

014924

73 MM 01

73MM-02

Box 1            0-43  
                    Only 66% core

Box 2            43-66  
                    95% core

Box 3            66-89.5  
                    95% core

Box 4            89.5-113  
                    98% core

Box 5            113-136.5  
                    98% core

Box 6            136.5-159.5  
                    98% core

Box 7            159.5-183  
                    95% core

Box 8            183-206.5  
                    100% core

Box 9            206.5-229.5  
                    95% core

73MM-02 (continued)

Box 10            229.5 - 251?  
                    90% core

Box 11            251? - 274?  
                    90% core    footage uncertain

Box 12            274? - 298  
                    1 piece of core

Box 13            298 - 320.5  
                    90% core

Box 14            320.5 - 344  
                    no core in box

Box 15            344 - 368  
                    90% core

Box 16            368 - 389.5?  
                    80% core

Box 17            389.5? - 402  
                    core all jumbled because  
                    partitions in box broken



DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: 73 MM-01

Reference Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

Terr. Plane Co-ords.: 22,366,439.2 N

409,744.9 E

Grid Co-ords: \_\_\_\_\_

Elevation: 5688.1 feet

All symmetry determinations looking

Total Depth: 403 feet

\_\_\_\_\_ 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 7.3.M.M.-0.1  
 2 8  
 FEET

CURRAGH RESOURCES INC.  
 Lithologic Log

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Date: SEPT 15/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
L	10 0	12 0		1	#1	Reconed - No recovery / check original log for intervals - original log says no truncation > box says core starts @ 20 feet
L	12 0	14 1 0		2		Weathered Moderately hard, thinly laminated muscovite (sericite)-quartz phyllite. Contains dominant pervasive planar schistosity. Thinly laminated in shades of grey and silvery cream parallel foliation. Weathered along foliation surfaces w/ thin orange brown iron oxide staining. Presumed related to former disseminated pyrite. Only about 40% of core remains in box. Extremely broken into thin paper chips. Foliation surfaces are silvery cream.
	14 1 0	16 3 0		3		Moderately hard, pervasively foliated, slightly pyritic, light grey, muscovite (sericite)-quartz phyllite. Foliation surface is light silvery grey. Pyrite occurs as small disseminated grains in thin bands parallel foliation. Bands rich in pyrite are up to 1cm thick. In bands pyrite ~30%. Contains minor quartz veins - quartz veins are stained yellow with iron oxides. locally contains intervals with small irregular calcite spots / aggregates rimmed by dark mineral. Calcite spot elongate parallel foliation. Spots 1-2mm thick at most. Quartz veins are 0.3 feet thick. Lower contact gradual. Upper contact may be a weathering break although this unit seems slightly more siliceous than last unit.

DDH J.3.M.M.-0.1  
 2 8  
 FEET

CURRAGH RESOURCES INC.  
 Lithologic Log

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Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30
	1613	0	11312	5				14			
											Core and core boxes missing Check original logs
	11312	5	11318	0				5			
											Medium grey, slightly to moderately calcareous, hard quartzite. Contains thin laminae with abundant disseminated pyrite & pyrrhotite. Banding defines foliation. Core, however, consistently breaks across this foliation about 80° to core axis. Calcite as small spots and thin, minor thin bands parallel foliation. Broken core surfaces have cherty, fine-grained quartz appearance. Parent rock was presumably a fine-grained felsic tuff.
	11318	0	11415	2				6			
											Similar to last unit only contains 1 cm wide quartz-calcite veins running along the core axis. Also has thin fractures along core axis infilled with pyrite = pyrrhotite.
											locally similar to next unit with small irregular spots of calcite rimmed by pyrite. Spots up to 2 mm across. Spots define foliation, with elongate orientations. Calcite inside spots slightly greenish from included calc-silicates. Major feature, however, is veins of qtz-calcite and pyrite-pyrrhotite. Locally stained orange-brown from weathering. Parent rock assumed felsic tuff to lapilli tuff.
	11415	2									

Code	From	To	Recov.	No.	Unit	Description
I	10	14 16	20	22 24	26 28	30 34 35
	11452	11880			7	
						<p>Medium grey, hard, slightly to moderately calcareous, finely x-line quartzite. Calcite occurs in very irregular aggregates / spots elongate in foliations (20-200). Rims of aggregates contain thin selvage of pyrite + pyrrhotite. Calcite hypocrystalline contains abundant olive-green calc-silicates (actinolite?). Sulphide content generally about 5%. Core does not break on foliations - instead breaks across it. Broken surface has flinty grey aspect. When slightly more micaceous broken surface is micaceous crystalline cleavage with muscovite as mica. Parent rock was felsic volcanic - Textures indicate lapilli tuff or amygdaloidal flow.</p>
L	11880	11985			8	
						<p>Split core. Similar to last unit. Medium grey, calcareous, hard, finely x-line quartzite. Texturally contains some calcite spots. Many of the irregular spots are brown-walthingankerite / siderite with thicker pyrite marginal - cleavage. Thin pyrite-filled fractures crosscut both S1 and S2 cleavages. Pyrite + ankerite about 15% of interval/unit. Broken surface has flinty grey appearance.</p>
	11985	12119	6		19	
						<p>Same as Unit # 7 (145.2 - 188.0). Medium to light grey, moderately calcareous, finely x-line quartzite. Contains small, irregular calcite aggregates with thin pyrite selvage. In bottom 10 feet these aggregates occur only locally. Broken surface has grey flinty appearance. Bottom contact gradual over short distance with significant increase in amount of muscovite.</p>

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	12119	6	12128	0					110		
											Non-calcareous, medium to light grey, slightly pyritic muscovite-quartz phyllite or muscovitic quartzite. Moderately hard to hard. Disseminated pyrite as fine grains forming laminae and thin bands up to 3 inches thick. Pyrite constitutes about 20-30% of these bands. Bands and laminae are planar and define S1 foliation. S1 also defined by planar breaking of mica along S1 micaceous filia locally see incipient crenulations cleavage developed cutting this S1 foliation. S1 surfaces are shiny silvery cream. Unit here very similar to Unit # 3 ( - 63.0) at top of DDH Interval 223.0 - 224.2 is medium dark grey in 1-2 inch bands interlayered with the medium to pale grey. This unit has an overall fine-grained "clastic texture". Both lower & upper contacts gradational.
L	12128	0	12134	0					111		
											Moderately soft, calcareous, biotite-muscovite-calcite-calc-silicate schist. Calcite occurs as thin bands often containing brown biotite. Bleach green calc-silicate occurs in matrix. Well developed crenulations cleavage structure with CS2 crenulating and disrupting the earlier planar S1 fabric. Compositional banding parallel S1. Margins of unit muscovite-rich with gradual increase of biotite towards center. Upper "alteration zone" 2' thick and lower "alteration zone" 1.5' thick. Looks like bleaching and "sarcitization" associated with the adjacent units (?). This unit reminds me strongly of initial calc-silicate development in Vandyke formation on Vandyke Plateau 79VX drill holes.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
	121314 0	121319 9		112		Exactly same as Unit # 10 (219.6-228.0) Probably having structural repetition of unit associated with folding associated with the S2 correlated cleavage.
L	121319 9	121510 8		113		Moderately soft, creamy white, muscovite-quartz-calcite-pyrite phyllite. Well developed C52 fabric. Calcite occurs as thin compositional bands forming S1 microolithons in S2 planar foliations. Very minor fine disseminated pyrite. S2 surfaces are silvery, shiny cream. Upper and lower contacts gradual. This looks like altered sericitic version of the next unit down the DDH.
L	121510 8	131916 7		114		Biotite-calc-silicate-calcite phyllite. Tubebanded soft, medium grey, noncalcareous phyllite and dark brown and green biotite-calcite-calc-silicate phyllite. Banding is on scale 1-3 cm. Calc-silicate medium green to dirty apple green. Locally xenomorphic pale pink garnet developed. Again this reminds me strongly of initial calc-silicate development in Vanguard for on Vanguard Plateau (79 VX drill holes). Well developed C52 fabric with compositional banding generally defining S1. Unit contains minor, fine disseminated pyrite.
L	131916 7	141013 0		115		Hard, light grey, fishy yellow, slightly calcareous, muscovite-calcite-pyrite phyllite. Calcite as small blebs. Pyrite as thin laminae defining the

DDH 7.3 M.M. - 0.1  
2 8

CURRAGH RESOURCES INC.  
Lithologic Log

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Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

Code	From				To				Recov.				No.				Unit	Description
	10	14	16	20	22	24	26	28	30	34	35							
																		SI foliations lithologically similar to units immediately above the calc-silicate-biotite schist looking at major structural repetitions across fold or thrust
																		N.B. Potential problem Box 17 390-403 has label 74 MM 2 on upper left corner of box. No metal tags to identify this box. Could this be in wrong place?
																		ESH

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE	INTR.	REC (m)		UNIT	DESCRIPTION		
	10	14	16	20			22	26			28	30
P	12	10	13	18	41501	18	0	10	0		Box 1 - weathered muscovite-quartz phyllite. Core jumbled and weathered	
P	13	18	14	11	41502	31	0	10		Muscovite-quartz phyllite weathered - in box 2		
P	14	11	15	12	41503	11	3	16	5		Slightly pyritic quartz-muscovite phyllite	
P	15	12	16	13	41504	10	7	16	1		Slightly pyritic qtz-muscovite phyllite	
											63-132.5 has all boxes and core missing	
P	11	13	12	5	41505	15	5	15	0		Pyritic chert w/ spotted texture	
P	11	13	18	0	41506	17	2	17	5		Pyritic spotted chert w/ qtz-calcite veins	
7 P	11	14	15	2	41507	17	8	18	5		Pyritic spotted chert	
8 P	11	15	13	0	41508	16	2	16	0		Pyritic spotted chert	
9 P	11	15	19	2	41509	19	6	19	0		" " "	
10 P	11	16	18	0	41510	11	0	16	6		" " "	
11 P	11	17	18	0	41511	11	0	18	0			
12 P	11	18	18	0	41512	11	0	13	7		previously split	
13 P	11	19	18	5	41513	11	0	11	0			
14 P	12	10	19	5	41514	11	0	10	5			
15 P	12	11	19	6	41515	18	4	17	3			
16 P	12	13	14	0	41516	15	9	18	6			
P	12	13	19	9	41517	11	0	9	0			
	13	9	10	7	41518	15	9	15	5			
P	13	19	16	7	41519	16	3	15	1			

Code	From				To				Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				1310	0	P	S	12					415				micaceous foliation
S				1570	0	C	S	12				216	01010	318			micaceous foliation
S				114180	0	C	S	12				214	01010	717			S1 pyrite laminae / S2 core break
S				117130	0	C	S	12				110	01010	617			" "
S				118100	0	C	S	12				310	01010	515			micaceous foliation
S				121170	0	C	S	12				217	01010	515			S1 laminae / S2 core break.
S				121220	0	C	S	12				211	01010	415			S1 pyrite laminae / S2 micaceous foliation
S				1213160	0	C	S	12	S			211	01010	318			S1 pyrite laminae / S2 micaceous foliation. Several S-symmetry micron folds in core box.
				1214150	0	C	S	12	S			216	01010	519			micaceous foliation
				1216140	0	C	S	12				114	01010	519			micaceous foliation
				1218180	0	C	S	12				213	01010	512			" "
				1310160	0	C	S	12				410	01010	612			" "
				1313120	0	C	S	12				313	01010	516			" "
				1315130	0	C	S	12				117	01010	412			" "
				1318130	0	C	S	12				214	01210	613			" "
				1410100	0	C	S	12				213	01910	611			
																	EOH

73MM-01

Box 1 20-38

one footage by 29'  
about 40% jumbled core

Box 2 38-63

no readable footage tags  
about 60% core present

Boxes 3-5 are missing

Box 6 132.5-155.5

90% core

Box 7 155.5-179.5

95% core

Box 8 179.5-203

95% core

split core for ~10' interval

Box 9 203-225.6

95% core

Box 10 225.6-249.6

100% core

73 MM-01 (continued)

Box 11 249.6 - 273.0  
100% core

Box 12 273.0 - 297.0  
100% core

Box 13 297.0 - 320.0  
95% core

Box 14 320.0 - 343.0  
100% core

Box 15 343.0 - 367.0  
100% core

Box 16 367.0 - 390.0  
95% core

Box 17 390.0 - 403.0  
100% core

73 MM 02

DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: 73MM-02

Reference Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

Terr. Plane Co-ords.: 22,364,471.1 N

409,294.6 E

Grid Co-ords: \_\_\_\_\_

Elevation: 5071.3

All symmetry determinations looking

Total Depth: 402 feet

\_\_\_\_\_ 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: \_\_\_\_\_





CURRAGH RESOURCES INC.

DDH 73.M.M.-0.2  
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	73.M.M.-0.2					

Code	Drillhole	Depth				Zenith Angle	True Azimuth	Comments		
		8	10	14	22	26	28		32	34
R	73.M.M.-0.2	10	0	-19	01	0	0	01	0	A.T. COLLAR
T										
T										
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Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	2 8 10	

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16	20 22 24	26 28 30	34 35		
L	100	1410		11		<p>Moderately hard to moderately soft, noncalcareous, pale to medium grey, quartz-muscovite phyllite. CS2 foliated. Contains irregular stringers which are lighter colored on margins. Stringers up to 1cm wide and 3-5 cm long. Contain areas of dark brown biotite and minor pale pink garnet with larger rim of cream quartz. Rock has salt &amp; pepper aspect with tiny "freckles" of pyrite and biotite(?). Core moderately to strongly weathered with pale yellow surface coating. Broken surfaces typically have darker brown-orange surface coating. Sulphides 2-5%.</p>
L	1410	1710		12		<p>Moderately soft to moderately hard, noncalcareous, CS2-foliated, quartz-muscovite-biotite-garnet phyllite. Similar to last unit in mineral proportions. Medium to pale grey, less weathered sections have slight brownish tinge from minor fine biotite. Still has the biotite-garnet and irregular white quartz stringers. Minor pale pink garnet also occurs locally. Broken surfaces commonly are Qtz-rich grey w/ patchy silvery muscovite. Many broken surfaces have strong orange-brown iron oxide stain. Cut surface has irregular pale yellow iron oxide staining. Differentiated from last unit largely because has definite thinly banded texture. Banding defined by variations in fine pyrite and biotite content. Banding on scale 0.2-0.5 cm. Locally banding not present. Ranges between quartzite and phyllite. Pyrite content 2-5%.</p>

Code	From				To				Recov.		No.				Unit	Description
	10	14	16	20	22	24	26	28	30	34	35					
L	1710	0	1718	0									13		<p>Moderately hard, noncalcareous, pale grey, C52-foliated, quartz-muscovite-pyrite phyllite. Quartz content enough to make it transitional to quartzite. C52-foliated cut surface has yellowish iron staining / brown surface irregular with orange-brown iron oxide staining. Not thinly banded Pyrite 5% as disseminated subhedral to anhedral grains up to 2mm across. Not thinly banded lower contact gradational into only slightly weathered to unweathered phyllite</p>	
L	1718	0	11312	7									14		<p>Pale grey, partly C52-foliated, moderately hard, muscovite-pyrite-pyrotite quartzite. Transitional to phyllite. Broken SA surfaces irregular quartz grey with patchy silver muscovite. Lower part of interval noncalcareous / upper part very slightly calcareous w/ small calcite spots disseminated throughout. Sphalerite (po+py) disseminated as subhedral to anhedral intergrowths up to 2mm across. In thin metamorphic white gtz veins sphalerite up to 2cm across. Sphalerite 1-5%</p>	
L	11312	7	11317	0									15		<p>Pale grey, moderately hard, noncalcareous, muscovite-pyrite quartzite. Partly C52 foliated. Broken surfaces irregular gtz grey w/ patchy silvery muscovite. Disseminated subhedral pyrite constitutes 5% of unit. Core previously split. Otherwise unit very similar to last unit #4 (78-132.7) except for lack of py in this interval</p>	

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	11317	0	11519	5					16		
											Same as Units # 4 (78-132.7) and # 5 (132.7-137.0) Moderately hard, noncalcareous, pale grey, muscovite - pyrite quartzite. Poorly CS2-foliated. SZ surfaces irregular and gr-grey w/ patchy silvery muscovite. Reloc. 153 feet have gradual increase in muscovite and decrease in sulphides. SZ surfaces planar silvery cream muscovite. Main sulphide pyrite - pyrrhotite not readily visible. Sulphides 1-5%.
L	11519	5	11612	0					17		
											Coarsely x-line, white, pegmatitic vein quartz containing large irregular pyrrhotite porphyroblasts. Minor pyrite infilling steep fractures. Tubebanded in lower amount is moderately soft, noncalcareous, PS2-foliated, pale greenish grey muscovite-chlorite-phyllite.
L	11612	0	11613	1					18		
											Split core. Pale greenish grey, noncalcareous, PS2-foliated, muscovite-chlorite-quartz-py-phyllite. Sulphides as elongate streaks and thin bands (2mm-5mm) thick associated with grey quartz. Sulphides about 15% of unit. Dominantly pyrrhotite.
L	11613	1	11710	1					19		
											Moderately soft, noncalcareous, pale green, chlorite-muscovite-quartz-pyrrhotite phyllite. Poorly CS2-foliated. Po as thin discontinuous streaks and bands in S1 foliation. Contains pegmatitic white bull gr of irregular po as 5cm lenses. About 15% pegmatitic quartz. Po about 5-10% of phyllite.

