. Grade < 2%. Pb/Zn. RQD - 4%
	186.7	1194.0		1018	A1L17 ±2	Fault-Brecciated, heavily fractured, some spar present. Recovery: 186.7-194 2.1 ft lost

CURRAGH RESOURCES INC.
 Lithologic Log

Date: 15/05/90 Logged By: MC

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
	1194.0	12115.0				109	1A-72	±# Soft, ^{to mod, soft} light green-grey. No well developed PSz. Pyrrhotite present as veinlets/stringers. Massive pyrrhotite lense (207.9-208.7) Mod. fractured (214-215) → heavily fractured/minor breccia. Minor faulting? Calcite infilling minor fractures. Decent Recovery except for: 210-215 0.5 ft lost		
								RQD-5%		
	12115.0	12215.0				110	3G8	Soft, med-grey-green, PSz-60° PSz surface: green/lustrous. Fracturing // to PSz surfaces. Minor fracturing. Upper cont gradational/broken. Good Recovery		
								RQD-0%		
								E.O.H. 225.0 ft		

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-52

Reference Fabric Orientation Diagram:

Project: Vangorda Infill

Location: " Pit

Section:
Claim: 9+0 E

UTM.
Terr. Plane
Co-ords.: 6903305.516 N

6903295.1

594194.441 E

594183.3

Grid
Co-ords: _____

Elevation: 1156.332

1156.5

All symmetry determinations looking

Total Depth: 213'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped:
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V52

Structural Log

Code	From		To		Feature	FS	S ₀		S ₁		S ₂		Description
							Dip	Direct.	Dip	Direct.	Dip	Direct.	
1	10	14	16	20	22	24	26	28	32	34	38	40	44
		1780		1856	PIS12							65	-1810
		1856		110100	PIS12							710	
		110100		111120	PIS12							85	
		111120		11368	PIS12							710	-175
		11368		114178	PIS12							610	-1710
		117121		11751									
		118172		11934	PIS12							510	
		11934		120115	PIS12							515	-175
		120115		121130	PIS12							715	-1810

P52 steep and
irregular

DDH 70-V-52
2 8

CURRAGH RESOURCES INC.

Section 9400E

Page 1 of 1

Logged by P. Lodwidge

ASSAY LOG (SAMPLER'S COPY)

Date 11/05/90 Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)		UNIT	DESCRIPTION		
	10	14	16	20			22	26			28	30
	178		181	8	610171212				4A101	±4±9 minor (4LG oxydizd) 60/40%		
	181	8	185	6	610171213				"	"		
	185	6	190	4	610171214				4D145	±9 (3C#) 95/5%		
	190	4	195	2	610171215				"	"		
	195	2	1100	0	610171216				"	"		
	1100	0	1104	0	610171217				4A141	±9		
	1104	0	1108	0	610171218				"	"		
	1108	0	1112	0	610171219				"	"		
	1112	0	1117	0	610171310				4A141	±9		
	1117	0	1122	0	610171311				"	"		
	1122	0	1127	0	610171312				"	"		
	1127	0	1131	9	610171313				"	"		
	1131	9	1136	8	610171314				"	"		
	1136	8	1142	3	610171315				4D31	±8 (3C#) 50/50%		
	1142	3	1147	8	610171316				"	"		
	1147	8	1152	7	610171317				4C381	±4±9 minor		
	1152	7	1157	6	610171318				"	"		
	1157	6	1162	5	610171319				"	"		
	1162	5	1167	3	610171410				"	"		
	1167	3	1172	1	610171411				"	"		
	1175	1	1179	7	610171412				4C381	±4±9		
	1179	7	1184	4	610171413				"	"		
	1187	2	1190	3	610171414				4C51	±7 local ±9		
	1190	3	1193	4	610171415				"	"		

DDH 90-V-52
2 8

Diamond Drill Core Log

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					A T C O L L A R
R		2130	88	012	
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

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

Lithologic Log

Date: 10/05/90 Logged By: P. Hedwidge

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
		10		30	0	9.1		101			Casing - No return
		30		78	0	23.8		102			O.B. Till - Granite boulders & grey sandy silt w mixed rock fragments - Recovery v. poor. 38 ft lost in interval. Contact w bedrock sharp but rubble & muddy.
		78		85	6	26.1		103	4A, 10		±4±9 minor (4L6 oxidized) 60/40%
											Hard, black & white & brassy PS ₂ lam at 65-80° CAX. S ₂ surface v. dark grey. Lenses of beige greenish soft sericite phyllite w green/beige S ₂ surface intercalated throughout. Lower contact marked by absence of 4L6. Good recovery. Strongly broken // PS ₂ . Est Pb+Zn 2-3% RQD - 0%
		85		100	0	30.5		104	4D, 4E		±9 (3C#) 95/5%
											Hard PS ₂ laminated at 70° CAX - brassy, maroon white & black. 94.0-94.8 Calcitic gray green metabasite lense (mod. sericitized) 89-90.5- 20% Pb+Zn Overall Est Pb+Zn - 4-6% Good recovery. Lower contact gradational. RQD - 70%
		100		112	0	34.1		105	4A, 44		±9
											Hard black, white, maroon & brassy. PS ₂ banded at 85° CAX. Good recovery. Lower contact gradational. Est Pb+Zn 12-15% RQD - 50%

