

CURRAGH RESOURCES INC.

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DIAMOND DRILL CORE LOG

Date: FEB. 16, 1991

Hole Number: 91-G-02

Reference Fabric Orientation Diagram:

Project: GRUM

Location: ANVIL DISTRICT FARO

Claim:

Terr. Plane Co-ords.: UTM 6905230.02 N

UTM 592311.31 E E

Grid Co-ords: 2916.4 E, 6546.5 N

Elevation:

Total Depth: 75.3 m

Inclination: VERTICAL

Purpose:

Reason hole Terminated:

Logged by: J. ZBEETNOFF

Date(s) Logged:

Drilling Contractor: E. CARON DD

Hole Cemented: Steel down Hole:

Size CORE From To Collar Cased and Capped:

Assay Lab:

Certificate No's:

Started: Completed:



DRAFT

All symmetry determinations looking

with dipping

with dip azimuth

Code	From	To	Recov.	No.	Unit	Description
	10	14 16	20	22 24 26 28	30 34 35	
	0.0	2.7			82	CASING (casing pulled)
	2.7	5.0			2012	(44L) 70-30 Medium green non-calcareous unit is generally S_2 foliated with local occurrences of poorly preserved igneous texture and a D_2 fabric. Intrusive blades vary from 5-25cm in width with sharp contacts parallel S_2 common, and poorly defined contacts less common. Rock is soft, strongly broken and thin coatings of gouge are common on all fractures. Recovery is good. Lower contact is sharp and parallel S_2 . A 1cm v. poorly healed fault band at 4.8m trends 264/10 relative S_2 .
	5.0	9.1			20	$\pm c \pm l \pm L$ Medium to light gray non-calcareous to very rare weakly calcareous phyllite is strongly D_2 foliated. Rare chloritic alteration is limited wisps 1-2m wide parallel S_2 . Limonite development is weak and rare, limited to fractures oriented subparallel core axis. Rock is soft, strongly to moderately broken with good to fair recovery. Upper contact is sharp and parallel S_2 . Lower contact is broken and marked by gouge at lower fault zone. A 0.5-1.5cm wide poorly to moderately healed shear band at 8.9m trends at 243/15.

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	9.1	13.4			20X	FAULT (47Lj) 90:10					
						Light to light-medium gray non-calcareous phyllite protolith is now gouge above 11.3 and rubble below. Gouge is slightly to moderately reactive to 10% HCl. Interval hosts 20cm of 506 rubble (47Lj) at 12.6m. Rock is soft very strongly broken and recovery is poor. Upper contact is broken, lower contact is marked by reduced breakage over 40cm.					
						A 1.5cm band of shear fabric at 10.0m, trends @ 19° wrt C.A. - no relationship to S ₀ available					
	13.4	14.6			20	± w					
						Medium to light gray, non-calcareous phyllite is generally P ₂ foliated, locally S ₂ . Unit hosts trace-1% dolomite. Rock is moderately soft, moderately broken and has good recovery.					
	14.6	18.9			20#	→ 52 ± L (52: 44#C) 55:30:15					
						Light silvery gray to yellowish buff, non-calcareous unit is slightly to strongly altered to sericite. Alteration generally becomes progressively stronger down hole. Unit hosts 0-3% cm-dm scale quartz-dolomite veins oriented parallel S ₂ . Interval displays a P ₂ .					

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30
											<p>Surface to ~15.6m and P₅ below. Rock is soft to very soft, strongly to moderately broken with good recovery. Hematite is very rare & occurs on fractures.</p> <p>Below 18.1 interval host a strongly altered very soft, moderately calcareous metabasite. Unit is approaching the softness of gouge, is highly permeable can be washed away with hard scrubbing.</p> <p>All contacts are sharp and parallel S₂.</p>
	18.9		20.7						44# ^m	<p>FAULT</p> <p>Problith of metabasite is strongly altered to a light tan-buff, weakly to moderately calcareous unit which now consists of gouge and rubble. Interval hosts sporadic occurrences of pyrite throughout. Interval represents a strong fault zone with poor to fair recovery. Both contacts are broken, upper appears parallel S₂.</p>	
	20.7		22.3						52# ^c	<p>± Z ± L w. FAULT</p> <p>Yellowish tan, weakly calcareous rock type is strongly altered to sericite, crushed and contains a high gouge proportion. Minor quartz fragments are sporadic. Remobilized sphalerite is very sporadic.</p>	