## Lithologic Log

Date: 09/21/88 Logged By: KCP

Code	From		To		Recov.				No.				Unit	Description	
	10	14	16	20	22	24	26	28	30	34	35				
L	11701	11715	8						110						Moderately soft, noncalcareous, dark green, chlorite-biotite-quartz-garnet-pyrrhotite phyllite P52-foliated Garnet as minor poorly formed, skeletal, pale pink porphyroblasts up to 1cm across. Py disseminated in matrix as small grains / films 5-10%. Contains 5-15 cm thick white pegmatitic bull quartz intervals. Bull quartz about 20% of interval. This would be a good candidate for a former metabasite (probably not enough chlorite).
L	11715	8	11810						111						Moderately soft, noncalcareous, pale greenish gray, P52 foliated chlorite-muscovite-quartz-pyrite-pyrrhotite phyllite. Sulphides constitute 15% of unit. Dominantly py as thin bands parallel S2 and associated with quartz. Py forms larger, splintery, subhedral grains within py-quartz bands. About 10-15% pegmatitic white bull quartz veins dominantly near top of interval. Upper contact marked by quartz veins. Lower contact also quartz veined - but mainly a decrease in sulphide content.
L	11810	11910	6						112						Moderately hard, poorly C52-foliated, pale to medium gray, quartz-muscovite-pyrite phyllite. Noncalcareous to locally very slightly calcareous as small spots react to acid. S2 surfaces irregular quartz gray w/ patchy silvery muscovite. Transitional to quartzite. Unit becomes gradually more glassy as py lower DDH. Disseminated fine sulphide grains from 1-3% of unit.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20	22 24 26 28 30 34 35				
L	11996	121020		113		Moderately hard, slightly calcareous, poorly CS2-foliated, quartz-muscovite-biotite-pyrrhotite-pyrite phyllite transitional to quartzite. SZ surfaces irregular. quartz grey with patchy silvery muscovite. P <sub>2</sub> disseminated as fine grains / biotite typically as thin selvages to parallel bands and lenses. P <sub>2</sub> content 5-10%. P <sub>1</sub> as sporadic larger grains but occurring in only minor amounts.
L	121020	121090		114		Split core Same as above Unit # 13 (199.6-202.0) Locally slightly calcareous w/ calcite disseminated in matrix as fine grains. Overall colour is medium to medium dark grey from py and biotite. Very poorly CS2 foliated.
L	121090	121147		115		Pale grey, moderately soft to moderately hard, poorly CS2-foliated, muscovite-quartz-pyrite-pyrrhotite phyllite. Transitional to quartzite. SZ surfaces silvery from muscovite. Disseminated py and po form 2-5% of unit. No biotite noted. Locally PS2-foliated. Locally slightly calcareous w/ small spots reacting to acid. Calcite also infilling hairline fractures.
L	121147	121188		116		Dominantly pegmatitic white bull etc veins containing sulphides infilling fractures. Now stained yellow brown. Contains lesser interbeds of muscovite-quartz phyllite as described above for Unit # 15 (209.0-214.7). Interval 217.8-218.8 is bxa with incipient gouge. Probably vs major displacement? Fractures 10° to core axis.

## Lithologic Log

Date: 09/21/99 Logged By: LEP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24 26 28 30 34 35				
L	12118 8	12126 2		117		Moderately hard, noncalcaneous, dark green, poorly S2-foliated, chlorite-biotite-quartz phyllite. Minor po and py as thin discontinuous streaks parallel S2 foliation. Breaks in irregular pieces along thin fractures. Lower contact gradual. Upper contact sharp but hidden in rubble Metabasite!
L	12126 2	12134 5		118		Moderately soft to moderately hard, noncalcaneous, poorly S2-foliated, medium-green to dark green chlorite-biotite-muscovite phyllite. Biotite disseminated as euhedral spots in chlorite-muscovite matrix. More micaceous than last unit. Still part of the metabasite package. Minor thin po streaks parallel S1 and S2.
L	12134 5	12140 2		119		Moderately hard, homogeneous, dark green, P52-foliated, chlorite-biotite-quartz-garnet phyllite. Garnet as skeletal, 1cm, pale pink grains. Po occurs dominantly in cutting fractures up to 1cm thick. Still metabasite.
	12140 2	12149 5		120		Similar to Unit # 18 (226.2-234.5). Poorly S2 foliated, noncalcaneous, dark green, chlorite-biotite-quartz-garnet ± muscovite schist/phyllite. Thinly banded in shades of green. Pale pink garnet up to 2mm across. Minor sulphides (po) in small streaks parallel S1 and S2. Still the metabasite unit. Lower contact looks sharp but have some ground core. Possibly some interbanding with next unit.

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	12149	5	12154	2				121			
											Moderately soft to moderately hard, poorly CS2-foliated, noncalcareous, muscovite-quartz-pyrite phyllite transitional to quartzite. Minor calcite infilling thin xcutting fractures. Pyrite disseminated as fine grains forming 1-2% of unit. Broken surfaces now weathered to pale yellow. Colour pale to medium grey.
L	12154	2	12156	5				1212			
											Grange and rubble consisting of next rock type. Small pieces look highly fractured with calcite infilling fractures. Upper and lower contacts lost on rubble / possibly parallel S2. (Dark grey silified noncalcareous phyllite)
L	12156	5	12170	0				1213			
											Hard, dark grey, noncalcareous, homogeneous to finely laminated, carbonaceous quartzite. Poorly CS2-foliated. S2 surfaces are shiny black but do not mark fingers. Minor py as small sheets parallel S1 and S2. Minor calcite infilling thin xcutting fractures. Lower contact sharp parallel S2.
L	12170	0	1310	5				1214			
											Hard to moderately hard, noncalcareous, pale grey, quartz-muscovite-chlorite-garnet ± biotite-sulphide phyllite. Garnet-chlorite ± biotite form thin discontinuous streaks (up to 1cm thick) parallel S1 foliation. Unit contains minor disseminated potpy. Lower contact gradational. Only 1-6" piece of core for interval 275.5-298 (single piece in its own box). S2 surface irregular gr grey w/ shiny patchy silver muscovite. Calcite infills small xcutting fractures.

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16	20 22 24 26 28 30 34 35				
L	131010 5	131127 7		1215		Noncalcareous, moderately hard to hard, noncalcareous, medium grey, quartz-muscovite - chlorite - biotite - garnet phyllite transitional to quartzite. Pearly CS2-foliated. Contains thin pegmatitic qtz veins with minor calcite - biotite - feldspar (?) - pyrite. There are generally lam or less thick. Pyrite content about 5%. Minor pale pink garnet up to 2mm across locally biotite partly to completely "retrograded" to pale green chlorite. Unit characterized by increased biotite - py - garnet content and by irregular qtz - biotite - py veinlets. Both contacts gradational.
L	131127 7	131210 5		1216		Moderately hard, pale green, pearly CS2-foliated, noncalcareous, muscovite - quartz - chlorite phyllite transitional to quartzite. Similar to last unit only biotite present only locally in minor amounts. Pyrrhotite about 1% of unit. S2 surfaces quartz grey w/ patchy silvery muscovite - chlorite. Possibly a slightly altered version of Unit # 25 (300.5 - 312.7) or a slightly different bulk composition ?!
L	131210 5	131414 0		1217		No core - box is empty. Original log has change from sericite schist to sericitic quartzite.
L	131414 0	131714 5		1218		Hard, pale grey, slightly calcareous, pearly CS2-foliated muscovite - quartz phyllite transitional to quartzite. Contains 1-5% disseminated pyrite as fine grains and streaks. Locally contains thin bands to streaks of biotite and minor tiny pale pink garnet. S2 surface qtz grey w/ patchy silvery muscovite.

Lithologic Log

Code	From		To		Recov.		No.		Unit		Description	
	10	14	16	20	22	24	26	28	30	34		35
L	1317	145	1318	130				1219				Hard, noncalcareous, pale grey, thinly banded muscovite ± biotite ± garnet quartzite. Banding on 0.5-1.0 cm scale between pale grey, finely x-line quartz and slightly more micaceous muscovite-quartz ± biotite ± garnet. 1-2% disseminated fine pyrite. Calcite infills thin v. cutting fractures. S2 surfaces quartz grey w/ patchy silvery muscovite. Upper and lower contacts gradational. Characterized by increased biotite and thin banding.
L	1318	130	1410	120				1310				Pale grey, locally slightly calcareous, hard, P2 to locally poorly C2-foliated, muscovite-quartz quartzite transitional to phyllite locally contains very minor biotite. P <sub>1</sub> about 1% as disseminated grains. S2 surfaces are probably silver from muscovite. Similar to Unit # 28 (344-374.5). For latter part of interval core is jumbled.
												E0H

ASSAY LOG (SAMPLER'S COPY) Date 09/21/88 Sampled by \_\_\_\_\_

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10	14	16	20					
P	100	130	7	41521	307	195			
	130	7	1410	0	41522	193	159		
	1410	0	1510	0	41523	1100	190		ADD 1.5
	1510	0	1519	8	41524	198	1107		
	1519	8	1710	0	41525	1102	1182		
	1710	0	1718	0	41526	180	88		
	1718	0	1876		41527	176	199		
	1876		1962		41528	186	193		
	1962		11015	2	41529	190	197		
	11015	2	11114	0	41530	188	179		
	11114	0	11236		41531	150	198		
	11236		11327		41532	191	198		
	11327		11370		41533	143	138		split before
	11370		11460		41534	190	1100		
	11460		11519	5	41535	1130	1100		
	11519	5	11612	0	41536	125	120		
	11612	0	11613	1	41537	111	114		split before
	11613	1	11701		41538	170	175		
	11701		11758		41539	157	161		
	11758		11810		41540	152	156		
	11810		11898		41541	188	190		
	11898		11919	6	41542	106	197		
	11919	6	12012	0	41543	134	125		
	12012	0	12019	0	41544	170	183		split before
	12019	0	12114	7	41545	157	154		
	12114	7	12118	8	41546	141	149		
	12118	8							
	12149	5	12154	2	41547	147	155		
	12154	2							
	12170	0	12175	5	41548	155	157		
	12175	5							
	12198	0	13010	5	41549	125	120		
	13010	5	13018	6	41550	181	186		
	13018	6	13112	7	41551	171	143		
	13112	7	13120	5	41552	178	181		

## ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE	INTR.				REC (m)	UNIT	DESCRIPTION		
	10	14	16	20		22	26	28	30				32	34
	1314	40	1315	40	41553	100	110	101						
	1315	40	1316	40	41554	100	118							
	1316	40	1317	45	41555	105	118							
	1317	45	1318	30	41556	185	183							
	1318	30	1319	15	41557	175	178							
	1319	15	1410	20	41558	105								entire Box 17 without dividers and about 50% $\pm$ of core before split
														EON

**CURRAGH RESOURCES INC.**  
**Structural Log**

Date: 09/21/88 Logged By: LCP

Code	From		To		Feature	SYM	S <sub>0</sub> Dip Direct.		S <sub>1</sub> Dip Direct.		S <sub>2</sub> Dip Direct.		Description
	10	14	16	20			22	24	26	28	32	34	
			13	15	0	C1S12			310	0120	710		micaeous folia
			15	13	0	C1S12			310	0160	612		" "
			17	16	0	C1S12			310	0120	617		" "
			11	10	40	C1S12			510	0060	710		" "
			11	12	40	C1S12			213	01010	717		" "
			11	14	30	C1S12			418	3140	718		" "
			11	16	80	C1S12			417	01010	715		" "
			11	19	50	C1S12			011	3140	710		Fold nose in S <sub>1</sub> / " "
			12	12	70	C1S12			412	11810	719		" "
			12	14	50	4S12			118	11810	617		" "
			12	16	90	C1S12			310	11810	711		carbonaceous folia
			13	10	150	C1S12			215	01610	715		micaeous foliation + cong. banding
			13	15	90	C1S12			616	11810	714		micaeous flms
			13	17	130	C1S12			415	31410	714		" "

10 WWH 4E

74 MM-01

Box 10 216 - 241

95% core

Box 11 241 - 263.5

100% core

Box 12 263.5 - 287

10% core scattered through box

Box 13 287 - 310

100% core

Box 14 310 - 333.3

100% core

Box 15 333.3 - 357

100% core

Box 16 357 - 380.5

90% core

Box 17 380.5 - 405

Box missing

Box 18 405 - 429

100% core

74 MM - 01 (continued)

Box 19            429 - 450.7  
                    95% core

Box 20            450.7 - 475.5  
                    98% core

Box 21            475.5 - 497.5  
                    100% core

Box 22            497.5 - 521  
                    100% core

Box 23            521 - 545  
                    98% core

Box 24            545 - 569  
                    98% core

DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: 74MM-01

Reference Fabric Orientation Diagram:

Project: # 460

Location: MM claims

Claim: MM 10

Terr. Plane Co-ords.: 22,366,875.7 N

407,962.2 E

Grid Co-ords: \_\_\_\_\_

Elevation: 5677.0

All symmetry determinations looking

Total Depth: 1597 feet

\_\_\_\_\_ with \_\_\_\_\_ dipping

Inclination: -90°

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: \_\_\_\_\_

Logged by: L. C. Pigage

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: ARCTIC DIAMOND DRILLING

Hole Cemented: \_\_\_\_\_ Steel down Hole: \_\_\_\_\_

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

Assay Lab: \_\_\_\_\_

Certificate No's: \_\_\_\_\_

Started: \_\_\_\_\_ Completed: \_\_\_\_\_

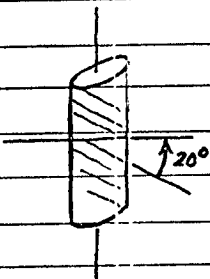
# Diamond Drill Record

COLLAR: NORTH _____ EAST _____		HOLE SURVEY		
		FOOTAGE	AZIMUTH	DIP -90°
ELEVATION <u>5700'</u>		Hole not surveyed		
LOGGED BY <u>D. S. Jennings</u>				
DATE LOGGED <u>Sept. 6, 1974</u>				
MAP REFERENCE NO. _____		METHOD: _____		

COMPANY NAME Cyprus Anvil Mining Corporation  
 PROPERTY NAME MM  
 DRILLING CONTRACTOR Arctic Diamond Drilling  
 ASSAYER No core submitted for assay  
 PURPOSE OF HOLE Test 1973 gravity anomaly

HOLE NO. DDH MM 74-1  
 CLAIM NAME MM 7  
 COMMENCED Sept. 2, 1974  
 FINISHED Sept. 6, 1974  
 PROJECT NO. 460

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
0	6		Overburden										
6	309		Slightly calcareous carbonaceous quartzite										
			$S_1$ foln. $25^\circ @ 17'$										
			$30^\circ @ 72'$										
			Fold Hinges $15^\circ @ 117'$										
			$234'$ $25^\circ @ 147'$										
			$257'$ $25^\circ @ 187'$										
			$65^\circ @ 217'$										
			$30^\circ @ 256'$										
			$25^\circ @ 279'$										
309	309.5		Pyritic black graphitic marble band. $S_1$ foliation $25^\circ @ 309.5$										
309.5	324		Slightly calcareous graphitic quartzite w/occasional marble bands 1/2" to 6" thick										
324	334		Well foliated ( $S_2$ ) calc-silicate schist w/marble bands up to 1". $S_2$ $@ 329' = 30^\circ$ . Diss. po stringer @ 328.5'										
334	339		Graph. calc-silicate schist minor diss. po < 1%; $S_2 @ 20^\circ @ 335'$										
339	343		Calc-silicate schist; diss. po throughout up to $\approx 2-5\%$ po. 4" sample taken @ 342'										
343	349		Silicated marble with minor po & po + py stringers and blebs w/up to 5% total sulfides over one 6" interval (344.5-345)										



# Diamond Drill Record

COLLAR:	HOLE SURVEY		
NORTH _____	FOOTAGE	AZIMUTH	DIP
EAST _____			
ELEVATION _____			
LOGGED BY _____			
DATE LOGGED _____			
MAP REFERENCE NO. _____	METHOD: _____		

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
 DRILLING CONTRACTOR \_\_\_\_\_  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO. <u>DDH MM 74-1</u>
CLAIM NAME _____
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
349	407		Calc-silicate schist w/minor marble bands up to 1": 1-3% diss. po throughout. $S_1 \approx S_2$ $20^\circ$ @ 387'										
407	408.5		Graphitic calc-silicate schist w/no diss. po										
408.5	410		Calc-silicate schist w/1-3% diss. po throughout										
410	417.5		Calc-silicate schist w/no diss. po. $S_1 \approx S_2 = 20^\circ$ @ 417										
417.5	419		Marble bands in CS schist w/ 4" thick band of 25-30% po @ 418' & 1 3" thick band 20-30% diss. po @ 418.5. No ZnS/PbS noted										
419	423		Calc-silicate schist w/ < 1% diss. po; no PbS/ZnS										
423	453		Non calcareous, chlor-graph schist w/siliceous bands and no diss. po or other sulfides. One 3" band of normal CS schist w/1-3% diss. po @ 447'. $S_1 \approx S_2 = 15^\circ$ @ 447'										
453	459		Calc-silicate schist w/ < 1% diss./blebby po										
459	470		Non-calc., chlor-graph schist w/no diss. po or other sulfides										
470	484		Calc-silicate schist w/ < 1% diss. po. $S_2 \approx S_1 = 25^\circ$ @ 475'										
484	494		Non-calc., chlor-graph schist w/no diss. po										
494	569.5		Calc-silicate schist w/1%-3% diss. po. $S_2 \approx S_1 = 0^\circ$ @ 517'  $\approx 40\%$ po 566-567'  $S_2 \approx S_1 = 30^\circ$ @ 569'										
569.5	597		Felsic, finely xline chlor schist w/1-5% total sulfides (py + po) as diss. blebs. Few 1 foot sections up to 10% total sulfides.										

DDH 74M.M. - 0.1  
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	74M.M. - 0.1					

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8 10 14 22 26 28 32 34 56				
R	74M.M. - 0.1	100	-15.0	013.3	A.T. COLLAR

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

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16	20 22 24 26 28 30 34 35				
L	10 0	12 116 0		1	#1	No core - Boxes not saved. Original log indicates slightly carbonaceous quartzite - i.e. same as next unit.
L	12 116 0	13 019 0		2		Hard, slightly dolomitic, creamy white quartzite. Contains thin discontinuous dark grey carbonaceous streaks defining PSI foliation. Some intervals up to 4 feet thick are dark carbonaceous grey with thin discontinuous cream white streaks defining PSI foliation. Streaks generally less than 1 cm thick. Very locally get intervals less than 1 foot thick with calc-silicate minerals. Dominantly pale brown biotite with thin streaks of medium green diopside or actinolite.
L	13 019 0	13 019 5		3		Very dark grey, slightly pyritic calcite marble. Margins are sharp. Contains 1 cm thick fractures infilled w/ slightly coarser grained and less carbonaceous calcite. Suggest concretions in quartzite - fracture texture suggestive of Septarian concretions.
L	13 019 5	13 214 0		4		Same as above. Unit # 2 (216-309) Contains rare short calcite marble intervals. Calcite marbles locally contain disseminated biotite. In one interval 311-315 pale green diopside (?) calc-silicate developed extensively in matrix in association with numerous small and large (1 cm across) calcite-filled fractures. PSI foliation shows extensive folding by later C52

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24 26 28 30 34 35				
L	1312140	1313140		15		Generally hard, medium to dark brownish grey, moderately calcareous biotite-quartzite phyllite/schist. SZ surfaces are silvery grey. Calcite occurs as matrix and thin streaks in intervals up to 1.5 feet thick. Calcareous intervals are medium brown (less carbon) and contain extensive irregularly developed medium to dark green hornblende with minor apple green epidote. Lower contact gradational with decrease in thickness and extent of the calcareous intervals. Well developed CSZ crenulation cleavage, especially in more micaceous/less calcareous intervals.
L	1313140	1313170				
L	1313140	1313190		16		Moderately soft to moderately hard, noncalcareous, medium dark grey CSZ-foliated schist. SZ surfaces are shiny dark grey and slightly waxy fingers. Contains minor 1-2 cm thick dark green bands of hornblende-calcite. Noncalcareous intervals contain disseminated biotite.
L	1313190	1314130		17		Similar to Unit # 5 (324-334) Interval is medium dark greyish brown. Becomes lighter brown as go down DDH. As go down DDH calc-silicate intervals change from dark green hornblende to pale green hornblende-calcite. Unit CSZ foliated with well developed crenulation cleavage.