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	11120		11368		41.7		106		4A41		±9
											Same as unit 4 but lower grade. P _{S2} -70-75° CAX Good recovery. Lower contact gradational. Est Pb+Zn - 4-5% RQD - 50%
	11368		11478		45.1		107		4D31		±8 (3C#) 50/50%
											Brassy w/ qtz bands + blebs. Hard. Metabasite is soft, med green P _{S2} lam at 60-70° CAX - S ₂ plane is dark green. Good recovery, however contact marked by absence of 3C#. Est Pb+Zn - ≤2% RQD - 50%
	11478		11721		52.5		108		4C381		±4 ±9 minor
											Hard, brassy + white, non laminated. Good recovery Lower contact sharp at 80° CAX - Est Pb+Zn 2-3% RQD - 80%
	11721		11751		53.9		109		3C1#		±4
											Soft bluish green steeply & irregularly P _{S2} lam. S ₂ plane speckled green + beige. Good recovery. Lower contact sharp at 85° CAX. RQD - 20%

Lithologic Log

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
	11751		11844		56.2	110	4C38	±4 ± 9 minor		
								Same as unit 8. Est Pb+Zn 2-3% RQD - 70% lower contact sharp at 65° CAX - Good recovery.		
	11844		11872		57.1	111	3C#			
								Soft, med green steeply + irregularly PSZ lam. S2 plane dark green. Good recovery. lower contact sharp + irregular. RQD - 50%		
	11872		11913		59.0	112	4C51	±7 local ± 9		
								Hard, brassy, white w black stringers. PSZ lam at 50° CAX. Good recovery. lower contact gradual. (next unit silicified at top). Est Pb+Zn 2-3% RQD - 80% 19Z-EOI - pyrobititic.		
	11913		12011		61.9		3G96			
								V. soft dark green + black PSZ lam at 55-75° CAX - S2 plane dark green + black. Good recovery. TOT - 194 - weakly silicified. 2-3% Py, 5% Py. RQD - 20%		
	12011		12113		64.9		4L72	±9 ± 1		
								Soft - locally hard PSZ lam at 75-85° CAX - Good recovery. S2 plane med green + beige + sh. RQD - 70% 213.0 EOH		

DIAMOND DRILL CORE LOG

Date: _____

90V53

Hole Number: 90V53

Reference Fabric Orientation Diagram:

Project: Vangorda Infill

Location: " Pit

SECTION:
Claim: 910E

UTM:
Terr. Plane
Co-ords.: 6 903 254.369 N

6 903 244.0

594 136.203 E

594,124.6

Grid
Co-ords: _____

Elevation: 456.438 ^{1155.0}

All symmetry determinations looking

Total Depth: 217.0

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
------	-----------	----	--------------------------------

Hole Cemented: Steel down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

Whole SAMPLE

Section 9+00 E

DDH V-9.0-5.3
2 8 (B)

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by MJC

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)		UNIT	DESCRIPTION		
	10	14	16	20			22	26			28	30
	1112	3	1119	0	61016159				11410	Recovery. 112-117 4.7 ft lost + 117-119 1.5 ft lost		
	1125	8	1129	5	61016160				A1618	(5C#) 50/50%		
	1129	5	1133	3	61016161				"			
	1133	3	1137	0	61016162				"			
	1137	0	1140	0	61016163				14618			
	1140	5	114A	0	61016164				"			
	114A	0	1147	5	61016165				"			
	1147	5	1151	0	61016166				"			
	1151	0	1154	0	61016167				"			
	1154	0	1158	0	61016168				"			
	1158	0	1161	0	61016169				A1617	±9, ±8		
	1161	0	1165	0	61016170				"			
	1165	0	1168	0	61016171				"			
	1168	0	1172	0	61016172				"			
	1172	0	1175	0	61016173				"			
	1175	0	1179	0	61016174				"			
	1179	0	118A	0	61016175				14071	±8, ±4, ±9 minor.		
	118A	0	118B	0	61016176				"			
	118B	0	1193	5	61016177				"			
	1193	5	119B	2	61016178				"			
	119B	2	1202	0	61016179				"			
	1202	0	1207	0	61016180				"			
	1207	0	1212	3	61016181				"			
	1212	3	1217	0	61016182				"			
										E.O.H. 217.0ft.		
										Density Done		

24

DDH 90-V-53
2 8

Diamond Drill Core Log

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		217	-88	110	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	