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
											and occurs in elongate irregular clasts separated shear fabric. Limonite is very rare and also trends parallel shear fabric. Rock is soft, very strongly broken and crushed, gouge is common, recovery is poor to fair. Upper and lower contacts are crushed and are define as limits of weak and sporadic remobilized mineralization. Shear fabric trends wrt C.A. No relationship relative S_2 is available.
	22.3		26.0						44L# ²		$\pm j \pm L \pm c$ FAULT! (20# \rightarrow 52) 75:25 Protolith of metabasite consists of gouge and crushed zones, fuchsite development is common. Gouge is weakly calcareous. Limonite is very rare and only weakly developed. Interval contains a 50cm band of light grayish brown non-calcareous phyllite weakly altered to sericite at 24.5-25.0 (recovery is 25%). Interval is soft to very soft, with poor recovery. Upper contact is crushed, lower contact is sharp, parallel S_2 and noted as an increase in core length and recovery.
	26.0		29.6						44L#		$\pm j \pm s \pm c$ Protolith of metabasite is strongly altered to a weakly calcareous, soft to very soft, light gray and medium green unit which hosts 30% strongly chloritized mafic mineralized highly stretched into a strong PS_2 fabric. Wisp's of sericitic alteration

Code	From			To			Recov.			No.			Unit	Description
	10	14	16	20	22	24	26	28	30	34	35			
														occur sporadically along S_2 planes. Rock is very soft and contains strong foliation development below 28.3m. S_2 rotates into low angle (25-30 tca) below 29.0m and is suspected to be a shear fabric. Recovery is good, locally fair. Upper contact is sharp & parallel S_2 , lower contact is crushed.
	29.6		35.5									30 [~]	(44# ~ j)	Very dark gray interval consists of 95% gouge with rare 2-10cm blocks of carbonaceous rock that are very soft and display caotic structural disturbance - no measurements possible. Interval consists of very strongly altered and crushed metabasite above 30.2. Blocks of graphitic rock contain 5-7% scattered pyrite and 10-15% quartz vein fragments rarely occurring in weakly developed veins. Rock is very soft, recovery is poor. Upper and lower contacts appear sharp but are crushed and no measurements are available.
	35.5		37.6									44#	± j ± L ± ~ (60X ± c)	Metabasite is non-calcareous altered to a light gray strongly broken, with weak limonitic alteration along

Code	From	To	Recov.	No.	Unit	Description	
1	10	14	16	20	22 24 26 28 30	34 35	fractures common. Unit hosts 15-20% quartz ± calcite veins that are very strongly broken to rubble. Gouge is sporadic and consists of 15% of material in bands from 2-30cm. Recovery is fair. Upper and lower contacts are sharp and crushed with moderate gouge.
	36.7	39.9			4A# #j ±s ±g ± → 52		Very strongly metabasite is non-calcareous light gray and emerald green, very strongly S_2 foliated and hosts 3-20% clots and wisps of fuchsite highly stretched into S_2 . Igneous texture has been wiped out by alteration and S_2 fabric. Rock is soft to very soft, moderately to strongly broken, gouge is rare and is limited to traces on S_2 surfaces and bands < 2.0cm wide. Below 39.0 interval contains wisps of graphitic matter along S_2 planes. A weak gouge-bearing fault zone at 38.5-38.9 is oriented at 289/24 wrt S_2 . Upper contact is sharp and crushed. Lower contact is very sharp and parallel S_2 .

Lithologic Log

Date: Feb 91 Logged By: B. Beaton

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28	30	
	39.9		40.4						30X [~]	±g ±ZN (44# ± ~ is ±c : 52 [~]) 54:45:01
										Dark gray to black phyllite is very strongly broken, crushed and contains 20% gouge bands from 20-30cm wide. Phyllite is generally soft, noncalcareous and contains a very strong shear fabric subparallel core axis. Interval contains 45% very strongly altered fuchsite weakly calcareous metabasite blocks from 10-40cm wide. Contacts between metabasite and graphitic phyllite is very sharp and marked by shear planes. Wisp of strongly sericitically altered ore rare and occurs as thin stringers parallel shear fabric. Locally graphitic phyllite is siliceous and hosts a trace of sph. mineralized portion consists < 2% of interval, and displays very strong shear disruption. Upper contact is sharp and parallel S ₁ . Lower contact is crushed and contains moderate gouge.
	42.4		44.0						2XW	L
										Park gray to black, strongly graphitic, strongly silicified quartzite is weakly to moderately mineralized and very strongly broken, locally crushed. Dominant fractures are parallel S ₁ , secondary fractures are at very low angles to core axis. Recovery is good. Upper contact is sharp and adjacent a crushed and gouge zone. Lower contact is sharp and parallel S ₁ . 2.0cm gouge band marks lower contact.