DDH 74.M.M.-0.1  
2 8CURRAGH RESOURCES INC.  
Lithologic LogPage 5Date: 09/20/88 Logged By: KGP

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16 20	22 24 26 28 30 34 35		18		Medium yellow, medium grey, slightly pyritic calcite marble. Contains thin diffuse dark grey carbonaceous streaks. Interbanded with hard, cream to dark brown, calcareous biotite-calcite-quartz calc-silicate schist. Calc-silicates dominantly dark green hornblende. Interbanding with marble on a scale of 1-2 feet. Both lithologies P52 foliated although compositional banding defined by internal contacts between them is roughly parallel core axis.
L	131419 6	1410170		19		Moderately hard to hard, calcareous, dark greyish brown, biotite-quartz-calcite-calc-silicate schist. S2 surfaces are dark greyish brown. Contains thin discontinuous quartz-calcite bands defining P51 foliations. These bands contain disseminated dark green hornblende and locally pale apple green epidote. Banding ranges from 1cm - 1m in thickness. Thicker intervals are calcareous, slightly biotitic, calc-silicate quartzite. C52 foliated with P51 locally going down core axis and showing fold closures. Box for interval 380.5-405 is missing.
L	1410170	141135		110		Hard, slightly calcareous, dark brownish grey, calc-silicate, biotite-quartz carbonaceous schist. S2 surfaces are dark shiny grey and only slightly weak fingers. Biotite-quartz schist contains thin 1-5cm bands of calcareous, medium green, hornblende-calcite calc-silicate. These constitute only 20% of interval. Commonly calc-silicate bands have thin brown biotite selage. Interval overall is C52 foliated.

DDH 74.M.M.-0.1  
2 8

## CURRAGH RESOURCES INC.

## Lithologic Log

Page 6Date: 09/20/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16	20 22 24 26 28 30 34 35				
L	141135	141190		111		Moderately hard, calcareous, medium dark brown, biotite-quartz-calc-silicate schist. Contains 1cm - 15cm thick interbands of medium siline, medium to pale grey, calcitic marble. Calc-silicate rich bands are brownish green and consist of hornblende-epidote w/ lesser calcite-biotite-quartz. Calc-silicate bands range 3-20cm thick and constitute 60% of interval. Interval grades CS2 foliated to PS2 foliated.
L	141190	141230		112		Moderately soft to moderately hard, medium dark brownish grey biotite-quartz-calc-silicate schist. Lacks calcitic marble intervals noted in last unit # 11 (413.5-419.0). S2 surfaces dark grey. Partly CS2 foliated. Calc-silicate bands are quartz-biotite-hornblende and are generally noncalcareous.
L	141230	141530		113		Moderately hard, very dark grey, noncalcareous, CS2-foliated schist. Slight brownish tinge from disseminated biotite. S2 surfaces dark shiny grey but do not mark fingers. Slightly siliceous, moderately carbonaceous, noncalcareous biotite schist.
L	141530	141510		114		Moderately hard, noncalcareous, CS2-foliated, very dark grey biotite-quartz carbonaceous schist with dark green, noncalcareous hornblende-biotite-quartz calc-silicate interbeds. Calc-silicate bands 2cm - 0.5m thick w/ thickness and proportion increasing as go down DDT. Both contacts gradational. S2 surfaces shiny grey.

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16 20 22 24 26 28 30 34 35					
L	14610	14710		115		Same as Unit # 13 (423-453) Poorly CS2-foliated S2 surfaces are dark shiny grey but do not make fingers. Upper and lower contacts are gradual. Brownish tinge indicates disseminated biotite present.
L	14710	14716		116		Similar to Unit # 14 (453-461). Dark brownish grey, noncalcareous, carbonaceous biotite-quartz schist with thin interbands of noncalcareous, medium brown-green grey hornblende-biotite-quartz calc-silicate. Calc silicate banding on scale 5-20 cm. Upper contact gradual. Not a good "pure" calc-silicate.
L	14716	14814		117		Moderately soft to moderately hard, dark olive green, noncalcareous, biotite-muscovite quartz schist. S2 surfaces are shiny olive greenish green. Contains lesser interbands of dark grey, moderately hard, noncalcareous, carbonaceous biotite-quartz schist. Proportions of two units 80:20. Unit thinly banded in shades of green based on muscovite content. Possible metabasite? P52 foliated. Contains pegmatitic white quartz vein, pods and lenses.
L	14814	14914		118		Same as Units #13 (423-453) and #15 (461-471). CS2 foliated S2 surfaces are shiny very dark grey. Unit noncalcareous and moderately hard.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	14914 0	151610 0		119		Moderately soft, C52-foliated, medium to dark grey, thinly banded biotite-quartz-calc-silicate schist Noncalcareous. S2 surfaces are silvery grey to shiny dark grey. Calc-silicate bands generally 1cm or so thick - consist of biotite-quartz with disseminated green hornblende. Not a good, well developed calc-silicate schist
L	151610 0	151616 0		120		Moderately soft, very dark green, C52-foliated, chlorite-quartz ± muscovite schist Contains 1-2% euhedral disseminated pyrite. Strongly magnetic Below 563 feet unit thinly banded with interleaved pale olive green muscovite-chlorite 1cm bands Upper very dark green is strongly magnetic Serpentinized ultramafic transitional to metabasite Lower portions of muscovite - noted 1 xenomorphic pale pink garnet
L	151616 0	151619 0		121		Moderately hard, P52-foliated, medium grey-green, chlorite-muscovite-quartz schist Contains thin streaks of dark brown biotite Noncalcareous S2 surfaces are silvery green to green. Contains abundant small lenses and laminae of pyrochlore and fine reddish zircon. Wmed estimate 2.5% Zn in portions. Not sure if this is part of metabasite or part of unit beneath metabasite.
						No more core - last box missing - EOK

DDH 7,4,M,M,-0,1  
2 8

CURRAGH RESOURCES INC.

Page \_\_\_\_\_ of \_\_\_\_\_

Logged by LCP

ASSAY LOG (SAMPLER'S COPY)

Date 09/20/88 Sampled by \_\_\_\_\_

CODE	FROM		TO		SAMPLE	INTR.				REC (m)		UNIT		DESCRIPTION
	10	14	16	20		22	26	28	30	32	34	36	40	
P	15616	0	15619	0	415120			30		125				chlorite-muscovite-quartz phyllic w/ disseminated py + sphal.  analyze for Cu, Zn, Ag as well as Au



74 MM 02

DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: 74 MM-02

Reference Fabric Orientation Diagram:

Project: MM claims # 460

Location: MM

Claim: MM 7

Terr. Plane Co-ords.: 22, 367, 164.3 N

409, 283.8 E

Grid Co-ords: \_\_\_\_\_

Elevation: 6100.6

All symmetry determinations looking

Total Depth: 1413 feet

\_\_\_\_\_ with \_\_\_\_\_ dipping

Inclination: -50° in direction 033

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: \_\_\_\_\_

Logged by: \_\_\_\_\_

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: ARCTIC DIAMOND DRILLING

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

Hole Cemented: Steel down Hole: \_\_\_\_\_

Assay Lab: \_\_\_\_\_

Certificate No's: \_\_\_\_\_

Started: SEPT 10/74 Completed: OCT 10/74

# Diamond Drill Record

COLLAR:		HOLE SURVEY		
NORTH _____	FOOTAGE _____	AZIMUTH _____	DIP _____	
EAST _____		33°	-50°	
ELEVATION <u>6200'</u>				
LOGGED BY <u>D. S. Jennings</u>	Hole to be Surveyed			
DATE LOGGED <u>Oct. 10, 1974</u>	in <u>1973</u>			
MAP REFERENCE NO. _____	METHOD: _____			

COMPANY NAME Cyprus Anvil Mining Corporation  
 PROPERTY NAME MM  
 DRILLING CONTRACTOR Arctic Diamond Drilling  
 ASSAYER Cyprus Anvil Assay Lab  
 PURPOSE OF HOLE Test showings #1 & #2 in main MM cirque

HOLE NO. <u>DDH MM 74-2</u>
CLAIM NAME <u>MM 10</u>
COMMENCED <u>Sept. 10, 1974</u>
FINISHED <u>Oct. 10, 1974</u>
PROJECT NO. <u>460</u>

FROM	TO	RECOVERY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
0	2		Dol. marble; rubbly $\approx$ 20% recovery										
2	4		Med. gray dol. marble as above $\approx$ 80% recovery										
4	22		As above, no structural features										
22	57		Mottled med. & lt. gray dolomite										
57	80		Lt. gray, massive, unmottled featureless dolomite										
80	130		As 22-57 $S_1 \approx S_2 = 25^\circ @ 87'$										
130	156		As 57-80; ankerite xls. 147-150										
156	156.7		Dk. gray med. xlline dolomite										
156.7	159		Lt. gray mottled dol. $S_1 \approx S_2 = 40^\circ @ 159'$										
159	162		As 57-80										
162	167		Lt. gray mottled dol. at 156.7-159'										
167	170		Lt. gray featureless, unmottled dol.										
170	175		Off-white med. xlline calcitic marble. $S_1 = 70^\circ @ 175'$										
175	221		Med. gray, med. xlline calcitic marble w/unident xls. Sample taken @ 181.5'. 1" chartreuse talc filled shear @ 202'										
221	262		Med. gray finely xlline dol. w/occasional ankerite xls. $S_2 = 25^\circ @ 232'$										
262	292		Lt. gray mottled, fg. dol. No good foln.										
292	296		Med. & lt. gray dol. fossil "chowder." Prob. brachiopod fragmentals										
296	299		Med. gray mottled dol.										















76 MM 01

DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: 76MM-01

Reference Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

Terr. Plane Co-ords.: 22,369,270.7 N

408,257.2 E

Grid Co-ords: \_\_\_\_\_

Elevation: 5325.4

All symmetry determinations looking

Total Depth: 600 feet

\_\_\_\_\_ with \_\_\_\_\_ dipping

Inclination: -45° in direction 070

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: \_\_\_\_\_

Logged by: L. C. Pigage

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: \_\_\_\_\_





# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 01

PROPERTY MM

SHEET NUMBER 3

SECTION FROM 426.5 TO 547

STARTED July 22, 1976

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING 70°

ULTIMATE DEPTH 600 ft.

ELEVATION 5325 ft.

DIP 45°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	STRUCTURAL	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS				
						AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.	
426.5	429	VEIN QUARTZ containing a 1/4" py band and blotches of pyrite, sphalerite and galena.														
429	527	QUARTZITE. As 240.0 to 371.0 - rather impure quartzite with more or less muscovite, chlorite and actinolite. Fairly competent, well foliated, with mica schist bands. Minor sulfides disseminated throughout - total 0-2%, mostly pyrite. A few thin bands a few millimetres thick //S <sub>1</sub> with ~50% sulfides - mostly pyrite with traces of sphalerite and galena.														
527	547	SCHIST. Quartz-muscovite-chlorite schist; minor graphite.														

---continued---



DDH  $\frac{7.6\text{M.M.} - 0.1}{2 \quad 8}$

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	7161111-101					

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8 10 14 22 26 28 32 34 56				
R	7161111-101	10 0	-14 51 0	017 01 0	A, T, C, O, L, L, A, R
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

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

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
											NOTES ONLY - NOT A PROPER DETAILED LOG
L	100	110	0						1	#	Overburden
L	110	121	10	5							12
											Moderately hard to hard, slightly to moderately calcareous, calc-silicate-biotite-quartz schist. Similar to Unit logged in core of DDH 73MM-01. Contains thin bands of green hornblende/epidote. Pale cream bands are noncalcareous muscovite schist. Dark brown bands are biotite-rich.
											Bandings generally on scale 1-2cm although some bands locally very thick. Possible metabasite in interval 190-207 because dominantly dark green hornblende with discontinuous thin white stringers.
											Structurally S1 = compositional banding at very shallow angle to core axis. S2 only poorly and locally developed at about 45° to core axis. Lower contact gradational.
L	121	121	10	5							13
											Dominantly hard to moderately soft, noncalcareous, biotite-muscovite-chlorite-quartz schist transitional to quartzite. Variably calcareous with some intervals being very dark grey to almost black. Large pelitic component for this interval. Dominant P <sub>S1</sub> foliations at very shallow angle to core axis. Poorly developed C <sub>S2</sub> foliations with minor pressure solution.

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30
L	1216	170	1311	135					14		
											Dominantly hard, noncalcareous, pale silvery green, muscovite-chlorite-quartz-garnetite quartzite. Ps locally up to 15%. Ps dominantly interstitial. Micas also not interstitial to quartz. Locally quartz has lensoid veined appearance via PSI foliations - almost looks like possible lapilli?? Volcanic or volcanoclastic for this interval.
L	1311	135	1317	100					15		
											Moderately hard, CS2-foliated, noncalcareous, dark brown biotite-quartz-hornblende schist. Striped between dark brown and dark green. Stripping on scale 1-2cm. Dark green bands are dominantly fine-grained hornblende. Not the same as the well developed calc-silicate schist noted at the top of this DDH. Again compositional banding = S1 at shallow angle to core axis and CS2 not strongly developed.
L	1317	100	1421	50					16		
											Moderately hard, locally slightly calcareous, brown to grey biotite-chlorite-muscovite-quartz-garnet schist. Variably carbonaceous with some intervals being dark grey to black. S1 very close to core axis for extensive intervals. Not same carbonaceous horizon as above Unit # 3 because intersections not symmetrical for lithologies.
L	1421	50	1416	35					17		
											Hard, PSI foliated, grey-brown, noncalcareous, muscovite-chlorite-biotite-quartz quartzite. Thinly banded in shades of grey and brown. Contains interbands of brown biotite-quartz-chlorite-muscovite schist. Differentiated

Code	From	To	Recov.	No.	Unit	Description						
I	10	14	16	20	22	24	26	28	30	34	35	
												largely because of increased hardness and slightly lighter colour. Upper & lower contacts gradational.
L	14613	5	15510								8	
												Hard, PSI-foliated, generally non-calcareous to slightly calcareous biotite-muscovite-orthoite-quartz-garnet schist transitional to quartzite. Colour is dark brown wet and brownish grey dry. Contains elongate lenses of white quartz with mottled interstitial biotite-garnet-sulphide. This reminds me of similar unit noted lower in DDH 73MM-02.
L	15511	6	15615	6							19	
												Hard, pale grey, PSI-foliated, slightly calcareous muscovite-pyrite-pyrrhotite quartzite. Thinly banded with muscovite-sulphide forming lam or less bands in grey gneiss. Calcite as small specks in these muscovite-S <sup>2</sup> bands. Possibly contains minor sphalerite. Similar to thinly laminated gneiss at top and bottom of DDH 73MM-01. 5-10% po+py
L	15615	6	15712	9							110	
												Hard, medium grey (wet) slightly calcareous quartzite. Slightly mottled texture with abundant diffuse cream white vein quartz. Essentially no muscovite. Pyrite as larger aggregates rather than fine streaks and bands. Contains irregular aggregates of medium green to dark green hornblende - these are typically slightly calcareous. Not quite the same as unit near top of DDH 73MM-01 5% po+py

DDH 7.6.M.M. - 0.1  
 2 8

CURRAGH RESOURCES INC.  
 Lithologic Log

Date: 6/22/88 Logged By: KCP

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	5712	9	51818	3				111			
											Same as Unit # 9 (551-565.6) 1-7% po+py
L	51818	3	61000					112			
											Same as Unit # 10 (565.6-573.7) 1-5% po+py
											Should analyze for Cu, Ag, Zn, Pb as well

DDH 7.6.M.M.-01  
2 8

CURRAGH RESOURCES INC.

Page \_\_\_\_\_ of \_\_\_\_\_

Logged by LCP

ASSAY LOG (SAMPLER'S COPY)

Date 09/22/88

Sampled by CM

CODE	FROM		TO		SAMPLE	INTR.				REC (m)		UNIT		DESCRIPTION
	10	14	16	20		22	26	28	30	32	34	36	40	
	15510	15514	15516	15520	4115519		170		174					
	15518	15522	15524	15528	4115510		176		173					
	15615	15619	15621	15625	4115611		173		175					
	15729	15733	15735	15739	4115712		171		177					
	15810	15814	15816	15820	4115813		183		189					
	15818	15822	15824	15828	4115814		159		161					
	15942	15946	15948	15952	4115915		158		144					

Z6 MM 02

DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: 76MM-02

Reference Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

Terr. Plane Co-ords.: 22,367,974.2 N

409,897.7 E

Grid Co-ords: \_\_\_\_\_

Elevation: 5534.1

All symmetry determinations looking

Total Depth: 870 feet

\_\_\_\_\_ with \_\_\_\_\_ dipping

Inclination: -12° in direction 215°

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: \_\_\_\_\_

Logged by: LC Pigge

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: \_\_\_\_\_





# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 3 SECTION FROM 92 TO 124 STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING 215° ULTIMATE DEPTH 870 ft.  
 ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	STRUCTURAL	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS					
						AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.		
92	95	SCHIST. As 82.0 to 90.0.															
95	99.3	SCHIST. As 90.0 to 92.0.															
99.3	102	SCHIST. As 82.0 to 90.0.															
102	110	SCHIST. Interbanded black biotite schist. light grey quartz-muscovite and light greenish grey quartz- muscovite-chlorite schist, with small brownish red garnet poikil- oblasts scattered throughout.															
110	124	SCHIST. Interbanded light grey- green quartz-muscovite-chlorite schist, medium green quartz-actin- chlorite schist (?possibly a calcite-silicate), and grey quartzite. Actinolite-bearing bands contain minor pyrite.															

---continued.





# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 6 SECTION FROM 183.5 TO 228 STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING 215° ULTIMATE DEPTH 870 ft.  
 ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	STRUCTURAL	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS					
						AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.		
183.5	192.5	SCHIST. Light grey-green chlorite-muscovite schist with variable proportion of quartz.															
192.5	215	SCHIST. Interbanded dark green quartz-actinolite-chlorite. Garnet schist, light grey-green quartz-muscovite chlorite schist, light grey quartz-muscovite schist and black biotite schist. Locally a few thin light grey marble bands (last few feet)..															
215	228	SCHIST. Interbanded black biotite schist, light green actinolite-chlorite schist (?calcite-silicate), light grey-green muscovite-chlorite schist and light grey marble.															

Garnets locally.