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

DDH $\frac{1}{2} = 9.0 - 5.3$
2 8

(B)

CURRAGH RESOURCES INC.
Lithologic Log

Page 1 of 2

Date: 16/05/90 Logged By: MC

Code	From		To		To Recov. m	No.	Unit	Description	Section 21005	
	10	14	16	20						22
	10.0	13.0	0	0	9.15	1010		Casing. No return.		
	13.0	11.12.3			34.2	1011		Overburden: Till consisting of grey-brown rubble, mud, clay. mixed in with granitic boulders. Very poor recovery.		
	11.12.3	11.19.0			26.3	1012	A1C10	Hard, light-grey colour. Upper & lower cnts sharp/broken. Heavily fractured. Grade < 1% Pb/Zn. Rusty weathering on fractured surfaces. P. Recovery: 112-117 4.7 ft lost 117-119 1.5 ft lost. ROD-0%		
	11.19.0	11.25.8			38.4	1013	A1E10 ±1	Hard, Brassy colour. Upper & lower cnts Sharp/broken. Minor rusty weathering on fractured surfaces. Heavily fractured. Grade < 1% Pb/Zn. P. Recovery: 119-121 4.8 ft lost 121-124.5 1.5 ft lost. ROD-0%		
	11.25.8	11.37.0			41.8	10A	A1G48	(5C#) 50/50% 5C# - Soft, med. green colour. Zebra texture. Qtz veining. Heavily to mod fractured. Cnts sharp/broken 82-55-60°. Local lithons. A1G48 - Hard, Reddish brown colour. Mod. Fracturing (1-2mm) blebs of magnetite present. Grade 10-12% Pb/Zn. Recovery: 126.5-132.5 2.1 ft lost. otherwise good Recovery. ROD-0%		

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
	1137.0	1158.0	48.6	105	AIG1A8	Hard, Reddish Brown colour. Upper cont sharp/broken lower cont gradational. Minor fracturing. Grade: 10-12% Pb/Zn. Good Recovery ROD- 30%
	1158.0	1179.4	54.7	106	AIDA17	±9, ±8 Hard, Grey Quartz, is brassy & reddish brown patches. Cpy present < 2%. Magnetite as small blebs (1-3mm). Pyrrhotite dispersed as stringers. Overall grade: 4-5% Pb/Zn. Very minor fracturing Upper & lower conts gradational. Excellent Recovery. ROD- 70%
	1179.4	1217.0		107	AID17	±8, ±4, ±9 minor Hard, Grey Quartz is brassy patches. Cpy < 1%. Upper & lower conts gradational. Upper cont gradational. Minor fracturing. (197-197.6) local loss of highgrade galena (AD4) 10% Pb. Excellent recovery (100%) ROD- 50%
						Σ D.H. 217.0 ft.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V54

Reference Fabric Orientation Diagram:

Project: Vargonda Int'l

Location: " Pit

~~SECTION:~~
Claim: 9+0 E

~~UTM:~~
~~Zone:~~ Plane
Co-ords.: 6 903 244.049 N

594 124.664 E

Grid
Co-ords: _____

Elevation: 1155.040

All symmetry determinations looking

Total Depth: 280'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: _____ Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V54

(BI)

SPLIT

DDH V-90-59
2 8

CURRAGH RESOURCES INC.

Page 1 of 1

Logged by mjc

ASSAY LOG (SAMPLER'S COPY) Date _____ Sampled by _____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION					
10	14	16	20	22	26	28	30	32	34	36	40	42
	1137.0	1141.3	61091415							4G1A #18		
	1141.3	1145.6	61091416							"		
	1145.6	1149.9	61091417							"		
	1149.9	1154.3	61091418							"		
487	1154.3	1158.7	61091419							AC1B ±1, ±7, ±6 (464) 98/28		
	1158.7	1163.0	61091510							"		
	1163.0	1167.4	61091511							"		
	1167.4	1171.8	61091512							"		
	1171.8	1176.2	61091513							AC1B ±7, ±#		
	1176.2	1181.8	61091514							"		
	1181.8	1186.7	61091515							"		
	1186.7	1191.7	61091516							"		
	1191.7	1196.7	61091517							"		
	1196.7	1201.7	61091518							"		
	1201.7	1206.7	61091519							"		
	1206.7	1211.6	61091610							"		
	1211.6	1216.6	61091611							"		
	1216.6	1221.6	61091612							"		
	1221.6	1226.4	61091613							ACA B ± #, ±7, ±9 minor		
	1226.4	1231.1	61091614							"		
47	1231.1	1235.8	61091615							"		
	1235.8	1240.5	61091616							"		
	1240.5	1245.2	61091617							"		
	1245.2	1249.9	61091618							"		
	1249.9	1254.6	61091619							"		
	1254.6	1259.3	61091710							"		
	1259.3	1264.5	61091711							"		
	1278.3	1280.0	61091712							A1B0		

S.O.H. 280.0 Ft.