Core	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	44.0		48.3						20X ^m		±l
											<p>Medium gray non-calcareous phyllite is generally crushed with 95% gouge below 47.0 and strong to moderate breakage above 45.8. Above 45.8 interval contains 10-12% 2cm quartz veins and irregular networks of clotted quartz with very irregular fracture fillings of disseminated by moderate grayish green chloritic alteration occurs at 44.45 - 44.65. Below 45.8 unit consists of a strong fault zone with a high gouge content. Fractures are strongly S_2 dominated. Recovery is fair to poor. Upper and lower contacts are sharp parallel S_2 and marked by narrow to very narrow gouge bands.</p>
	48.3		54.5						20		±w
											<p>Medium gray, non-calcareous phyllite is $CS_2 \Rightarrow PS_2$ foliated strongly broken parallel S_2 and slightly to moderately permeable. Gouge bands are very rare and are limited to bands parallel S_2 and less than 2cm wide. Fractures beyond S_2 are very rare. Rock is soft to very soft, recovery is good. Upper contact is sharp and parallel S_2. Lower contact is sharp, parallel S_2 and marked by first dm scale crushed and gouge zone diagnostic of lower unit. Unit is sporadically weakly to moderately dolomitic.</p>

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	54.5		57.3						20X		±~
											<p>Medium gray, non-calcareous non-dolomitic unit is very strongly broken, and hosts 30-40% gouge occurring in dm-cm scale bands. Rock is moderately permeable throughout, and hosts 0-trace dolomite clots and stringers. Gouge bands are of variable orientation but generally occur at low angles to c.a. Recovery is good. Upper and lower contacts are sharp and parallel S_2.</p>
	57.3		60.4						30gZXW	±~ → 2XL (50)	95:05
											<p>Dark gray to black and very light gray phyllite is moderately locally strongly silicified, very strongly broken to crushed and hosts minor gouge bands > 10cm. Interval is slightly to moderately graphitic with a very high mica content and small S_2 fractures. Interval is approaching graphitic quartzite but lacks the required high graphite and siliceous content. Ribbon banding is not well developed and mineralization is weak, pyrite dominant with wisps of sphalerite limited to 1mm bands parallel S_2. locally CS_2 is well developed and is not mineralized along S_2. Rock is hard, recovery is fair to very poor - 15% recovery at 59.4 - 60.4.</p> <p>Interval hosts rubble of sericitically altered phyllite at 59.4 - 60.4.</p>

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
	67.6	68.4			20 ^N X	± → 2N					
	Medium gray non-calcareous phyllite consists of crushed rock and gouge. Below 67.8 unit contains very minor silicified bands 2-3mm wide which approach graphitic quartzite but lack any significant sph mineralization. Rock is soft to very soft, rarely hard. Recovery is good. Upper contact consists of gouge and crushed rock, lower contact is sharp and parallel S ₂										
	68.4	74.6			30gPZH	→ 2X-H (30 ^N)	90:10				
	Dark, to medium dark gray, moderately silicified, moderately mineralized has a high phyllitic component too high to be a good graphitic quartzite. Interval is moderately hard, locally very hard, locally slightly soft. Gouge occurs @ 69.2-69.5 and 70.5-70.8. Rock is strongly to very strongly broken, rarely moderately broken. Recovery is good. Upper and lower contacts are sharp and parallel S ₂ .										
	Locals at moderately broken core display very string brecciation, holed with graphitic phyllite matrix. Estimated grade is 5-7%.										

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	74.6		75.6						20		± ~
											Medium gray phyllite is soft, strongly broken and hosts 10-15% gouge occurring in cm - dm scale bands of variable orientation. Rock is moderately to slightly soft strongly to moderately broken with good recovery. Unit is non-calcareous. Upper contact is sharp and parallel.
			75.6								EM