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 7 SECTION FROM 228 TO 256 STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING 215° ULTIMATE DEPTH 870 ft.  
 ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	STRUCTURAL	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS					
						AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.		
228	239	SCHIST. Interbanded dark grey quartz-muscovite-biotite schist, grey-green quartz-muscovite-chl schist. Locally a few thin marble bands.															
239	242.7	QUARTZITE. Light grey quartzite with minor micaceous partings and some yellowish white vein quartz.															
242.7	244	BARITE. Massive bartie containing sulfide bands - mixture of pyrite, galena, minor sphalerite, also minor calcite and magnetite. Yellowish brown staining.															
244	248	QUARTZITE. As 239.0 to242.7.															
248	256	SCHIST. Interbanded light grey quartz-muscovite schist, light															

---continued





# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 10 SECTION FROM 283.3 TO 298 STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING 215° ULTIMATE DEPTH 870 ft.  
 ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	STRUCTURAL	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS					
						AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.		
283.3	285.5	SCHIST. Interbanded light grey-green quartz-muscovite-chlorite schist and black biotite-muscovite schist. Traces of pyrite.															
285.5	287	SCHIST. Interbanded light to medium green quartz-chlorite-muscovite schist and dark green quartz-chlorite-actinolite schist.															
287	287.5	SULFIDE BAND. Approximately 50% sulfide, in schist ~30% pyrite, 10% galena, 10% sphalerite.															
287.5	294	SCHIST. As 285.5 to 287.0.															
294	298	SULFIDE BAND. Hosted by greenish grey quartzite calcite-silicate marble. Sulfides 30%-mostly with minor galena and a light orange		1675	294-298	3.09	0.03	2.70	3.75								

----continued



# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 12 SECTION FROM 315.5 TO 404 STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING 215° ULTIMATE DEPTH 870 ft.  
 ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	Structural	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS					
						AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.		
315.5	320.5	QUARTZITE. Grey and greenish-grey foliated quartzite with interbands of white vein quartz and greenish- grey quartz-muscovite-chlorite schist. Minor pyrite.															
320.5	321.5	BARITIC, PYRITIC QUARTZITE. Py bands contain minor galena and pyrrhotite.															
321.5	404	QUARTZITE. As 315.5 to 320.5. Vein quartz bands contain purple fluorite at approximately 340 ft. and between 371 and 375. Minor disseminated pyrite locally. Band of pyrite and pyrrhotite along fracture at 397.7. 353 - 363 --only 1 foot recovered. 373 - 394 --only about 9ft recovered.															

373 - 394 --only about 9ft recovered.













# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 19 SECTION FROM 557 TO 620.5 STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
557	583	QUARTZITE. Greenish grey chlorite												
		and muscovite, rich quartzite	1683	557-562	0.03	0.02	0.05	0.01						
		and minor biotite. Locally thin	1684	562-567	0.09	0.02	0.44	1.08						
		interbands of light grey marble.	1685	567-572	0.15	0.05	0.70	1.30						
		Thin sulfide bands-mostly pyrrhotite, minor pyrite, sphalerite and galena. ~5-10% total sulfides.	1686	572-577	0.29	0.03	1.55	2.70						
			1687	577-582	0.21	0.02	1.03	1.08						
583	595	Thinly interbanded light grey	1688	582-587	0.23	0.03	1.15	1.70						
		marble, light grey quartzite and sulfide. Sulfides ~10% - mostly	1689	587-592	0.06	0.01	0.08	0.05						
		pyrrhotite, minor pyrite, sphalerite and galena.	1690	592-597	0.06	0.01	0.12	0.04						
			1691	597-602	TR	0.01	0.01	TR						
595	620.5	QUARTZITE. Greenish grey chlorite	1692	602-607	TR	0.01	0.01	TR						
		and muscovite quartzite, locally	1693	607-612	0.03	0.01	0.03	TR						
		with thin interbands of light grey	1694	612-617	0.03	0.01	0.01	TR						
		marble. Minor disseminated pyrite	1695	617-622	0.15	0.02	0.32	0.30						

locally.

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 20 SECTION FROM 620.5 TO 633.5 STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING 215° ULTIMATE DEPTH 870 ft.  
 ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	STRUCTURAL	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS					
						AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.		
620.5	623.5	BANDED SULFIDES. Interbanded light grey-green quartzose calcite-silicate marble or calcareous quartzite, and sulfide bands (~20%). Sulfide chiefly pyrrhotite with blobs of sphalerite and galena.															
623.5	626	BANDED SULFIDES. Interbanded light grey-green chloritic quartzite, grey quartzite and chlorite schist-sulfides ~60%, chiefly pyrrhotite ~10% sphalerite, 1-2% galena, large blobs of pyrite, traces of chalcopyrite.		1696	622-627	0.15	0.08	0.22	0.55								
626	633.5	Interbanded light greenish-grey chlorite-quartzite and dark green quartz-chlorite-actinolite rock		1697	627-632	TR	0.01	0.03	TR								

----continued

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 21 SECTION FROM 626 TO 643 STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING 215° ULTIMATE DEPTH 870ft.  
 ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	STRUCTURAL	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS					
						AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.		
626	633.5	(? calcite-silicate?). Trace of disseminated pyrite.															
		(Contd)															
633.5	638	BANDED SULFIDES. As 626.0 to 633.5 but with abundant sulfides, increasing in proportion downward from ~20% to ~75%. Mostly pyrrhotite, minor sphalerite, large blobs of galena and pyrite, traces of chalcopyrite. Also large blobs of purple and very dark green, apparently associated with galena.		1698	632-637	0.59	0.04	1.72	4.15								
638	643	SCHIST. Interbanded greenish grey quartz-chlorite schist, quartz-muscovite-chlorite schist and dark green quartz-chlorite-actinolite rock (?C/S), locally with minor biotite.		1699	637-642	0.03	0.03	0.18	0.98								

biotite.



# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 23 SECTION FROM 652.5 TO 793 STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING 215° ULTIMATE DEPTH 870 ft.  
 ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	STRUCTURAL	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS				
						AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.	
652.5	661.5	QUARTZITE. Banded grey quartzite														
		containing ~10% sulfide - pyrrhotite with minor sphalerite and galena.		1852	652-657	0.09	0.02	0.27	0.55							
				1853	657-662	0.23	0.02	0.80	0.90							
661.5	663	BANDED SULFIDE. Grey quartzite														
		containing ~30% sulfide - pyrrhotite with minor sphalerite and galena.		1854	662-667	0.12	0.08	0.40	0.88							
663	793	BANDED SULFIDE. Interbanded grey quartzite and grey marble with local interbands of grey-green mica schist. Sulfide 0 to 20%. Mainly pyrrhotite with minor sphalerite and galena.		1855	667-672	0.12	0.01	0.20	0.05							
				1856	672-677	0.15	0.01	0.14	TR							
				1857	677-682	0.21	0.04	0.78	1.93							
				1858	682-687	0.15	0.02	0.38	0.20							
				1859	687-692	0.26	0.02	0.80	1.58							
				1860	692-697	0.26	0.02	0.49	0.55							
				1861	697-702	0.03	0.01	0.05	TR							
				1862	702-707	TR	0.01	0.03	TR							

---continued

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 24 SECTION FROM 663 TO 801 STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING 215° ULTIMATE DEPTH 870 ft.  
 ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	STRUCTURAL	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
						AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
663	793	Continued.		1863	707-712	TR	0.01	0.05	0.03						
				1864	712-717	0.03	0.01	0.03	TR						
				1865	717-722	0.06	0.01	0.05	TR						
				1866	722-727	0.12	0.01	0.14	0.20						
				1867	727-732	0.06	0.01	0.03	0.05						
				1868	732-737	0.03	0.01	0.03	0.03						
				1869	737-742	0.06	0.01	0.05	0.01						
				1870	742-747	0.15	0.03	0.32	0.48						
				1871	747-752	0.38	0.04	1.05	3.58						
				1872	752-757	0.09	0.02	0.23	0.50						
				1873	772-777	0.97	0.04	2.50	3.10						
				1874	777-782	0.41	0.02	0.74	1.75						
				1875	782-787	0.01	0.03	0.04	0.08						
				1876	787-792	0.01	0.02	0.03	0.08						
793	801	BANDED SULFIDES. As 663 to 793													
		with sulfide 50%, also blobs of magnetite.		1877	792-797	0.77	0.03	2.68	3.55						
				1878	797-802	0.68	0.07	2.38	4.10						



CURRAGH RESOURCES INC.

DDH 76MM-02  
           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	76MM-102					

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8 10 14 22 26 28 32 34 56				
R	76MM-102	100	-112.0	211.5	AT COLLAR
R					
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Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	2 8 10 56	

## Lithologic Log

Date: 09/25/88 Logged By: KCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
						NB - Notes only. Also check original log. Structurally DDH drilling very close to P51 = compositional banding. CSA crosses at moderate to high angle to core axis.
L	100	110		11	#1	Truncated - no recovery
L	110	113		12	#1	Overburden Drill ground boulders/pebbles dominantly of pale grey, slightly dolomitic. Arkic quartzite. One piece of muscovite-quartz schist drilled - possibly indicates gneiss gabbles below that are "flossers"
L	113	124.5		13		Moderately soft, locally slightly calcareous, P51-foliated, thinly banded, muscovite-quartz schist. Contains 1cm bands of finely yellow pale grey schist/quartzite. Colour wet in pale to medium grey - has a fairly uniform pale yellow iron stain coating. Broken surfaces have orange-brown weathering coat. Small streaks of fine pyrite (<1%) along S1 compositional banding.
L	124.5	131.4	2	14		Moderately hard, slightly calcareous, thinly banded biotite-muscovite-quartz schist. Banding on 0.5-1.0 cm scale between dark brown biotite-quartz and medium grey (wet) muscovite-quartz. Contains 1-2% disseminated pyrite and pyrrhotite as small streaks parallel P51. Upper and lower contacts gradual w/ rapid increase in biotite content. Only locally weather-stained in contrast to previous unit (13-24.5)

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
L	1314	2	1618	7					15			
												Moderately soft to moderately hard, slightly calcareous, PSI-foliated, finely banded muscovite-quartz schist. Banding defined by fine pale grey finely x-line chert/quartzite intervals (1-3 cm thick). Very minor pyrite streaks parallel PSI foliations. Compositional banding parallel St. Present rock presumed felsic volcanic possibly stuff w/ chert interbeds because of finely laminated character. Less than 1% pyrite. Similar to Unit # 3 (13-24.5)
L	1618	7	1716	4					16			
												Same finely banded/laminated muscovite-quartz schist with interbeds of pegmatitic white quartz with interstitial pyrite. Muscovite-quartz schist contains 1-5% pyrite occurring disseminated in 0.2-1 cm bands parallel PSI. Pegmatitic quartz content 20%
L	1716	4	1811	0					17			
												Moderately soft, finely banded, slightly calcareous, PSI-foliated, biotite-muscovite-quartz ± calcite schist. Banded on 1-3 cm scale between biotite-quartz ± calcite (dark brown) and muscovite-quartz (pale grey). Same as Unit # 4 (24.5-34.2) Upper and lower contacts are sharp parallel PSI
L	1811	0	1816	4					18			
												Thinly banded, slightly calcareous, pale grey muscovite-quartz schist. Same as Unit # 5 (34.2-68.7) Locally 0.2-1.0 cm pyrite bands constitute 40% of the unit.

Code	From	To	Recov.	No.	Unit	Description
I	10	14 16	20	22 24	26 28 30	34 35
L	11864	111020		119		
						Same as Unit # 6 (68.7-76.4) Finely laminated quartz-muscovite-pyrite schist w/ abundant coarse, white pegmatitic quartz. Quartz veins constitute 35% of interval. Schist silicified near quartz veins.
L	111020	111107		1110		
						Similar to Units # 4 (24.5-34.2) and 7 (76.4-81.0) Overall colour unit is dark brown to dark greenish brown. Contains biotite-muscovite-quartz-tourmaline-calcite-garnet. Garnet as poorly formed pale pink x-laths. Some intervals are extremely calcareous.
L	111107	111215		111		
						Similar to Unit # 9 (86.4-102.0) Thinly banded, locally slightly calcareous, PSI-foliated, moderately hard, muscovite-quartz-calcite-pyrite schist. Py. disseminated in thin lam bands. Interval contains 20% pegmatitic white quartz veins - minor purple fluorite in quartz vein @ 115. 0.2' massive banded bed w/ disseminated pyrite @ 118'
L	111215	111235		112		
						Calcareous, thinly banded biotite-muscovite-quartz schist As Unit # 10 (102-110.7)
L	111235	111245		113		
						Finely laminated, PSI-foliated, slightly calcareous muscovite-quartz-quartzite/schist. Contains thin pyrite laminae? TOI consists of 0.2 foot massive banded w/ minor disseminated pyrite

## Lithologic Log

Date: 09/25/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	11214 5	11217 7		114		Sulphides (pyrite, galena, sphalerite) - barite - calcite Split core. Bra texture Angular clast of calcite and barite in a pyritic sulphides matrix. Sphal and galena occur both as fine grains in baritic pyritic matrix and as coarse x-labs.
L	11217 7	11413 5		115		Same as Unit # 11 (110.7-121.5) and # 9 (86.4-102.0) Pegmatitic vein quartz constitutes 50-60% of interval. 0.2' barite @ 128.2
L	11413 5	11415 0		116		Moderately calcareous, pyritic, baritic quartzite. Granular texture. Calcite disseminated in matrix. Pyrite defines compositional banding - fans up to 20% in thin intervals.
L	11415 0	11911 3		117		Thinly banded, locally slightly calcareous, moderately hard, muscovite-quartz schist. Wet colour is medium to medium pale grey. locally contains short interval with tinge of purplish brown biotite. Probably biotite related to fact that may be just "grazing" next unit as S <sub>0</sub> =S <sub>1</sub> essentially goes down core axis. Contains thin disseminated pyrite laminae. Ground core with possible mislatch at 156 feet - also core missing S <sub>2</sub> and S <sub>1</sub> surfaces are silvery grey. Contacts are conformable parallel S <sub>1</sub> .

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	119113	121305		118		Thinly banded biotite-muscovite-calcite-quartz schist. Banding on 1 cm scale between dark brown and pale green. Biotite rich bands locally green from abundant calc-silicates (hornblende-epidote). Contacts are conformable parallel sl.
L	1213185	121660		119		Thinly banded, moderately hard, muscovite-quartz-pyrite schist transitional to quartzite. Pyrite content about 1%. Interval 242.7-243.8 massive barite w/ sulfides. Top 0.2' dominantly pyrite with minor magnetite, galena, sphalerite. (this is top 0.2' of the massive barite section). Unit similar to all finely laminated muscovite-quartz schists further up the DDH.
L	1216160	1216185		120		Moderately hard, slightly calcareous, PSI-foliated biotite-quartz-calc-silicate schist. Wet color overall dark brown. Thinly banded w/ lesser grey muscovite-quartz bands up to 1 cm thick. Pelitic quartz.
L	1216185	1217125		121		Moderately hard to moderately soft, pale grey to cream, thinly banded, muscovite-quartz schist. Metavolcanic quartz - probably buff because of thinly banded nature.
L	1217125	1217175		122		Dark brown, moderately calcareous, thinly banded, biotite-muscovite-quartz-calcite-calc-silicate schist. Pelitic quartz.

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16 20 22 24 26 28 30 34 35					
L	12775	12830		1213		Thinly banded, slightly calcareous, muscovite-quartz schist. Wet color pale grey w/ slight pale greenish tinge. S2 surfaces silvery cream muscovite. Bottom 2 feet darker, more quartzose, w/ scinting white quartz veins.
L	12830	12935		1214		Calcareous, finely banded, dark brown biotite-muscovite-quartz-calcite-calc-silicate schist. Moderately hard. Contains lesser interbands of pale grey, finely banded muscovite-quartz schist (metavolcanic). Pelite present. Proportions about 70:30 pelite:metavolcanic.
L	12935	12975		1214		Poorly banded pyritic sulphides. Fine-grained. Matrix consists of quartz, calcite, sphalerite, with lesser biotite and calcite. Also contains 1-3cm calcite chert floating in fine matrix. Chert typically associated w/ coarse grained sphalerite, galena, and minor magnetite. Immediate host on both edges/margins of sulphides is moderately hard, pale grey muscovite-quartz schist. Split core.
L	12975	13135		1215		Thinly banded, calcareous, dark brown biotite-muscovite-quartz-calc-silicate schist. Contains thin pale grey muscovite-quartz interbands. At 304-305 drilled core in a pale grey muscovite-quartz-quartzite metabasaltic half interband - appears to have lost 5' of core in this interval.