Density Done

DDH V-90-54 (BI)
 2 8
 M

CURRAGH RESOURCES INC.
 Lithologic Log

Date: 29/05/90 Logged By: MJC

Code	From		To		Recov.	No.	Unit	Description	Section	Notes
	10	14	16	20						
	10.0	130.0	9.1	100				Casing, No return.		
	130.0	1137.0	41.8	101				O.B. Till consisting brown mud & rubble mixed w/ granite boulders. At 117.2 (0.5 ft) of 464.		
	1137.0	1154.3	47.0	102	91614#18	±1		Mod. hard. Overall dark reddish brown w/ black stringers (magnetite). Upper cut sharp/broken. Lower cut gradational. Mod to minor fracturing. Minor Qtz veinlets. Est. grade: 10-12% Pb/Zn. Good Recovery (100%)		ROD - 50%
	1154.3	1171.8	52.4	103	17518	±1, ±7, ±6	(AG9)	93/2%		
								Hard, dull dark brassy colour. Minor to moderately fractured. Minor brx (161.5-162). Minor blebs of quartz & hematite (2mm-1cm). Upper & lower cuts gradational. Est. grade 3-4% Pb/Zn. Excellent Recovery		ROD - 75%
	1171.8	1211.6	67.5	10A	1C13B	±7, ±#		Hard. Grey-white matrix w/ dull brassy patches. Upper & lower cuts gradational. Minor to minor fracturing. Stringers of mag. & pyrrhotite present. Est. grade 2-3% Pb/Zn. High grade lens of 20% galena (207.5-208.0). Good Recovery (100%)		ROD - 55%

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-55

Reference Fabric Orientation Diagram:

Project: Vanguarda Int. 11

Location: " Pit

~~SECTION~~
Claim: 10+0E

~~UTM~~
Plane
Co-ords.: 6903 160.166 N

594 078.884 E

Grid
Co-ords: _____

Elevation: 1156.232

All symmetry determinations looking

Total Depth: 166'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V55

DDH 90-V-55 CURRAGH RESOURCES INC.

ASSAY LOG (SAMPLER'S COPY)

Date 19/05/90 Logged by MSC Sampled by _____

CODE	FROM		TO		SAMPLE				INTR.	REC (m)	UNIT		DESCRIPTION	
	10	14	16	20	22	26	28	30	32	34	36	40		42
	11293		11380		61014913						145118			± 9 miner (4L2) 90/10%
	113130		11360		61014914									
	11360		11410		61014915									
	115160		116110		61014916						145118			± 4, ± 9
	116110		116160		61014917									
														E.O.H 166 ft.
														Density Done

CURRAGH RESOURCES INC.
Fault Log

Code	FROM		TO (At)		Feature	REG	UPPER Dip Direct.			INTERNAL Dip Direct.			LOWER Dip Direct.		Description
	1	10	14	16			20	22	24	26	28	32	34	38	
	10.0		30		M	0									Casing
	89		103.7		B3	8								10	
	103.7		104.6		F?	8								10	
	104.6		120.5		B2	8								10	
	120.5		129.3		B2	9								10	
	129.3		140.4		B2	9								30	
	140.4		143.5		B2	9								10	
	143.5		143.8		B3	9								10	
	147.0		147.4		B3	9								10	
	147.4		148.5		B2	9								10	
	148.5		148.8		B3	9								10	
	148.8		166.0		B2	9								40	
															8.06 - 166.0ft
	30.		18.9												0/3

DDH 30-V-55
 2 8

Diamond Drill Core Log

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			164	87	5	47				
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										
R										

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

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
		10.0		130.0		9.2			1010		Casing, No return.
		130.0		1819.0		27.1			1011		O.B. Jill: grey rubble, sand & granitic boulders.
		1819.0		11240.5		36.7			1012	131610	(4L6) Soft, Green-grey colour. Weathered. Rusty orange coloured ^{fractured} surfaces (89-112) Heavy fracturing. Gauge (103.7-104.6) faulting? Upper & lower cnts sharp/broken. Recovery: 102-107 2.0 ft lost 107-112 4.3 ft lost RQD-0%
		1120.5		11249.3		39.4			1013	131510	±9, ±1 Soft, Grey black colour. Upper & lower cnts sharp & broken. Minor stringers of pyrrhotite present. Minor Qtz veins. PSz - 75-80° PSz surface granitic/dull lustre. Fracturing // to PSz surfaces. Mod to heavy fracturing. Good Recovery RQD-0%
		11249.3		1140.4		42.8			1014	1415118	±9 minor. (4L2) 90/10% Hard, brassy colour. Upper cnt sharp/broken. Lower cnt granular. Grade < 1% Pb/Zn. 4L2- Soft, grey-green. Disseminated pyrite. Intersected within the 4E18. Sharp cnts. Mod. fractured. Good Recovery. RQD-30%