Code	From				To				Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	35				
L	13113	5	13121	0							1216			<p>Modestly soft, slightly calcareous, finely banded, pale grey, muscovite-quartz schist. Banding consists of thin quartz-rich intervals and thin intervals containing 15% disseminated pyrite. Pyritic intervals are also slightly calcareous. Marginal contacts are sharp. Contains minor pegmatitic white quartz.</p>	
L	13121	0	13121	5							1217			<p>Massive granular biotite with thin bands containing disseminated pyrite. Pyritic bands are slightly calcareous. Marginal contacts sharp parallel SL.</p>	
L	13121	5	13151	5							1218			<p>Thinly banded, pale grey, muscovite-quartz schist. Modestly soft to moderately hard. Contains minor pyritic bands. Pyrite content about 2-5%. Essentially, drilling down the compositional banding. Interval 342-345 has only 1 foot of core. Metamorphic parent = gneiss!</p>	
L	13151	5	13161	5							1219			<p>Thinly banded, brown and grey, calcareous, biotite-muscovite-quartz-calcite schist. Pelitic parent. Locally calcareous interval contains pale green hornblende. 353-363 less than 1 foot of re-drilled core.</p>	
L	13161	5	14101	0							1310			<p>Thinly banded, pale grey to cream, slightly calcareous, muscovite-quartz-calcite-pyrite schist - locally transitional to chert / quartzite. Parent metamorphic gneiss. More micaceous intervals have CS2 accumulation cleavage. Interval 394-394 has 2.5 feet re-drilled core.</p>	

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	410140	41120		1311		<p>Granular massive basite. Thinly laminated in shades of grey and pale tan. Contains minor, fine disseminated pyrite. Small calcite spots irregularly scattered through basite. Interval 410.0-410.5 is finely x-line massive pyrite w/ only very minor reddish sphalerite as interstitial grains to pyrite. 411.5-412 consists of opaque white calcite vein. Marginal contacts sharp parallel SD. Estimated grade less than 2% Pb+Zn.</p>
L	41120	41158		1312		<p>Massive pyritic sulphides. Finely x-line vague banding noted based on variations in sphalerite, basite, calcite. Minor sphalerite as interstitial grains to pyrite. Calcite disseminated in matrix. Near TST also have a few large lam-workling calcite sheets (0.5cm across). Intervals 413.3-414.4 and 415.0-415.8 are calcite/basite veins. Probably this is same vein in basite intersected at 411.5-412 as drilling along the compositional banding.</p>
L	41158	412150		1313		<p>Slightly calcareous, poorly banded pyritic massive sulphides. Dominantly pyrite with minor dark red interstitial sphalerite. Estimated grade less than 5% combined Pb+Zn. Minor basite locally also in matrix.</p>
L	412150	413100		1314		<p>Slightly calcareous, vaguely banded pyritic massive sulphides. Interstitial reddish brown sphalerite more readily visible forming sphalerite-rich bands. Magnetite occurs as small disseminated spots and streaks. This was basically a grade break from the previous unit. Estimated 7-10% (Pb+Zn)</p>

Code	From	To	Recov.	No.	Unit	Description
I	10	14 16	20 22 24	26 28 30	34 35	
L	141310 0	141313 0		1315		Pale grey, granular, thinly banded, massive barite. Contains only minor disseminated pyrite. Coarse calc. vein @ 4315 contains coarse pyrite in fractures w/ minor coarse, interstitial dark red sphalerite. Estimated grade less than 2% (Pb+Zn)
L	141313 0	141319 0		1316		Pyritic sulphides Barite 30% at TOI and gradually decreases to 0% as lower interval. Microblocky texture w/ subhedral pyrite grains in a matrix of interstitial dark red sphalerite. Small magnetite spot associated with the interstitial sphalerite. Estimated 6-7% Zn. Bottom 0.5 feet transitional to next unit with appearance of 0.5-1cm dark grey rounded quartz aggregates. Banding marked by variations in barite, sphalerite + magnetite.
L	141319 0	141515 7		1317		Diffusely banded, slightly carbonaceous locally, dark grey, hard, quartzite. Contains disseminated biotite - dark green chlorite - and minor irregularly, poorly formed, pale pink garnet. Parallel to silicate compositional banding is sulphide banding. Characterized by subhedral medium coarse pyrite. Associated with pyrite is reddish brown sphalerite, pyrrhotite, magnetite and minor chalcopyrite. Other sulphides interstitial to pyrite. Sulphide content about 30-40%. Pyritic banding makes for a very splashy appearance. Bands about 1cm thick w/ 1-2cm between bands. Estimated Zn = 5%. Pyrite grains up to 2mm across although many are same fine size as in massive sulphides. All sulphides look interstitial relative to quartz grains.

## Lithologic Log

Date: 09/26/00 Logged By: KCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
	141515.7	141613.0		1318		Grade break and textural break from previous unit. Dark grey quartzite with lesser biotite and very minor pale pink garnet locally slightly calcareous. Contains numerous pale grey quartz eyes elongate in S1 foliation. Much lesser sulphides in fine interstitial grains and aggregates wrapping around the quartz eyes. Major sulphides pyrrhotite with lesser magnetite, sphalerite and minor pyrite. Estimated grade about 3-4% Zn. Quartz eyes are up to 2mm across. Sulphides about 10%. Pyrite about 2%.
L	141613.0	141614.2		1319		Similar to Unit # 37 (439-455.7). Dramatic increase in sulphation, especially pyrite and sphalerite. Pyrite 40%. Sphalerite 20%. Would assay as a very high grade interval. Quartz is cleft in sulphide-rich matrix.
L	141614.2	151100		1410		Dark brown to brownish green, non-calcareous, biotite-dark green chlorite-quartz schist. Moderately hard. Texturally has 2mm eyes of medium to pale grey quartz or feldspar in brownish grey to dark greenish grey quartzose matrix. Contains thin bands/stingers of interstitial, fine-grained sulphides. Dominantly pyrrhotite-sphalerite-pyrite. Estimated Zn grade 2-4%. Sulphide bands generally parallel S1 compositional banding. Total Sulphides about 10% at most. Interval 484-486.5 is lighter grey, thickly bedded quartzite without the quartz/feldspar eyes. This is a fold nose. Sulphides present but no grade in this interval. Only 3.5' feet core between 502-510.

## Lithologic Log

Date: 09/26/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16 20 22 24	26 28 30 34 35				
L	151100	151180		141		Moderately hard to moderately soft, thinly bedded, very calcareous, biotite-muscovite-quartz-calcite schist. Banding on scale up to 1cm alternating dark brown biotite-calcite and pale grey muscovite bands. Biotite bands disrupted by deformation. Minor disseminated pyrite-pyrrhotite-sphalerite bands and stringers also present. PSI. Sulphides about 5%-10%. Also have flooding by coarse white quartz-purple fluorite veins. Veins only about 5-10cm in thickness. Estimated grade less than 2% Zn. Basically, I think this is a highly calcareous variant of the calc-silicate-biotite pelite schist w/ added sulphides and quartz-fluorite veins.
L	151180	151173				
L	151180	151273		142		Same basic unit as last one (#41 518-527.3) with extensive sulphides flooding as irregular, fine-grained bands and stringers. Dominant sulphides sphalerite-pyrite with lesser pyrrhotite. Total sulphides 60-90%. Pyrite forms subhedral grains near EOT. Occasional sulphides as irregular, unconsolidating, fine-grained aggregates/stringers. Estimated grade 10-15% Zn.
L	151273	151483		143		Same as Unit # 41 (510-518). No fluorite-quartz veins. Locally contains coarse calcite clasts in biotitic matrix. Possibly vein calcite which has been brecciated during deformation. Basic unit is still a very calcareous biotite pelite. Sulphides dominantly pyrite - only very minor sphalerite noted. No pyrrhotite. Total sulphides 5-10%. No grade.

Code	From	To	Recov.	No.	Unit	Description					
I	10	14	16	20	22	24	26	28	30	34	35
L	151418.3	151517.0		1414							
											Similar to Unit # 43 (527.3-548.3) but with increased pyrite-pyrrothite. Still a thinly banded, calcareous, biotite-muscovite-quartz schist. Contains large "snowflake" grey calcite crystals which are partly disaggregated. - locally giving impression of a brecciated texture. About 20-35% sulphides locally. Sulphides medium grained pyrite, pyrophyllite in fine-grained pyrothite matrix. Only minor sphalerite noted. No grade.
L	151517.0	151615.0		1415							
											Noncalcareous, hard, pale greenish grey muscovite-quartz chert/quartzite. Thinly laminated to thinly banded. Banding defined by biotite and/or sulphides. Sulphides dominantly pyrite as disseminated grains. Locally bands are reddish brown sphalerite. Total sulphides 5-10%. Zn estimate = 2-4%. Upper and lower contacts sharp. Parent presumed calcemic tuff w/ sulphide stringers(?)
L	151615.0	151816.5		1416							
											Moderately hard, locally slightly calcareous, PSt-foliated, dark green chlorite-quartz schist. Locally contains minor biotite. Chlorite as enclaving folia around quartz lenses. Contains thin sulphide stringers parallel St foliations. Sulphides as interstitial grains. Noted sphalerite-pyrite-pyrrothite. Sphalerite-rich bands commonly have epidote intergrowths with chlorite. Total sulphide about 5-10%. Estimated grade 4% Zn. Sulphide-rich bands range from 1mm thick to 1cm thick. Possibly parent was metabasite? because of abundant chlorite and overall texture. Bottom 2-3 feet has thinly banded texture with 1-5cm thick pale grey muscovite-quartz schist bands.

Code	From				To				Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	35				
L	15816	5	15917	3								1417			Similar to Units # 43 (527.3-548.3) and 44 (548.3-557.0). Banded/banded biotite-calcite bands in a gray muscovite-quartz matrix. Disseminated sulphides 5-10% consist dominantly of pyrite. Pyrite preferentially occurs within the biotite-calcite bands. Lower contact "gradational" with interbanding of next lithology unit. Estimated grade 0% Zn. At 589.5 have short interval of coarse calcite vein. Parent calc-silicate-biotite-muscovite schist w/ unpaired sulphides stringer system.
L	15917	3	16210	4								1418			Thinly banded, pale gray, moderately hard, muscovite-quartz schist transitional to chert/quartzite. Minor fine pyrite disseminated in matrix. Contains slightly irregular lenses of calcite-schistite ± biotite-quartz-pyrite. Lenses and laminae are elongate in PSI. Range up to 1cm thick. Pyrite tends to be concentrated in margins of these lenses. Actually similar to spotted chert described in 73MM-01 only. Few fine bands of laminae rather than more frequent spots. Pyrite 3% No grade.
L	16210	4	16213	9								1419			Similar to Unit # 47 (586.5-597.3). Calcaneous biotite-muscovite schist w/ minor disseminated pyrobitite. Sprinkle of coarse, x-line pyrite (local). Sulphides less than 2%. No Zn grade.
L	16213	9	16215	0								1510			Moderately soft to moderately hard, PSI-foliated, nonconformable, muscovite-quartz schist. Unit flooded w/ sulphides forming a diffuse banding. Pyrobitite dominant w/

Code	From	To	Recov.	No.	Unit	Description
I	10	14 16	20	22 24	26 28 30	34 35
L						<p>much lesser pyrite and sphalerite Pyrite is large, splashy, irregular aggregates. Dark reddish brown sphalerite in 2mm selvages around the pyrite aggregates. B. fine grained interstitial &amp; defining thin banding. Total sulphides 35-40%. No real grade.</p>
L	161215 0	161313 3		151		<p>Similar to Unit # 48 (597.3-620.4) Pale greenish gray, noncalcareous, muscovite-quartz schist. Moderately hard. Contains minor disseminated pyrite as fine grains. Chlorite forms thin streaks and lenses defining PSI. Lenses a few thin bands of reddish sphalerite parallel to SI.</p>
L	161313 3	161410 0		152		<p>Moderately hard, noncalcareous, PSI-foliated, chlorite-muscovite-quartz schist. Contains abundant sulphides as fine-grained, compositional bands crudely parallel SI foliation. Dominantly pyrrhotite and sphalerite. Pyrite forms splashy grains/aggregates up to 2mm across w/ reddish brown sphalerite selvages. Pyrrhotite + sphalerite as reddish brown, fine-grained thin bands. Total sulphides 15-30%. Grade cobaltite 5% Zn. Bottom 1' is more micaceous muscovite-quartz schist.</p>
L	161410 0	161511 5		153		<p>Thinly banded, noncalcareous to slightly calcareous, biotite-muscovite-chlorite-quartz schist. Medium to pale gray matrix with dark green chlorite and late brown biotite. Lenses locally banding, feldspar/quartz eye texture similar to Unit #40 (464.2-510). Contains thin sulphide bands as fine-grained interstitial flooding around silicates. Also crudely parallel SI. Dominantly pyrrhotite with lesser sphalerite and pyrite.</p>

## Lithologic Log

Date: 09/27/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description								
I	10	14	16	20	22	24	26	28	30	34	35			
												Pyrite tends to occur as spherule irregular aggregates with pyrrhotite-sphalerite. Margins of sulphide-rich bands are very irregular w/ "stringers" of sulphides projecting into silicate-rich bands. Locally sulphides up to 70%. D. small about 10-15%. Estimated grade about 3% Zn. Bottom contact is grade break w/ dramatic decrease in sulphides.		
L	161515	161610										154	Same as last Unit # 53 (640 - 651.5) with similar quartz/feldspar eye texture. Dramatic decrease in sulphides. Thin bands of sphalerite-pyrite spread at about 1 foot intervals. Total sulphides 5%. Grade only about 1% Zn. Parent greywacke or basic to intermediate volcanic.	
L	161610	161715											155	Similar to Units # 43 (527.3 - 548.3) and # 47 (586.5 - 597.3). Calcarenous, biotite-muscovite-quartz schist. Calcite associated with brown biotite in thin bands with muscovite-quartz, noncalcarenous, grey interbands. Locally also has 1-5 cm aggregates of coarse cream calcite "sunflakes". Banding irregular & discontinuous. Possibly deformation related or possibly original breccia. Contains thin irregular, diffuse sulphide bands. Dominantly pyrite w/ lesser sphalerite and pyrrhotite. Pyrite mainly associated with biotite-calcite bands. Total sulphides 5-10%. No real Zn grade. Sulphide bands subparallel PSI. Minor coarse white vein quartz.
L	161715	161815											156	Moderately soft, noncalcarenous, pale greenish silvery grey, muscovite-quartz schist. Too micaceous for transitional to quartzite. Contains 5% pyrite-sphalerite on disseminated spots and thin S1-parallel bands. Pyrite grains up to 1mm across.

## Lithologic Log

Date: 09/27/08 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
	161817.5	161819.5		1517		Thinly banded, slightly calcareous, moderately hard biotite-muscovite-calcite-quartz schist. Banding between dark brown biotite-calcite and pale grey muscovite-quartz. Folite calc silicate type schist. Contains 15-20% sulphides. Disseminated pyrite grains up to 1mm across. Pyrite in both types of bands but tends to be more concentrated in the biotite-calcite bands. Minor fine disseminated reddish sphalerite. No Zn grade.
L	161819.5	171011.7		1518		Interbanding of lithologies described for Unit # 56 (678.5-687.5) and # 57 (687.5-699.5). 10-20% subhedral disseminated pyrite. Pyrite associated more with biotite-calcite bands. Minor fine reddish sphalerite in thin laminae parallel SI. At 69% have greenish vein fluorite. No Zn grade.
L	171011.7	171018.0		1519		Irregularly banded, moderately hard, biotite-calcite-muscovite-quartz pelitic schist. Contains 20% sulphides. Dominantly disseminated pyrite, but also sphalerite irregular pyrochlore and reddish brown sphalerite. About 15% coarse pegmatite white vein quartz. Zn grade estimated 1-2%.
L	171018.0	171216.0		1610		Moderately hard, pale greenish grey, noncalcareous, muscovite-quartz schist transitional to quartzite. Contains 5-10% pyrite disseminated as subhedral grains up to 1mm across. Contains quartz-pyrite ± biotite ± calcite bands and streaks up to 1cm thick parallel SI foliation. Locally with biotite-calcite it begins to look like the typical calcareous "pelite". Generally however would give this unit a metavolcanic parent. No Zn grade. Pyrite forms diffuse bands and streaks subparallel SI.

## Lithologic Log

Date: 09/27/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16 20 22 24 26 28 30 34 35					
L	171260	172180		161		Dominantly coarse white granular vein quartz. Splendy pyrite and reddish brown sphalerite. Splendy white to gray calcite.
L	172180	173175		1612		Similar to Unit # 60 (702-726) Generally noncalcaneous, moderately hard, muscovite-quartz schist. Contains fine discontinuous chlorite-quartz-pyrrhotite sheets subparallel st. Disseminated pyrite as thin or smaller subhedral grains disseminated throughout matrix. No economic Zn grade. Contains occasional scattered pinkish-red garnet. Upper contact with veins quartz lower contact conformable. About 3-5% sulphides.
L	173175	174120		1613		Thinly banded biotite-calcite + muscovite-quartz pelitic schist. Pyrite generally about 2% although locally have pyritic bands with up to 30% pyrite. No economic Zn-grade.
L	174120	174170		1614		Dominantly a dark green, homogeneous, noncalcaneous, chlorite-biotite-quartz schist. Contains minor disseminated pyrite throughout as well as sparse 1cm thick pyrite-rich bands parallel st foliations. Similar to Unit # 40 (464.2-510.0) only no quartz/feldspar eyes. Possible intermediate volcanic or metabasite parent? Bottom 0.5 feet is biotite-calcite + quartz-muscovite pelitic schist.

Code	From		To		Recov.		No.		Unit		Description	
	10	14	16	20	22	24	26	28	30	34		35
L	17147	0	17157	5					1615			Similar to Unit # 62 (728-737.5) Moderately hard, thinly bedded, noncalcareous, pale greenish grey muscovite-quartz schist. Foliation surfaces are siliceous, pale green & very micaceous. Contains thin streaks of discontinuous bands of dark green chlorite with disseminated pyrochloite. Minor thin reddish sphalerite bands parallel foliation. Sphalerite pyrite aggregates up to 1cm thick commonly have interstitial reddish brown sphalerite. Sulfidation 10% Zn grade 2-4%. Bottoms of internal marks end of split core.
L	17157	5	17172	0					1616			Coarse pegmatitic white quartz veins. Sphalerite pyrite fills fractures. Interbeds consist of hard, silicified brown chlorite-sphalerite and pale grey muscovite-quartz schist. Banding between interbeds and vein quartz on a 10 cm - 20 cm scale.
L	17172	0	17176	5					1617			Pale grey, hard, noncalcareous quartzite. Homogeneous. Contains minor fine muscovite. Contains 15-20% sulfidation. This includes disseminated fine pyrite and thin 1cm-3cm thick compositional bands of pyrite + reddish sphalerite. Sphalerite interstitial to subbedded pyrite grains. Sphalerite-pyrite bands are slightly to moderately calcareous. Estimated Zn grade about 5-7%. Bands generally subparallel. Sl. lower contact gradational. Looks like silicified and "pyritized" version of next unit.

## Lithologic Log

Date: 09/27/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16	20 22 24 26 28 30 34 35				
	1717165	1719125		1618		Moderately soft, noncalcareous, homogeneous muscovite-quartz-pyrite schist. Pyrite forms thin lenses and streaks within micaceous matrix. Contains 5-10% disseminated sulphides. Dominantly pyrite with minor pyrrhotite and sphalerite. Sulphides locally form compositional bands parallel st. Zn grade less than 3%. Looks like felsic volcanic parent rock.
L	1719125	1719165		1619		Nearly massive sulphides. Dominantly pyrite. Contains interstitial sphalerite locally slightly calcareous with interstitial calcite. 1-5 cm banding - diffuse based on variations in calcite content and sphalerite content. Pyrite grains up to 2mm across. Estimated grade 2-5% Zn.
L	1719165	1810110		1710		About 50% sulphides as 1-5cm diffuse bands in host rock. Sulphides pyrite-pyrrhotite-sphalerite. Pyrite as disseminated grains. Sphalerite interstitial. Pyrrhotite as sparsely interstitial grains aggregated. Top 2.5 feet country rock is pale grey, noncalcareous, muscovite-quartz schist. Bottom 2.5 feet is dark green, slightly calcareous, chlorite-quartz schist. Estimated Zn grade 6%.
	1810110	1810165		1711		Moderately hard to moderately soft, pale grey, noncalcareous, muscovite-quartz schist with 1-2cm pyrite-sphalerite sulphide compositional bands parallel st. Sulphides 10-25%. Estimated Zn grade about 3%. Amount of sulphides increases as go down DDH.