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30
	140.4		1156.3		47.7		105		A1427	±9	Soft, Grey-green colour. Upper & lower cuts gradational. Cpy present < 2%. Qtz veining RS ₂ 60-65°. Intermittent small ^{zones} (fracture zone - faulting?) at (143.5-143.8), (147-147.4) (148.5-148.8) Decent Recovery. RQD-1%
	1156.3		1166.0		50.6		106		A1831	±4 ±9 minor,	Hard, dull brass colour. Upper cut gradational. Cpy present < 2%. minor fracturing. Flecks & stringers of magnetite. Grade 2-3% Pb/Zn. Good Recovery (100%) RQD-40% E.O.H 166 ft.

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90 V56

Reference Fabric Orientation Diagram:

Project: Verganda Infill

Location: " Pit

SECTION
Claim: E+Oe

UTM
Terr. Plane
Co-ords.: 6903329.189 N

594 174.770 E

Grid
Co-ords: _____

Elevation: 1152.659

All symmetry determinations looking

Total Depth: 192'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling
Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	

Hole
Cemented: _____ Steel
down Hole: _____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V56

DDH 90-V-56
 2 8

Diamond Drill Core Log 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					A.T. COLLAR
R		192	85	141.0	
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

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

Core	FROM				TO (At)				Feature	C U E	UPPER Dip Direct.				INTERNAL Dip Direct.				LOWER Dip Direct.				Description					
	1	10	14	18	20	22	24	26			28	32	34	38	40	44	1	10	14	18	20	22		24	26	28	32	34
		00			220				NP																			
		560			743				B2 9																		10	
		743			1052				B2 9																		20	
		1052			1682				B2 9																		20	
		1682			1718				B1 9																		65	
		1718			1755				B2 9																		65	
		1755			1760				X5																		10	
		1775			1780				X5																		0	
		1790			1890				B1 9																		10	
		1890			1920				B2 9																		20	
		220			560																							0/S

50-4 192.0 ft

0/S

Code	From		To		Recov.		No.		Unit		Description	Section 8+002
	10	14	16	20	22	24	26	28	30	34		
	10.0	122.0					90				Casing, No return.	
	122.0	1516.0					101				O.B. Granitic boulders.	
	1516.0	17A.3					1012	131617			#; Green-grey colour. Soft. PS ₂ - 65-70° PS ₂ surface grey/lustrous. Qtz veining. Mod. Fractured. Good Recovery	RQD - 0%
	17A.3	11613.2					1013	141A17A			(4L67) → [3G0] 90/10%	
											4L67 - Green grey colour. Soft to mod hard. Silicified (minor) Cnts sharp/irregular. Intercalated.	
											4A74 - Overall grey-black colour. Hard. Very small (0.5-1mm) microlithons present. Minor Qtz veining. PS ₂ ~ 55° Est. grade 4-5% Pb/Zn. Minor to mod. Fractured. Good Recovery	RQD - 20%
	11613.2	11618.2					1014	131G1916			Soft to mod. hard. Overall dark grey w a hue of green. Sx present pyrrhotite & pyrite. Trace sph. PS ₂ - 52-55° Microlithons (1-2mm). Upper cnt gradational. Lower cnt sharp/broken. Mod. Fractured. Good Recovery	RQD - 20%

Lithologic Log

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	1163.2	1171.8					105		14A7	±9	Hard, Overall grey-black w dull/beige brassy coloured patches. Cpy < 2%. Upper & lower cuts sharp/irregular. Minor fracturing. Est. grade < 1% Pb/Zn. Good Recovery. ROD - 65%
	1171.8	1179.0					106		13G9	±6, ±#	Soft, Dark green-black colour. Upper & lower cuts sharp/irregular. Brecciated & aowed (175.5-176) (177.5-178.0). Possible faulting? Sulphides present Pyrite & pyro. Good Recovery. ROD - 2%
	1179.0	1184.0					107		14A7	±9	Hard, Overall grey-black w dull beige brassy coloured patches. Cpy < 1%. Minor fracturing. Est grade < 2% Pb/Zn. Upper & lower cuts sharp/irregular. Good Recovery. ROD - 10%
	1184.0	1192.0					108		14L7	±2, ±9 minor.	Soft, Light-grey green. Upper cut sharp/irregular. Minor fracturing. Cpy < 1%. Good Recovery. ROD - 50%

Σ.O.H 192.0 ft

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V57

Reference Fabric Orientation Diagram:

Project: Vangorda Infill

Location: " Pit

SECTION
Claim: 8 + 0 E

UTM
Ferr. Plane
Co-ords.: 6 903 310,739 N

594 153,884 E

Grid
Co-ords: _____

Elevation: 1154.357

All symmetry determinations looking

Total Depth: 232.00'