Code	From		To		Recov.		No.		Unit		Description	
	10	14	16	20	22	24	26	28	30	34		35
L	1810	165	1811	130					1712			Hard, calcareous, finely banded biotite-calcite-muscovite-quartz quartzite Pelitic but more siliceous than typical pelitic schist. Only very minor disseminated sulphides - dominantly pyrrhotite as fine grains.
L	1811	130	1813	120					1713			Pale grey, moderately hard to moderately soft, noncalcareous, muscovite-quartz schist transitional to quartzite. Contains minor sulphides 1-5% disseminated in matrix. Dominantly quartz. Locally pyrrhotite forms thin bands parallel S1.
												Problem - interval 822-824.5 not split & does not exactly correspond to net logs. Probably jumped core from some other location. Folitic volcanic parent.
L	1813	120	1813	140					1714			Same as Unit # 73 (813-832) only not split. Definitely more calcareous so schist and not quartzite. Folitic volcanic parent rock.
L	1813	140	1814	156					1715			Very hard, finely vlline, medium grey, moderately calcareous chert/quartzite. Typically has faint brownish tinge from biotite. Medium green calc silicates form thin streaks parallel S1. Calcite banding also parallel S1 foliations. Fine disseminated pyrrhotite forms thin laminae and streaks parallel S1.

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16	20 22 24	26 28 30	34 35		
L	1814156	181515		1716		Very hard, finely x-line, slightly calcareous, biotite-calc silicate chert / quartzite. Brownish tinge from metamorphic biotite Calc silicate medium green hornblende lenses elongate in S1 foliation. Typically hornblende lens-les white selvage. No sulphides
L	181515	181672		1717		Homogeneous, finely x-line pale to medium grey, generally non-calcareous chert / quartzite. Faint brownish tinge from metamorphic biotite. Scattered minor spots / lenses of white-calc silicate in chert. Crosscutting white quartz veins. Minor pyrite (less than 1%) infilling fractures
L	181672	1817100		1718		Dark grey, hard, non-calcareous, moderately carbonaceous chert / quartzite. Homogeneous. Trace amounts of white lenses generally associated with crosscutting fractures. No sulphides
						F O H

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14 16 20 22 26 28 30 32 34 36						
	1 687	1 7164	4115166	177	185	1 1 1 1	
	1 810	1 8164	4115167	154	146	1 1 1 1	
	1 12135	1 12145	4115168	110	110	1 1 1 1	
	1 12145	1 12177	4115169	132	127	1 1 1 1	previously split
	1 2935	1 29170	4115170	135	135	1 1 1 1	previously split
	1 31135	1 31210	4115171	165	166	1 1 1 1	
	1 32100	1 32115	4115172	115	117	1 1 1 1	
	1 4040	1 41120	4115173	180	165	1 1 1 1	previously split from 405.0-412.0
	1 41120	1 41158	4115174	138	141	1 1 1 1	
	1 41158	1 42150	4115175	192	1107	1 1 1 1	
	1 42150	1 43100	4115176	150	165	1 1 1 1	
	1 43100	1 43130	4115177	130	130	1 1 1 1	
	1 43130	1 43190	4115178	160	153	1 1 1 1	
	1 43190	1 44180	4115179	190	198	1 1 1 1	
	1 44180	1 45157	4115180	177	186	1 1 1 1	
	1 45157	1 46130	4115181	163	180	1 1 1 1	
	1 46130	1 46142	4115182	112	111	1 1 1 1	
	1 46142	1 47140	4115183	198	1104	1 1 1 1	
	1 47140	1 48140	4115184	1100	1120	1 1 1 1	
	1 48140	1 49140	4115185	1100	1169	1 1 1 1	
	1 49140	1 50120	4115186	180	180	1 1 1 1	previously split
	1 50120	1 51100	4115187	180	134	1 1 1 1	
	1 51100	1 51180	4115188	180	1100	1 1 1 1	
	1 51180	1 52173	4115189	193	193	1 1 1 1	
	1 52173	1 53180	4115190	1107	1102	1 1 1 1	
	1 53180	1 54183	4115191	1103	1111	1 1 1 1	
	1 54183	1 55170	4115192	187	193	1 1 1 1	
	1 55170	1 56150	4115193	180	199	1 1 1 1	
	1 56150	1 57150	4115194	1100	1108	1 1 1 1	
	1 57150	1 58165	4115195	1115	1122	1 1 1 1	
	1 58165	1 59173	4115196	1108	1116	1 1 1 1	

DDH 7.6.M.M.-0.2

CURRAGH RESOURCES INC.

Page \_\_\_\_\_ of \_\_\_\_\_

Logged by LCP

## ASSAY LOG (SAMPLER'S COPY)

Date 09/26/88 Sampled by CH

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
	1519	73	1610	50	4115	917	177	175	111	11			
	1610	50	1611	30	4115	918	180	180	111	11			
	1611	30	1612	04	4115	919	174	180	111	11			
	1612	04	1612	39	4116	010	135	135	111	11			
	1612	39	1612	50	4116	011	111	121	111	11			
	1612	50	1613	33	4116	012	183	180	111	11			
	1613	33	1614	10	4116	013	167	173	111	11			
	1614	10	1615	15	4116	014	111	113	111	11			
	1615	15	1616	10	4116	015	195	193	111	11			
	1616	10	1617	10	4116	016	110	110	111	11			
	1617	10	1617	85	4116	017	175	179	111	11			
	1617	85	1618	75	4116	018	190	199	111	11			
	1618	75	1618	95	4116	019	120	118	111	11			
	1618	95	1619	50	4116	110	155	148	111	11			
	1619	50	1710	17	4116	111	167	171	111	11			
	1710	17	1710	80	4116	112	163	168	111	11			
	1710	80	1711	70	4116	113	190	195	111	11			
	1711	70	1712	60	4116	114	190	194	111	11			
	1712	60	1712	80	4116	115	120	120	111	11			
	1712	80	1713	75	4116	116	195	198	111	11			
	1713	75	1714	20	4116	117	145	148	111	11			
	1714	20	1714	70	4116	118	150	150	111	11			
	1714	70	1715	75	4116	119	110	174	111	11			
	1715	75											
	1717	120	1717	65	4116	210	145	145	111	11			
	1717	65	1718	60	4116	211	195	199	111	11			
	1718	60	1719	25	4116	212	165	173	111	11			
	1719	25	1719	65	4116	213	140	146	111	11			
	1719	65	1810	10	4116	214	145	146	111	11			
	1810	10	1810	65	4116	215	155	159	111	11			
	1810	65	1811	30	4116	216	165	180	111	11			
	1811	30	1812	20	4116	217	190	161	111	11			
	1812	20	1812	45	4116	218	125	125	111	11			
	1812	45	1813	20	4116	219	175	173	111	11			

previously split

records show split - are not split previously split

E04

76 MM 03

DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: 76 MM-03

Reference Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

Terr. Plane  
Co-ords.: 22, 367, 971.7 N

409, 897.9 E

Grid  
Co-ords: \_\_\_\_\_

Elevation: 5534.1

All symmetry determinations looking

Total Depth: 927 feet

\_\_\_\_\_ with \_\_\_\_\_ dipping

Inclination: -45° in direction 230°

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole  
Terminated: \_\_\_\_\_

Logged by: L. C. Pigage

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: \_\_\_\_\_



# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 03

PROPERTY \_\_\_\_\_ MM \_\_\_\_\_

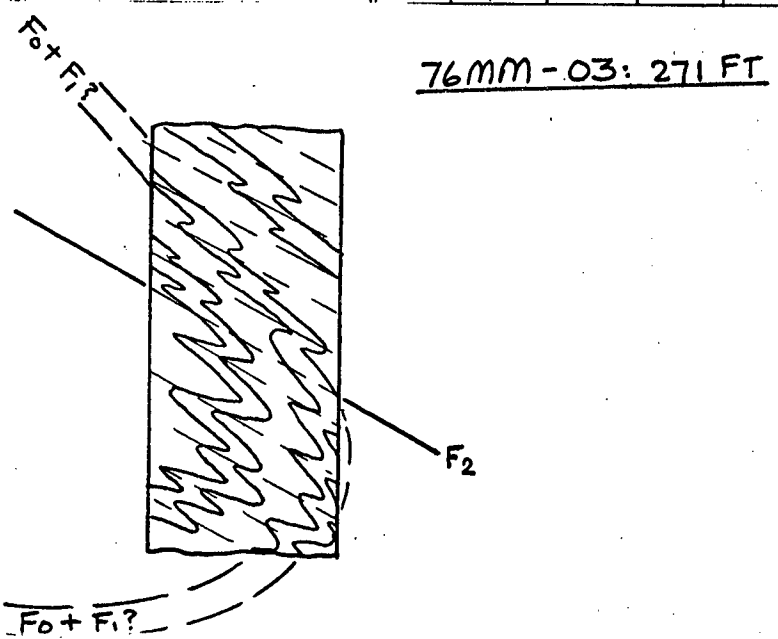
SHEET NUMBER 2 SECTION FROM 197 TO 427 STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING 230° ULTIMATE DEPTH 927

ELEVATION 5534 DIP -45° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
197	427	Dark grey green biotite-chlorite-quartz schist.												
		F <sub>2</sub> 60°/axis at 271 ft. 74°/axis at 242 ft.												
		66°/axis at 410 ft.												



# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 03

PROPERTY MM

SHEET NUMBER 3

SECTION FROM 427 TO 616

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING 230°

ULTIMATE DEPTH 927

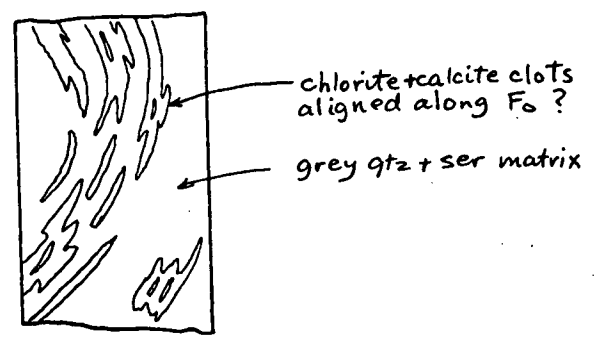
ELEVATION 5534

DIP -45°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
427	461	Quartz-sericite-pyrite schist (metarhyolite unit) F <sub>2</sub> 68°/axis at 439 ft.												
461	555	Quartz sericite-chlorite-biotite schist (transitional between schist and metarhyolite units) F <sub>2</sub> 57°/axis at 496, F <sub>2</sub> 45°/axis at 548ft.												
555	594	Medium to dark grey quartz sericite schist.												
594	616	Quartz sericite schist with abundant chlorite as irregular blobs crudely conformable to bedding or F <sub>1</sub> .												

76MM 03: 598 FT



# DIAMOND DRILL RECORD,

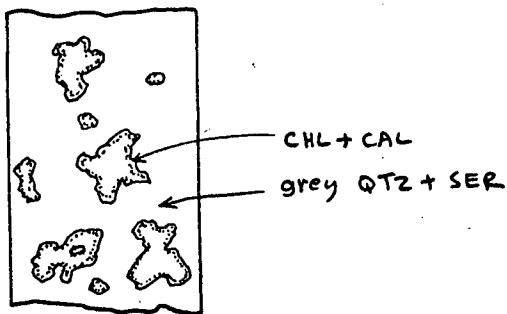
HOLE NO. 76 MM - 03

PROPERTY MM

SHEET NUMBER 4 SECTION FROM 616 TO 720 STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING 238° ULTIMATE DEPTH 927  
 ELEVATION 5534 DIP -45° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS				
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.	
616	680	Chlorite-sericite-biotite-quartz schist. F <sub>2</sub> 78°/axis at 617.													
680	708	Grey quartz-sericite-chlorite-pyrite schist.													
708	720	"Leopard spotted" chert-- chlorite-calcite blobs irregular and not conformable to bedding or F <sub>1</sub> .													

76 MM - 03: 711 FT





CURRAGH RESOURCES INC.

DDH 7.6.M.M. - 0.3  
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	7.6.M.M. - 0.3					

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8	10 14 22	26 28 32 34	56	
R	7.6.M.M. - 0.3	100	-4.5°	213.0°	A.T. COLLAR
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

No CORE for SPLITTING

CURRAGH RESOURCES INC.

DDH J.6.M.M.-0.3

2 8

Lithologic Log

Date: 09/24/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24 26 28 30 34 35				
						NB - Notes & log for interval 428-754 (boxes 19-32) Rest of DDH not saved. This log substantially revised from original log
L	100	14218		1		Check original log - no core / no core boxes
L	142180	143140		2		Hard, thinly banded, slightly calcareous biotite - calc silicate schist. Wet colour is dark purplish brown. Banded dominantly between dark brown and pale grey. Proportions 70:30 brown to grey. Also contains thin discontinuous dark green hornblende streaks parallel S1 and S2 foliations. Hornblende commonly has thin white calcite selvage. S2 surfaces are dark purplish brown. P51 and C52 foliated. Compositional banding parallel S1. Breaks most commonly on S2. Contains coarse pegmatitic white feldspar-quartz-hornblende-calcite veins / streaks. These are up to 20cm thick. Lower contact gradational and interbanded.
L	143140	144195		3		Mixed unit about 50:50 w/ new lithology gradually increasing downward. One lithology is dark brown biotite-calc silicate schist described above (428-434). Interbanded with it is hard, pale to medium greenish grey, slightly calcareous, P52-foliated, muscovite-chlorite-quartz schist. S2 surfaces are pale silvery green. Thinly laminated to banded but banding discontinuous. Does contain laminae and thin bands of dark grey carbonaceous chert / quartzite.

Code	From	To	Recov.	No.	Unit	Description
I	10	14 16	20 22 24	26 28 30	34 35	
L	14149 5	14154 2		14		Noncalcareous to very slightly calcareous, thinly banded, hard, muscovite-quartz schist transitional to chert/quartzite. Wet colour is medium grey. Thinly bent diffusely banded parallel sl. Contains very minor thin pyrite streaks parallel sl. Breaks on sl and S2 surfaces / S2 is pale micaceous, greenish silver locally contains very minor calcite as small spots. Presumed parent rock is felsic metavolcanic
L	14154 2	14157 6		15		Fine grained, homogeneous, very dark grey, noncalcareous chert/quartzite. Upper and lower contacts are sharp. Contains numerous <math>1\text{cm}</math> or less white quartz veins. Qtz veins associated w/ minor pyrite. Unit is a homogeneous, fine-grained, carbonaceous chert/quartzite. Upper and lower contacts are sharp
L	14157 6	14161 6		16		Pale grey, thinly banded, hard, muscovite-quartz schist transitional to chert/quartzite. Uppermost part of interval noncalcareous; gradually becomes calcareous as go down DDH. Similar to Unit # 4 above (449.5-454.2). Near bottom of interval has gradual transition to black carbonaceous, thinly banded, calcareous chert/quartzite. Carbonaceous fine last 1.0 foot. Texturally is same rock only it is dark grey rather than pale grey. Upper and lower contacts are sharp.

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
L	1416116	1419175		17		Hard, noncalcareous to locally slightly calcareous, thinly banded biotite-quartz- calc-silicate schist transitional to quartzite. Wet columns show thin banding between dark brown biotite-quartz and dark green to apple green hornblende ± epidote ± calcite. Banding generally on 1-3 cm scale with some 0.5 m scale calc-silicate rich intervals. Partings near dark grey moderately carbonaceous. Pelitic unit - probably massive shales. Similar to Unit # 2 (428-434).
L	1419175	1512105		18		Similar to last unit # 7 (461.6-497.5) only contains ~ 35-40% coarsely silice feldspar-quartz-epidote-hornblende pegmatitic veins/lenses up to 30 cm thick. Matrix feldspar-quartz with irregular, interstitial magies. Locally magies associated with minor calcite. Surrounding schist/ quartz typically dark grey-brown as it is slightly to moderately carbonaceous.
L	1512105	1515177		19		Moderately hard, generally noncalcareous, thinly banded biotite-quartz-chlorite- hornblende schist. Thinly banded in shades of brown (biotite-rich), grey (slightly to moderately carbonaceous), medium green (hornblende-epidote) and pale grey (chlorite-muscovite?). Overall a mixed unit indicating a pelitic parent with lesser amounts of calc-silicate (i.e. calcareous) material. Banding conformable with P51 and forms small folds defining S2. Tends to break dominantly on S2.

Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	151575	159150		110		Hard, dark grey, thinly banded to homogeneous, generally noncalcareous, finely xlline chert/quartzite. Locally slightly calcareous. Characterized by micro breccia texture w/ grey qtz infilling fractures subparallel sl. This could be totally deformational or it could be indicative of earlier ribbon banding. Contains intervals of pale brown and green, thinly banded biotite-quartz-hornblende-epidote calc silicate. Pyrite and pyrrhotite occur only in trace amounts. Parent rock was a carbonaceous chert - probably massive but possibly locally ribbon-banded.
L	159150	161145		111		Slightly calcareous, CSD-foliated, thinly banded biotite-muscovite-chlorite-hornblende-calcite calc silicate schist. Moderately soft to moderately hard. Wet colour is thinly banded dark to medium brown (biotite) and pale to medium greenish grey (muscovite-chlorite). Unit characterized by distinctive 10-20 cm zones of dark green hornblende. Hornblende forms irregular streaks parallel sl. Typically hornblende contains minor calcite and is rimmed by 1-2mm selvage of white quartz?-follon?. This gives a distinctive striped appearance to unit.
L	161145	161920		112		Moderately hard, generally noncalcareous, thinly banded biotite-muscovite-chlorite-quartz calc silicate schist. Thinly banded between dark brown (biotite-quartz) and softer, pale to medium grey (muscovite-chlorite). Contains <u>Tecoma River</u> hornblende ± epidote ± calcite bands. Banding defines PSI and is folded to form CSD. Unit not carbonaceous. Lower contact into next unit very gradual with interbanding and could probably be placed in a 10-15 foot interval.

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16 20 22 24 26 28 30 34 35					
L	169120	171220		113		Hard, slightly calcareous, homogeneous, spotted, finely x-line chert/quartzite. Wet colour varies from medium grey to dark grey (slightly carbonaceous). Locally some lenses of brown from metamorphic biotite are present. Contains irregular spots and lenses of epidote-hornblende ± calcite. These are apple green to medium green. They are elongate in plane of foliation. Size ranges from a few mm up to 1cm across and 2-3 cm long. This texture and lithology is probably higher metamorphic grade equivalent of spotted chert noted near top of DDH 73MM-01.
L	171220	171310	3	114		Thinly laminated, slightly calcareous, biotite-hornblende? quartz chert/quartzite. Wet colour is dark brown with thin medium green hornblende-rich bands and laminae. Probably 1% disseminated pyrite and pyrrhotite. Similar to thinly laminated muscovite-quartz chert at top of 73MM-01 ONLY this unit has too much biotite to be a higher metamorphic grade equivalent. Laminae define S1/breaks are S2.
L	171310	171514	0	115		Same as Unit # 13 (692-722). Irregular epidote ± hornblende ± calcite spots are generally elongate in S1 foliations. Wet colour is medium grey to medium dark grey. Breaks are S2 surfaces. S2 tends to be dark carbonaceous/micaceous. Lowermost 5 feet is slightly bleached to pale grey/cream, and therefore is probably slightly altered.
						— No MORE CORE —

76 MM 04



## DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 04

PROPERTY \_\_\_\_\_ MM \_\_\_\_\_

SHEET NUMBER 1 \_\_\_\_\_

SECTION FROM 0 TO 51.5 \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING 210° \_\_\_\_\_

ULTIMATE DEPTH 427 \_\_\_\_\_

ELEVATION 5585 \_\_\_\_\_

DIP -12° \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

Notes by KCP  
Sept 24/1988

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0	8	Overburden.												
8	18	Weathered and broken sericite schist, rust stained.												
18	29	Quartz-biotite-sericite schist, well banded in light and dark grey. F <sub>0</sub> banding at 30°/axis of core.												
29	37	White, incompetent sericite schist. F <sub>0</sub> , F <sub>1</sub> and F <sub>2</sub> at variable but acute angle to core axis.												
37	42	Abrupt contact to massive sulfide with 80% oyrite in baritic matrix. A few % of spalerite and galena. Crude banding approximately parallel to core axis.	1885	37-42	1.35	0.12	3.43	7109						
42	43	Massive sugary barite with 10% pyrite and approx. 1% lead and zinc.	1886	42-47	0.21	0.02	0.35	0.71						
43	47	Pyritic quartz sericite schist with traces of biotite and chlorite. Mineral banding approximately parallel to axis.												
47	51.5	Massive pyrite with no visible base metal sulfides.	1887	47-52	1.18	0.04	1.66	7.67						

Thin compositional bands within pyritic S<sup>5</sup> are slightly to moderately calcareous

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 04

PROPERTY MM

SHEET NUMBER 2

SECTION FROM 51.5 TO 65

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING 210°

ULTIMATE DEPTH 427

ELEVATION 5585

DIP -12°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
51.5	57	Grey pyritic chert. Pyrite decreases downward from												
		10% to 2%. Banding at low angle to axis.	1888	52-57	0.09	0.02	0.04	0.44						
57	61.5	Massive pyrite with clots of secondary calcite and												
		coarse grained galena near bottom of interval.	1889	57-62	0.41	0.07	0.40	2.35						
		Traces of sphalerite and galena - approximately												
		5% at bottom of interval decreasing to approximately												
		1% at top. Sulfide banding at low angle to axis												
		of core.												
61.5	65	Banded pyritic chert with bands at 20° /axis of												
		core. Rare clots of sphalerite.	1890	62-66.5	0.01	0.02	0.02	0.65						

*Calciferous*

*Calcite also disseminated in matrix*







DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: 76MM-04

Reference Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

Terr. Plane  
Co-ords.: 22,367,800.6 N

410,183.6 E

Grid  
Co-ords: \_\_\_\_\_

Elevation: 5585.4

All symmetry determinations looking

Total Depth: 427 feet

\_\_\_\_\_ with \_\_\_\_\_ dipping

Inclination: -12° in direction 210°

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole  
Terminated: \_\_\_\_\_

Logged by: L. C. Pigage

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 1.6MM-0.4  
2 8CURRAGH RESOURCES INC.  
Lithologic LogPage 3Date: 09/24/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24		26 28 30 34 35			
						NOTES only - To be added to original field log
L	100	180		11	#1	Overburden
L	180	1180		12		Unit OK as described
L	1180	1290		13		Banding on scale 1 cm generally. Dark brown biotite bands contains thin calcareous bands within them. No calc-silicates readily visible.
L	1290	1370		14		Moderately soft muscovite-quartz-calcite schist. Thinly banded as in last unit only in shades of light and dark gray. Also contains thin calcite bands. Perhaps this is an altered or bleached version of the previous schist.
L	1370	14120		15		Sulphides contain disseminated, fine calcite. Also has the occasional larger (up to 1cm) calcite clast in the sulphide matrix.
L	14120	1413		16		Minor disseminated fine calcite in matrix + local calcite clasts veins
L	14130	14170		17		locally slightly to moderately calcareous. Calcite infills cleavage stripes and late xcutting fractures/veins

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30
L	1470	1515						18			Thin compositional bands within pyritic sulphides are slightly to moderately calcareous. Sphalerite interstitial within pyrite grains
L	1515	1570						19			Calcareous
	1570	1615						110			Calcite also disseminated in matrix
L	1615	1650						111			Split core. Pale grey, finely x-line quartzite/chert. Thinly banded to thickly laminated w/ variations in fine disseminated pyrite grains defining the bands. Pyritic bands only 1-3 mm thick. Pyrite content 1-2%
L	1650	1685						112			Same as last unit only core not split. Unit hard, non-calcareous, lower contact gradational with decrease in pyrite and increase in biotite and calcite. (Core split to 66.5 - Oct 15/00)
L	1685	1718.5						113			Moderately hard to hard, PSI-foliated, non-calcareous, brownish grey, biotite-quartz chert/quartzite. Thinly banded parallel sl with variations in biotite content. Minor fine calcite infills s2 cleavage plane and late fractures. Upper contact gradational and lower contact sharp.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
	17185	19135		114		Similar to Units # 11 (61.5-65) and # 12 (65-68.5). Noncalcareous, thinly banded, medium grey quartzite/schist. Bands initially (top of interval) defined by variations in grey colour and disseminated pyrite content. As go down DDH pyrite content disappears. Variations defined only by grey colour changes. This banding becomes more diffuse as go lower DDH.
L	19135	11340		115		Hard, medium to pale grey, homogeneous, finely siliceous chert/quartzite. Diffuse mottling / locally this has a very definite microbreccia aspect w/ chert clasts only slightly separated from each other. Locally develops spotted texture w/ 1mm - 2cm, irregular calcite clasts rimmed by a thin selvage of dark pyrite host 1 foot before next unit contains thin laminae defined by biotite (?). Calcite also in scintillating fractures / veins.
L	113140	116101		116		Thinly banded, moderately hard, calcareous, biotite-quartz-calc-silicate-calcite schist. Brown colour when wet. Calc-silicates in thin calcareous bands of dominantly dark green hornblende. NO MORE CORE BOXES
						This sequence of cherts and calcareous schist reminds me very much of sequence noted in DDH 73MM-01. If equivalent Ross 73MM-01 was collared just below mineralization. If 73MM-01 symmetrical due to fold - it also was stopped too soon (i.e. before same horizon was tested again)

DDH 76.M.M.-04  
2 8

CURRAGH RESOURCES INC.

Page \_\_\_\_\_ of \_\_\_\_\_

Logged by KCP

ASSAY LOG (SAMPLER'S COPY)

Date Sept 24/88 Sampled by ctd

CODE	FROM		TO		SAMPLE	INTR.				REC (m)		UNIT		DESCRIPTION											
	10	14	16	20		22	26	28	30	32	34	36	40		42										
P	1	13	7	0	1	14	2	0	4	1	6	3	1	0	1	5	0	1	1	1	1				
P	1	14	2	0	1	14	3	0	4	1	6	3	1	1	0	1	1	4	1	1	1				
P	1	14	3	0	1	14	7	0	4	1	6	3	2	1	4	0	1	4	8	1	1	1			
P	1	14	7	0	1	15	1	5	4	1	6	3	3	1	1	4	5	1	4	6	1	1	1		
P	1	15	1	5	1	15	7	0	4	1	6	3	4	1	1	5	5	1	5	5	1	1	1		
	1	15	7	0	1	16	1	5	4	1	6	3	5	1	1	4	5	1	4	3	1	1	1		
	1	16	1	5	1	16	5	0	4	1	6	3	6	1	1	3	5	1	3	5	1	1	1		
	1	16	5	0	1	16	8	5	4	1	6	3	7	1	1	3	5	1	3	7	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	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	1	1	1	1	1	1	1	1		
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	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
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	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
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	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	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	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	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	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	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	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	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	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	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	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		

*END*

76 MM 05

DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: 76 MM-05

Reference Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

Terr. Plane  
Co-ords.: 22, 367, 800.6 N

410, 183.6 E

Grid  
Co-ords: \_\_\_\_\_

Elevation: 5585.4

All symmetry determinations looking

Total Depth: 700 feet

\_\_\_\_\_ with \_\_\_\_\_ dipping

Inclination: -60° in direction 165°

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole  
Terminated: \_\_\_\_\_

Logged by: L. C. Pigage

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: \_\_\_\_\_



# DIAMOND DRILL RECORD,

HOLE NO. 76 MM -05

PROPERTY MM

SHEET NUMBER 2

SECTION FROM 152 TO 195

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING 165°

ULTIMATE DEPTH 700

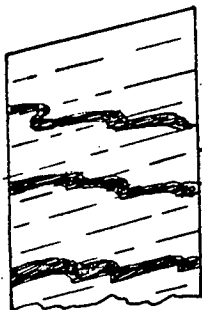
ELEVATION 5585

DIP -60°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
152	195	Crudely banded chlorite- biotite-quartz schist												
		$F_0$ 90° /axis and $F_2$ 75°/axis at 193 ft.												

76MM-05 : 193 FT



$F_2$  ax pl cleavage

$F_0$  mineral banding  
=  $F_1$  ?

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 05

PROPERTY MM

SHEET NUMBER 3

SECTION FROM 195 TO 513

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING 165°

ULTIMATE DEPTH 700

ELEVATION 5585

DIP -60°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
195	258	Grad. contact across 5 ft. into quartz feldspar rock with minor chlorite and biotite. Grey, massive, and weakly brecciated throughout. Weak pyrite veining at 210 ft to 212 ft.												
258	298	With increasing mafic content, above grades downward into biotite-chlorite-quartz schist.												
298	380	Biotite-chlorite-quartz schist as at 100 ft. F <sub>1</sub> 80°/axis. F <sub>2</sub> 75°/axis where distinguishable in fold noses.												
380	508	Alternating bands of grey chert - sometimes leopard spotted, sometimes not - and dark mafic rich chlorite-biotite-quartz † garnet schist.												
508	513	Grey quartz -(feldspar?) rock with pyrite and biotite in discreet bands.	3738	510-515	TR	0.01	TR	0.28						

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 05

PROPERTY MM

SHEET NUMBER 4  
 LATITUDE \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_  
 ELEVATION 5585

SECTION FROM 513 TO 700  
 DATUM \_\_\_\_\_  
 BEARING 165°  
 DIP -60°

STARTED \_\_\_\_\_  
 COMPLETED \_\_\_\_\_  
 ULTIMATE DEPTH 700  
 PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
513	530	As above but has traces of orange sphalerite in pyrite bands.	3739	515-520	0.03	0.03	TR	0.83						
			3740	520-525	TR	0.04	TR	0.88						
			3741	525-530	TR	0.02	TR	0.70						
530	542	As above but less pyrite and no visible sphalerite. F <sub>0</sub> 85° /axis at 528.												
542	544	Mafic rich band with approximately 10% pyrite and pyrrhotite. Pyrite > pyrrhotite. F <sub>0</sub> 45° / axis at 543.												
544	578	Chert as at 513→530, with 1 to 4% pyrite and pyrrhotite and rare traces of sphalerite.												
578	700	Gradational contact across a few feet with decreasing grey chert and increasing mafics. Rock from 578 to bottom of hole at 700 is quartz (Feldspar?) chlorite-biotite-actinolite schist with 1 to 5% pyrite and pyrrhotite (no py). F <sub>0</sub> 75° /axis at 699 F <sub>2</sub> 70° /axis at 580 .												

END OF HOLE.

CURRAGH RESOURCES INC.

DDH 7.6 M.M. - 0.5  
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	7.6 M.M. - 0.5					

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8 10 14 22 26 28 32 34 56				
R	7.6 M.M. - 0.5	100	76.0	165.0	AT COLLAR
R					
R					
R					
R					
R					
R					
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R					
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R					

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

## Lithologic Log

Date: 05/15/89 Logged By: LCP

FEET

Code	From	To	Recov.	No.	Unit	Description	
	10	14	16	20	22 24 26 28 30	34 35	
L	100	130			11	#	Truncated - no recovery / Overburden
L	130	14620			12	#	No CORE CORE remained on MM property - was destroyed. Stk. w/ box 21
L	14620	14880			13		Interbanding on 1'-5' scale of 2 rock types. Dominant lithology is pale grey, moderately hard, quartz-calcite gneiss / cleat. Fine-grained. No sericite present. Brown surfaces are irregular quartz grey. Calcite in thin streaks and bands. Moderately calcareous. Contains fine disseminated pyrite and minor reddish sphalerite. Locally contains thin streaks and laminae of dark brown biotite. Parent felsic volcanic tuff? $S = < 2\%$ Interbanded with this is dark green, chlorite-calcite-quartz-garnet + biotite schist. Moderately soft to moderately hard. Garnet from pale pink snowflake slightly elongate in dominant foliation. Biotite locally gives dark brown color (wet) to wet surface. Presumed metabasic quartz (?) or else meta-sediment (?). Dominant foliation is S1 at about $10-30^\circ$ to core axis. S2 as discontinuous cleavage and fold axes $60-80^\circ$ to core axis.
L	14880	151080			14		Essentially same as felsic unit described above (462-488). Thinly banded, moderately hard, moderately calcareous, PSI-foliated quartz-biotite-calcite-muscovite-cleat / quartzite. Color wet varies from pale grey to brownish grey based on biotite content. Local inclusions in biotite and muscovite. Pyrite and sphalerite disseminated as fine grains in thin streaks and laminae. $S = < 2\%$

## Lithologic Log

Date: Oct 15/88 Logged By: KCP

Code	From	To	Recov.	No.	Unit	Description
I	10	14 16	20	22 24	26 28 30	34 35
L	15180	15310	0		15	
						Same as last Unit # 4 (488-508) only.
						1) split core
						2) increased S = > 2% and < 5% $\frac{1}{2}$
						economic Zn grade
						3) locally contains coarse, white, bull quartz vein material
						Parent presumed felsic buff thinly banded Sulphides dominantly parallel S1 but locally one fracture parallel S2.
L	15310	15618	0		16	
						Same as Unit # 4 (488-508) Sulphides as thin, irregular stringers which are subparallel and help define P.S1. Calcite as thin discontinuous streaks parallel S1. Thinly banded / banding varies from well defined to poorly defined S = about 5% however, contact gradational with some interbanding.
L	15618	15719	0		17	
						Similar to last Unit # 6 (530-568) thinly banded, moderately hard, slightly calcareous, P.S1-foliated quartz-calcite-biotite quartzite / schist. Overall colour (wet) is medium grey w/ brownish tinge. Internal has granular texture of the fine disseminated metamorphic biotite. Minor quartz-pyroxene disseminated in thin streaks and laminae.
L	15719	16012.5	0		18	
						No core - box # 26 is missing

Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	161025	16165		19		Thinly banded, moderately hard, non-schistose, biotite-quartz-garnet ± chlorite schist. Colour (wet) is brownish grey. Biotite generally occurs in thin streaks and laminae - locally it forms disseminated porphyroblasts in schistose matrix. Garnet occurs locally as small pale pink specks. Sphalerite disseminated in thin bands and streaks - dominantly fine-grained. Chlorite content gradually increases as down D.D.H. Interval is metapelitic. Gradual transition occurs D.D.H. to metamorphosed intermediate to basic volcanic. Also increase in schistosity at 613' base green vein fluarite
L	16165	161890		110		Moderately hard, vaguely banded, non-schistose, dark green chlorite-schistosity - quartz ± garnet ± biotite schist to amphibolite. Minor small pale pink garnet occurs locally. Biotite occurs as <sup>small</sup> thin disseminated grains locally. Disseminated pyrite ± 1% generally. Parent was metamorphosed intermediate to basic volcanic (?) Fine-grained so probably not intrusive
L	161890	161910		111		Thinly banded, moderately hard, brownish grey, non-schistose, biotite-quartz-garnet-pyrite schist transitional to quartzite. Biotite forms thin streaks following P.S1. Pyrite 5% as disseminated grains. As go down D.D.H. biotite forms layers, scattered porphyroblasts. Probably metapelitic to pelitic / argillaceous quartzite
	161910	17000		112		

Essentially the same as Unit #10 (6665-689)

EOH



76 MM 06

DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: 76 MM-06

Reference Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

Terr. Plane  
Co-ords.: 22, 368, 106.7 N

409, 456.4 E

Grid  
Co-ords: \_\_\_\_\_

Elevation: 5800.3

All symmetry determinations looking

Total Depth: 1048 feet

\_\_\_\_\_ with \_\_\_\_\_ dipping

Inclination: -60° in Direction 140°

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole  
Terminated: \_\_\_\_\_

Logged by: L. C. Pigase

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: \_\_\_\_\_

# DIAMOND DRILL RECORD,

## HOLE NO.

76 MM - 06

PROPERTY

MM

SHEET NUMBER 1

SECTION FROM 0 TO 488

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING 140°

ULTIMATE DEPTH 1048 ft.

ELEVATION 5800

DIP -60°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0	20	Overburden.												
20	71	Slightly weathered quartz-sericite-chlorite schist with rare garnets. F <sub>2</sub> /55°/axis at 27												
71	143	Darker and more garnet rich (>5%) quartz-biotite-chlorite-sericite schist. F <sub>0</sub> usually at approx. 60°/axis but wrapped around F <sub>2</sub> noses at 80, 123, and 136.												
143	358	Very fine grained dark grey-green meta-andesite? Weakly calcareous throughout and cut by occasional thin calcite veinlets.												
358	488	Dark, variable quartz-biotite-chlorite schist with a few garnets. Quartz carbonate veinlets make up 2-5 % throughout section. Numerous F <sub>2</sub> fold noses in section, F <sub>0</sub> /F <sub>1</sub> varies. Banded and crudely conformable pyrite-pyrrhotite-sphalerite mineralization at 365 to 372 and 397 to 398.	1891	364-368	0.71	0.38	1.12	8.80						
			1892	368-372	1.00	0.36	1.65	10.56						
			1893	438-443	0.18	0.03	0.83	1.41						
			1894	443-448	0.03	0.02	0.19	0.64						
			1895	448-450	0.35	0.06	1.55	4.15						



## DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 06

PROPERTY \_\_\_\_\_  
MM

SHEET NUMBER 3

SECTION FROM 507.5 TO 528

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING 140°

ULTIMATE DEPTH 1048 ft.