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

Hole Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V57

DDH 90-V-57
2 8

Diamond Drill Core Log

Date: 14/05/99 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						•	•	A, T, C, O, L, L, A, R,						
R				23.2	-89.	•	291.0							
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

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	16	20						22	26	28
	178		182		61071814				1A18 ±1, ±4 (4A4) 95/5%			
	182		187		61071815				"			
	187		192		61071816				"			
	192		195		61071817				1A19 ±8, ±9 minor			
	195		198		61071818				"			
	198		103		61071819				1A118 ±4, ±9 minor (4C6) 98/2%			
	103		109		61071910				"			
	109		114		61071911				1A14 ±9 minor			
	114		119		61071912				"			
	119		124		61071913				"			
	124		129		61071914				1A10 ±7, ±9 minor			
	132		137		61071915				1A17 ±9, ±8			
	137		141		61071916				"			
	141		146		61071917				"			
	146		151		61071918				"			
	151		156		61071919				"			
	156		161		61081000				"			
	161		166		61081001				"			
	166		171		61081002				"			
	171		176		61081003				"			
	176		181		61081004				"			
	181		186		61081005				"			
	186		190		61081006				"			
	190		195		61081007				"			
	195		200		61081008				"			
	200		205		61081009				"			
	205		210		61081010				"			
	211		218		61081011				1A157			
	218		221		61081012				"			
	221		225		61081013				"			

ASSAY LOG (SAMPLER'S COPY)

SPLIT

Date Sampled by

CODE	FROM				TO				SAMPLE		INTR.		REC (m)		UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	42			
	1225		1228		6108114									AC57		
	1228		1232		6108115									"		
															Density Done	

Fault Log

Code	FROM	TO (At)	Feature	Dip	UPPER				INTERNAL				LOWER				Description	
					Dip	Direct.	Dip	Direct.	Dip	Direct.	Dip	Direct.	Dip	Direct.				
1	10	14 16	20 22 24 26 28	20	32 34	38 40	44											
	0.0	30.0	M	0														Casing
	6.7.0	7.8.0	B2	8														
	7.8.0	9.2.8	B1	9														
	9.2.8	9.8.7	B2	9														
	9.8.7	10.9.0	B1	9														
	10.9.0	12.4.4	B2	9														
	12.4.4	12.9.1	B1	9														
	12.9.1	13.2.1	B1	9														
	13.2.1	21.0.6	B1	9														
	21.0.6	21.4.6	B1	9														
	21.4.6	23.2.0	B1	9														
	30.	167.																

E.O.H. 232.054

O/B

Code	From		To		Recov.		No.		Unit		Description	Section 3+00E
	10	14	16	20	22	24	26	28	30	34		
	10.0	130.0					1010				Casing, No return.	
	130.0	167.0					1011				O.R.: Brown rubble & mud mixed w granitic boulders.	
	167.0	178.0					1012	131619			Soft to Mod soft. Dark green-black colour. Upper & lower cnts sharp/broken. Mod to heavily fractured. Recovery (67-72) 1.2 ft lost (72-73) 2.0 ft lost.	
												RQD - 0%
	178.0	192.8					1013	14128	±1, ±4	(4A4) ±9 minor	95/5%	
											4E3 - Hard, fine grained, Brassy colour. Minor fracturing. Overall est. Grade: 2-3% Pb/Zn. Upper cnt sharp/broken. Lower cnt gradational Excellent Recovery	
												RQD - 45%
	192.8	198.7					1014	141A1A	±8, ±9 minor			
											Hard, Grey-black w reddish brown patches. Minor fracturing. Grade 7-8% Pb/Zn. Upper & lower cnts gradational. Excellent Recovery	
												RQD - 50%

CURRAGH RESOURCES INC.
Lithologic Log

Code	From				To				Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28	30	34	35			
	11918.7		11109.0									105	A511B	±4, ±9 minor. (4L6) 98/2%
														Hard, brassy color patches in grey matrix.
														Upper & lower conts gradational. Cpy present < 2%
														V. minor fracturing. Excellent recovery.
														RDD- 75%
	11109.0		11214.4									1016	141A4	±9 minor. Hard. Dr. dull black/grey in reddish brown patches
														Upper & lower conts sharp & irregular. Trace < 1% of
														Cpy present. Very minor fracturing. Est. grade: 5-6% Pb/Zn
														Excellent Recovery
														RDD- 45%
	11214.4		11219.1									1017	19LD	±7, ±9 minor
														Hard. Grey-white matrix in brassy patches.
														Upper cont gradational. Lower cont sharp/irregular.
														Minor fracturing. Est grade < 2% Pb/Zn.
														Good Recovery
														RDD- 50%
	11219.1		11326.1									1018	15C#	Mod hard. Mod-grey-green colour. Upper &
														lower conts sharp/irregular. Minor fracturing.
														Good Recovery
														RDD- 50%

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	11312.1	12110.6		109	14C17	±8, ±9 minor. Hard, Grey-white matrix w brassy patches. Upper & lower cuts sharp/broken. V. minor to no fracturing. Grade < 1% Pb/Zn. Good Recovery (100%) ROD - 55%					
	12110.6	12114.6		110	15C#	Mod. hard. Med grey-green color. Zebra texture present. Upper & lower cuts sharp/irregular. Minor fracturing. Good Recovery (100%) ROD - 30%					
	12114.6	12312.0		111	14C1517	±9 minor, ±4. Hard, Pyritic quartz w carbonaceous bands (0.5mm-1.5cm) thickness. Upper cut sharp/broken. Minor folds (microfolds) Minor fracturing. Grade: 1-2% Pb/Zn. Good Recovery ROD - 40%					
						E.O.H. 232.0 ft.					

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V58

Reference Fabric Orientation Diagram:

Project: Vangorda Infill

Location: " Pit

Section:
Claim: 7+0 E

UTM
Tern. Plane
Co-ords.: 6903 341.394 N

594 141.993 E

Grid
Co-ords: _____

Elevation: 1149.402

All symmetry determinations looking

Total Depth: 242.0

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling
Contractor: _____

Hole
Cemented: Steel down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V58

Structural Log

Code	From				To				Feature	S ₀ Dip Direct.	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	
	116	193	119	127	P1S12							610	-165		
	119	127	1110	138	P1S12							315	-145		
	1110	138	1110	162	P1S12									PS2 varies from shallow to steep	
	1110	162	1111	170										PS2 irregular	
	1113	146	1114	130										PS2 irregular	
	1115	166	1119	160	P1S12							710	-1810		
	1119	160	1211	172	P1S12							610	-165		
	1211	172	1214	120	P1S12							515	-165		

ASSAY LOG (SAMPLER'S COPY) Date 25/05/90

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	1103		1106		61071416						4A4		
	1106		1111		61071417						4C3.7		±4 ±5
	1111		1117		61071418						"		"
	1117		1121		61071419						4A4		±9 minor
	1121		1125		61071510						"		"
	1125		1130		61071511						"		"
	1130		1134		61071512						"		"
	1143		1147		61071513						4A4		
	1147		1151		61071514						"		
	1151		1155		61071515						"		
	1196		1201		61071516						4C3.5		±4 ±9 minor ±7 local
	1201		1206		61071517						"		"
	1206		1211		61071518						"		" (3C) 90/10%
	1211		1217		61071519						"		" (3C) 98/2%
													Density Done

DDH 90-V-58
 2 8

Diamond Drill Core Log

Date: 14/05/90 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		242	85.5	260	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	
R			•	•	

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

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	10	30		011		Casing - No return
	310	1620		012		O.B. Till - Granite boulders + silt w mixed rock fragments - Poor recovery.
	1620	1693		013	3G10	±6 (Po) Oxidized
						Rubbly + oxidized brown + orange. 62-67 - 2ft lost; 67 - EOI - 1.5 ft lost Contact marked by qtz vein. RQD 0%
	1693	1927		014	3G10	±6 (Po)
						Soft, grey/green P _{S2} lam at 60-65° CAX - S ₂ plane med to dark green + shiny + soft. Lower contact sharp but slightly broken. Good recovery. Local lithons. RQD 20%
	1927	1038		015	3E6	→ [4A0 ±4]
						Soft, black banded white + brassy (P _{S2}). Local Sph stringers. TOI - 93.5 - 20% Sph ±6m. S ₂ plane grey + shiny + leaves grey smudge on fingers - lower contact gradational. Est Pb + Zn ≤ 2% strongly broken // P _{S2} RQD 20% P _{S2} 35-45 - local folds. Good recovery.

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	1103	2	1106	2			105	4A4				
												Hard black, brassy, white + maroon PS ₂ lam. (varies from shallow to steep). Good recovery. Est Pb+Zn 6-8% lower contact gradational. RQD - 90%
	1106	2	1117	0			106	4C1371				±4±5
												Hard brassy, magnetic, irregularly PS ₂ lam. Good recovery lower contact gradational. Est Pb+Zn - 2-3% RQD - 100% local carbonaceous stringers.
	1117	0	1134	5			107	4A4				±9 minor
												Hard black, brassy; white + maroon irregular but steeply + wavy banded. Good recovery. Est Pb+Zn - 6-8% Lower contact sharp - marked by gouge on next unit. RQD - 70%
	1134	5	1143	0			108	3C3				(4H0) 97/3%
												Soft med green, irregularly PS ₂ lam. 139.8 - 140.1 - Reddish brassy Po - Mg have sp/bn. Good recovery. lower contact sharp at 80° AX = TOI - 135.0 Gouged. Local lithons RQD - 30%

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	1430	1556							109	414		
												Hard, ribbon banded, folded, + brecciated locally. Black, brassy + white. Curto dm pyritic bands w sph/bn. Good recovery. Lower contact sharp at 45° CAX. Est Pb+Zn 4-5% RQD - 80%
	1556	1916							110	369		±6 (Po, minor sph)
												Soft, black w green tinge, + white banded at 70-80° CAX. Crenulated + local lithons. S ₂ plane med to dark grey w green tinge + shiny + soft. Lower contact sharp - mottled by 2" qtz veins. Est Pb+Zn < 10% RQD - 10% Local green chloritic bands.
	1916	2117	2						111	463	5	±4 ±9 minor - 7 local (3C#) 95/5%
												Hard, brassy, white + black banded at 60-65° CAX. Good recovery. Est Pb+Zn ≤ 2% Lower contact sharp at 85° CAX Po blebs near lower contact. Note contact at 211-212. RQD - 95%
	2117	2142							112	417	2	±4 ±1 (3G9) 99/1%
												Soft to hard (when silicified) P _{S2} lam at 55-65° CAX. Good recovery Med greenish beige. S ₂ plane med grey green. No stringers Local med grey bands. Est Pb+Zn < 2%
												Goosehart 222-222.5 RQD - 70%

242 EOH

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 90V-59

Reference Fabric Orientation Diagram:

Project: Vangorda Infil

Location: Vangorda pit

Sections:
Claim: 7+0 E

UTM
Terr. Plane
Co-ords.: 6903349.365 N

594154.096 E

Grid
Co-ords: _____

Elevation: 1149.247

All symmetry determinations looking

Total Depth: 236

_____ with _____ dipping

Inclination: -90°

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling
Contractor: _____

Hole
Cemented: Steel
down Hole: _____

Size	CORE From	To	Collar Cased and Capped: _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Assay Lab: _____

Certificate No's: _____

Started: _____ Completed: _____

90V-59

DDH 90-V-59
 2 8

CURRAGH RESOURCES INC.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description		
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.			
1	11	12	14	2	12	10	13	9	P/S	2							6	15	

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	10	13.0		1							Casing no return
	13.0	17.49		2							Overburden. Consists of boulders of granite and green-grey phyllite as well as unconsolidated cobble fill.
	17.49	17.77		3	3.40						Soft, light olive green at base grading upwards to a dark greenish grey. Recovery is good.
											R&D = 0%
	17.77	110.28		4	4.47						+ 8 minor
											Soft, light to medium grey with a dark grey graphitic S ₂ surface. Lower contact is gradational over a distance of ≈ 20 cm. Well developed S ₂ with S ₁ at a high angle to it. Grade = 6-8% Pt-2n. Recovery is good.
											R&D = 40%
	110.28	111.1		5	3.69						+ 6 + Sph + Pyrr.
											Soft, dark olive green with a tinge of grey at base grading upwards in dominantly light grey with a touch of green. Well developed S ₂ with a greenish grey surface. S ₁ is at a high angle to S ₂ . Lower contact is gradational. Grade $\leq 1\%$. Recovery is good.
											R&D = 80%

Lithologic Log

Date: 30/05/90 Logged By: DB

Code	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30 34 35	
	1111	1113		16	141A147	with minor chlorite. Soft, dark greenish-grey with dark grey graphitic S ₂ surface. Gradational lower contact. Grade = 8-10% Pb-Zn. Recovery is good. RQD = 70%
	1113	1121	2	7	131E1816	+ sph. (minor) Soft, light greenish grey with a medium greenish-grey graphitic S ₂ surface. Local pods of quartz + carbonate. Lower contact is gradational, becoming less chloritic towards bottom. Recovery is good. Grade < 1%. RQD = 60%
	1121	1124	2	8	141A147	hard, light to medium grey with a dark grey graphitic S ₂ surface. Grade ≈ 4-5%. Recovery is good. Lower contact gradational. RQD = 0%
	1124	1203	9	9	21G916	+ 2 minor Soft, grey-green phyllite with a dark greenish-grey graphitic S ₂ surface. 1-5cm pods of quartz and minor calcite occur locally. Recovery is good. Lower contact is gradational. - fault from 195.5 to 196.5 - fault dip 205/58 - S ₂ dip 65° RQD = 20%

CURRAGH RESOURCES INC.
 Lithologic Log

Code	From	To	Recov.	No.	Unit	Description	
1	10	14	16	20	22 24	26 28	30 34 35
	12039	12114			110	13614	+ 1? + sph. → [4447]
							Medium hard, greyish-green phyllite with a light green S ₂ surface lower contact is sharp. Grade is < 1%. Recovery is good. RQD = 70%
	12114	12316			141472		+ 4 minor. Soft, light olive green phyllite with light green S ₂ surface Recovery is good. Grade < 1% RQD = 40%
							236.0 ft. EOH