ELEVATION 5800

DIP -60°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
507.5	511	Quartz-feldspar-biotite-chlorite schist with conformable sulfide bands (pyrrhotite≈pyrite> sphalerite>> chalcopyrite. Total sulfides ~5%.												
511	514	Nearly massive sulfides with crude bedding. Pyrite≈pyrrhotite> sphalerite>> galena. Approx. 60% total sulfides in fine grained quartz-feldspar-chlorite matrix. Estimated 10% lead and zinc.	1902	508-513	1.21	0.41	4.15	10.00						
514	518	Banded quartz-feldspar-biotite-chlorite rock as at 507.5>511. Sulfides 10 to 15% with pyrite≈pyrrhotite> sphalerite.	1900	513-518	0.38	0.06	0.78	2.48						
518	519	Nearly massive pyrite in barite matrix. Estimate 2 to 4% zinc and lead.												
519	522.5	Massive barite with 5% evenly disseminated pyrite. No visible base metal sulfides.	1901	518-523	2.35	0.05	1.69	2.55						
522.5	528	Massive pyrite with occasional clots of calcite-biotite-chlorite.	1903	523-528	2.41	0.03	0.42	0.51						



DDH 7.6MM-0.6  
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	7.6MM-0.6					

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8 10 14 22 26 28 32 34	56			
R	7.6MM-0.6	100	-160.0	1410.0	AT COLLAR
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Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	2 8 10	56

Code	From	To	Recov.	No.	Unit	Description
I	10 14	16 20	22 24	26 28	30 34	35
						N.B. Notes only on this drill hole also check with original field log.
L	120 0	121 0	0	11	#	TRICONED - No RECOVERY
	121 0	171 0	0	12		Noncalcareous, thickly banded, CS2-foliated, moderately soft to soft, biotite-muscovite-chlorite-garnet-quartz schist. Banding between dark brown biotite and pale greenish gray muscovite-chlorite generally on scale 1-3cm. Irregular, pale pink garnets associated with biotite bands. Core has a vein from greenish yellow weathering surface resulting from uniformly disseminated fine pyrite. Contains thin 5-15 cm thick intervals of noncalcareous, pale gray muscovite-quartz schist. Dominant foliation is P51. This is folded with locally incipiently developed CS2 overprinting cleavage. S1 20-30° core axis. Unit is noncalcareous gabbro with thin felsic metabasites (probably dykes). Poor recovery 64-71 with some quartz vein fragments.
L	171 0	177 0				
L	171 0	177 0		13		Noncalcareous, moderately hard to hard, thickly banded chert/quartzite. Banded between dark brown biotite-quartz and medium to pale gray muscovite-quartz. All finely x-line. Poor recovery with many pieces of redrilled core. Not extensively weathered. Locally biotite-rich intervals contain chlorite-garnet.

Code	From	To	Recov.	No.	Unit	Description						
I	10	14	16	20	22	24	26	28	30	34	35	
L	17170	19150						14				
												Dominant unit is moderately soft, CS2-foliated, dark greenish brown, noncalcaceous, biotite-chlorite-garnet-quartz schist. Contains abundant, pale pink, irregular 1cm snowflake garnets. Locally thinly banded. Possible metabasite? Contains lesser interbands of dark grey, thinly banded, carbonaceous pelite. Interval 91-94 strongly weathered to orange-brown rust colour, with very weathered and broken core. Probable mixture of metabasite and carbonaceous pelites.
L	19150	113147						15				
												Moderately soft to moderately hard, thinly banded, slightly to moderately calcaceous, biotite-muscovite-garnet-quartz schist. Thinly banded between dark brown biotite-garnet and pale grey muscovite bands. Calcite occurs in thin bands and lenses generally associated with biotite-rich bands. Similar to calc-silicate pelites only slightly higher grade (or different composition) because of abundant pale pink, irregular garnet in biotite bands. Contains intervals of moderately hard, slightly calcaceous, pale grey, muscovite-quartz schist. This schist locally thinly banded w/ thin bands containing 5% finely disseminated pyrite.
L	113147	114130						16				
												Mixed unit. TOI-138 is same as next unit (#7) 138-EOI is same schist as last unit #5 (95-134.7) Contact has angle of 10° or so with the core axis.

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	11413	0	13417	0				7			
											Moderately hard, slightly calcareous, massive, homogeneous, finely x-line, dark brown-green biotite-chlorite metabasite / meta-andesite. Slightly pitted by slightly more calcareous bands, minor banding, or partly developed, fine, dark green chlorite pressure solution laminae in homogeneous matrix. Interval 167-171 contains irregular 0.2-1.0 cm white calcite-quartz nodules. Interval 246-923 is greenish olive green rather than dark brown green. Possibly altered by fluids along fractures? Or possibly an original zoning. D. well present in homogeneous metamorphosed basic to intermediate sill or flow. Fine grain size would suggest a flow.
L	131417	0	131515	0				8			
											Same dark brown-green, homogeneous, finely x-line, moderately soft metabasite / meta-andesite. In this interval it displays a reasonably well developed CS2 foliation defined by chlorite-biotite and by thin, off-white calcite laminae. Definitely shows increased strain when compared to some unit further up the DDH.
L	131515	0	131519	8				9			
											Moderately soft, calcareous; thinly banded, brownish green biotite-chlorite-calcite-quartz schist. Calcite as thin discontinuous bands associated with biotite. Biotite schist similar to calc silicate schist noted in DDH 73MM-01. Contains some carbonaceous intervals and some medium grey, noncalcareous, chert / quartzite intervals. (Can possibly slightly mixed because box dropped?)

Code	From	To	Recov.	No.	Unit	Description						
I	10	14	16	20	22	24	26	28	30	34	35	
L	131519	8	131614	0			110					Dominantly coarsely xline pegmatitic white quartz veins w/ bluish coarse calcite. Contains interbands of dark green to medium olive green chlorite phyllite. Quartz veins locally extensively fractured so it looks like a bxa texture. Fractures locally contains minor coarsely xline reddish sphalerite.
L	131614	0	131712	0			111					Split Core Looks like sulphide-bearing tectonic breccia zone large to small clasts of vein quartz, medium to pale grey granitic, and dark to light green chlorite phyllite in a fine-grained sphalerite ± pyrrhotite matrix. Sphalerite and pyrrhotite display ductile flow textures around the silicate clast. Pyrite occurs as isolated subhedral to anhedral grains scattered through the sphalerite-pyrrhotite matrix. Clasts look to have random foliation orientations. Looks like tectonic mineralization — no skatiform or epigenetic mineralization. Good zinc mineralization about 10% Zn or more.
L	131712	0	131815	5			112					Moderately hard to moderately soft, homogeneous, locally slightly chloritic biotite-chlorite schist. Colour ranges from brownish grey (biotite dominant) to greenish grey (chlorite dominant) and gradations in between. Locally shows diffuse compositional banding. Medium xline. Uncertain of parent rock. Possibly metamorphosed intermediate metabasite (?). Possibly volcaniclastic?

## Lithologic Log

Date: 09/29/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description						
I	10	14	16	20	22	24	26	28	30	34	35	
L	131855	1412180					113					
												Thinly banded, non-aluminous, biotite-chlorite-muscovite-quartz-garnet schist. Medium yellow, moderately soft. Contains minor lenses of dark green hornblende core by dirty apple green epidote + calcite. Garnet in biotite-rich bands as irregular pale pink grains up to 1cm across. Banding between pale grey muscovite-quartz and dark brown-green biotite-chlorite. Parent rock was mafic/intermediate. Contains the occasional 1cm or less thick band of fine-grained reddish sphalerite with lesser pyrite. Proportions 70-30 between dark and light bands.
L	1412180	1413165					114					
												Split Core Same basic rock type as Unit # 13 above (385.5-428.0). Contains pegmatitic white quartz veins. Contains veins of sphalerite + pyrite in thin bands broadly parallel sl. Red sphalerite - fine-grained. Sphalerite definitely cuts the pegmatitic white quartz veins. Silicates locally form small bra clasts within sphalerite bands. Proportion sphalerite about 5-10% Zn grade estimated 2-3%
	1413165	1413120					115					
												Split Core Fine-grained, red sphalerite much greater than pyrite forms 80% of interval. Essentially same host with extensive flooding by fine silicates in unconsolidated matrix interstitial to silicates. Estimated Zn grade about 10-15%

Code	From			To			Recov.	No.	Unit	Description
	10	14	16	20	22	24				
	14	32	0	14	50	0		116		Split Core Same as Unit # 14 (428-430.5) Sphalerite-rich bands up to 3cm thick. Sphalerite associated generally with pegmatitic white quartz. Bands generally conformable with S1 foliation. In detail sphalerite forms anastomosing network around silicate grains / "clasts"
	14	50	0	14	81	0		117		Same as Unit #13 (385.5-420.0) Moderately hard, noncalcareous, thinly banded biotite-chlorite-quartz-garnet schist. Banded between dark green-brown and pale grey. Dark bands account for 70% of interval. Banding on a 1cm scale. Overall impression that this interval is slightly darker in overall colour than Unit #13. Parent volcanoclastic. Contains minor irregular pale pink garnet.
	14	81	0	14	91	5		118		Split core. Same as Units # 14 (428-430.5) and #16 (432.0-450.0) Sphalerite-pyrrhotite occur in 1-5 cm bands broadly conformable with S1 foliation. Form anastomosing network as infill tiny fractures around silicate grains. Pyrite occurs locally with sulphide bands as minor, subhedral, disseminated grains. Sulphide ~ 10-15% Estimated Zn grade 3-5%
	14	91	5	15	01	0		119		Pale grey, noncalcareous, moderately soft, homogeneous, muscovite-quartz-pyrite schist. 20% pyrite uniformly disseminated as small grains. No sphalerite noted. Doesn't feel heavy so not significantly basic. Parent felsic volcanic

## Lithologic Log

Date: 09/28/88 Logged By: LCP

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	151010	5	151110					1210			Split Core Similar to units # 14, #16, # 18. Thinly banded, dark brown green to grey, biotite-chlorite-quartz schist. Contains 1-3 cm thick sulphide bands parallel to foliation and compositional banding. Sulphides: fine pyrrhotite + sphalerite w/ isolated subhedral pyrite grains up to 5 mm across. Sulphide bands are typically moderately calcareous. Sulphide banding similar to banding noted in outcrops below massive biotite sulphides in DDH 76MM-02. Intervals 500.5-502 and 506-507 consist of pale grey, hard, noncalcareous, hard, muscovite-quartz chlorite with thin dark brown biotite rich interbeds. These intervals are essentially barren of sulphides.
L	151110		151138					1211			Split core Interval w/ 70-80% sulphide. Diffuse low angle parallel to foliation. Dominantly fine grained pyrrhotite and sphalerite. Chalcopyrite as small irregular, fine grained aggregates. Pyrite as laminated grains as the other sulphides. Estimated zinc grade 10%. Host is same banded quartz chlorite schist. Unit noncalcareous. Microbre idios texture as sulphide forms an interlocking network around silicate grains.
1	151138		151180					1212			Split Core Similar to Units # 14, 16, 18, 20 Last 1 foot is calcareous with thin calcite bands. Sulphides as thin bands parallel to foliation. Zinc grade 1-3%.

Lithologic Log

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	15118	0	15123	0						1213		Split Core thinly banded, locally slightly calcareous, granular biotite. Contains disseminated pyrite ranging from 5% - 30%. Compositional banding defined by variations in pyrite - also some pinkish thin bands due to minor red sphalerite. No real Zn grade. Calcite in thin bands and spots in matrix.
L	151213	0	151218	0						1214		Split Core Fine-grained, massive pyrite. Contains irregular calcite clasts up to 3cm across. No economic grade for Zn. Core magnetic - possibly due to fine disseminated magnetite.
L	151218	0	151312	5						1215		Split Core Soft, noncalcareous, medium grey, granular biotite. Contains pyrite - 1-10% disseminated as fine grains. Vague compositional banding (thin) defined by bands with slightly greater pyrite content. Bottom: 0.5 feet massive fine pyrite with coarse grey calcite clast. Only minor disseminated sphalerite noted in biotite. Also no zinc in "beal" pyrite.
L	151312	5	151516	7						1216		Moderately hard, thinly banded, moderately calcareous, Biotite-quartz-calcite-calc silicate-musc schist. Overall colour brownish grey. Banded on 1cm-3cm scale between biotite-calcite-calc silicate brown and brownish green, and pale grey musc-quartz schist. Contains minor disseminated pyrite. Upper contact against massive sulphidic shap. Lower contact gradational. Pelite. Down contains minor interbands of pale grey muscovite-quartz schist transitional to chert/quartzite.

## Lithologic Log

Date: 09/29/88 Logged By: KLP

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16 20 22 24 26 28 30 34 35					
L	1515167	1519172		1217		Moderately hard, locally slightly calcareous, thinly banded, muscovite-quartz schist transitional to cleist/quistite. Banding defined partly by variations in muscovite content. Also contains thin beds with abundant fine disseminated pyrite and pyrrhotite. Colour wet is medium grey to pale grey. Interval 588-591 contains thin carbonaceous interbeds <sup>dark</sup> gran. Unit has parent of felsic volcanic tuff (because of thin banding). Similar to thinly banded muscovite-quartz schist/cleist in 73MM-01 and 76MM-02. Carbonaceous interbeds have sharp marginal contacts. Sulphides 1-5%
L	1519172	1610118		1218		Differently banded, slightly calcareous, pale grey quartzite. Similar to last unit only has abundant coarse-grained quartz-calcite-siderite, flooding the original muscovite-quartz schist. Vein intervals up to 20cm thick and constitute 60% of the interval.
L	1610118	1612127		1219		Thinly banded, very calcareous, biotite-calcite-muscovite-quartz calc-silicate schist. Similar to Unit # 26 (532.5-556.7). Contains some 1-5cm thick granular grey marble bands. Calcite also occurs in typical association with biotite and calc-silicate.
L	1612127	1615120		1310		Hard, noncalcareous to locally slightly calcareous, thinly banded muscovite-quartz schist transitional to quartzite. Colour wet is medium pale grey. Pyrite in thin bands/laminae of medium-fine grains. Generally laminae parallel sl but locally slightly xcut sl. Not quite same type of laminae as noted in Unit # 27 (556.7-597.2). Pyrite less. <sup>1%</sup>

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
	161520	161578		131		Hard, thinly bedded, noncalcareous, dark grey, carbonaceous quartzite (S2 foliated) S2 surfaces are dark shiny grey. Bedding on 1cm based on variations in carbon content. More quartzose intervals have 1% fine disseminated pyrite. Marginal contacts sharp.
L	161578	161716.5		132		Same as Unit # 30 (622.7-652.0) Partly felsic tuff
L	161716.5	17124.5		133		Mixed interval of biotite-calcite-muscovite-quartz-calc-silicate schist interbedded with muscovite-quartz schist. Interbedding on scale 10cm - 1m. Overall impression of burning, dark grey, slightly carbonaceous schist/quartzite. Mixed felsic tuff and gneiss interval.
L	17124.5	17129.0		134		Dark grey, generally noncalcareous, hard, carbonaceous schist/quartzite. locally has minor incipient breccia texture w/ thin fractures infilled by quartz veins. However next 2.5 feet has mottled texture with development of pale green calc-silicate ± calcite irregular spots. Interval correlates well with 76MM-23.
L	17129.0	171318.0		135		Hard, slightly calcareous, spotted chert/quartzite. Matrix is pale to medium brown with metamorphic biotite. Contains small irregular spots of bright green (actinolite) to dirty apple green (epidote) calc-silicate up to 2cm across. Spots locally contain

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16	20 22 24 26 28	30 34 35			some calcic Spots have a thin white reaction rim in chert. As go down DDH chert becomes mottled with increasingly darker grey as approach the next carbonaceous unit. Interval recorded with DDH JGMM-03
L	171318 0	171514 5		1316		Generally more carbonaceous variant of Spotted Chert described above in Unit # 35. Very dark grey to black intervals tend not to have calcareous spots / Also these have microporous texture caused by fine qtz-filled veins / fractures. Less carbonaceous intervals dark brown from biotite with abundant spots
L	171514 5	171819 0		1317		Dark brown, Spotted chert Matrix dark brown from metamorphic biotite. As go down DDH spots have all calcic and become deep blue green from metamorphic kyanoblende. Become difficult to distinguish in dark matrix.
L	171819 0	171915 5		1318		Calcareous, moderately hard to hard, dark grey brown biotite-calcite-quartz-silicate schist Interval 792-794 dark green, moderately soft, chloritic schist with minor pale pink garnet - may be metabasite.
L	171915 5	18100 0		1319		Hard, dark grey to black, thin bedded, carbonaceous biotite-calcite-calc silicate schist transitional to chert / quartzite. Carbonaceous variant of the calcareous pelite.

Code	From	To	Recov.	No.	Unit	Description
I	10	14 16	20 22 24	26 28 30	34 35	
L	18100	191480		1410		Thinly banded, moderately hard to hard, slightly calcareous biotite-quartz-calc silicate schist. Transitional to quartzite. Dry colour is pale grey. Wet colour is dark brown from disseminated metamorphic biotite. Banding defined by thin dark green hornblende and/or epidote calc silicate bands. These are discontinuous along S1 foliation. Locally minor calcite associated with calc silicate bands. S2 surface is quartz granular texture - grey with brownish tint.
L	191480	191925		1411		Similar to last Unit # 40 (890-948) Distinguished because overall a slightly lighter matrix brown, and because it contains 1cm - 10cm intervals of thinly banded bright green calc-silicates. Calc-silicates hornblende + epidote. Hornblende imparts a bluish green tinge to calc-silicate bands. Upper contact gradational and somewhat schistose. Lower contact sharp.
L	191925	1101480		1412		Moderately hard to hard, homogeneous, granular (like psammite) biotite-calc silicate quartzite. Biotite disseminated through matrix. Dark green hornblende forms thin, discontinuous streaks defining the pervasive foliation. Typically a very thin white reaction rim selvage adjacent to the hornblende streaks. Calcite noted only locally in minor amounts. Not banded - in contrast to above units. Uncertain if this is a metasediment or a metabasaltic / metamorphic unit.

EOK

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	
P	135	198	136	140	411638		142		142					Qtz-Calcite vein bxa	
	136	140	137	140	411639		180		110					previously split core	
	142	180	143	105	411640		125		125					} previously split core	
	143	105	143	120	411641		115		115						
	143	120	144	105	411642		185		170						
	144	105	145	100	411643		195		110						
	145	100	146	100	411644		110		110						
	148	180	149	165	411645		185		191					} previously split core	
	149	165	150	105	411646		140		141						
	150	105	151	110	411647		110		5108						
	151	110	151	118	411648		170		176						
	151	118	152	130	411649		150		150						
	152	130	152	180	411650		150		150					}	
	152	180	153	125	411651		145		151						

76 MM 07

DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: 76MM-07

Reference Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

Terr. Plane  
Co-ords.: 22, 368, 106.7 N

409, 456.4 E

Grid  
Co-ords: \_\_\_\_\_

Elevation: 5800.3

All symmetry determinations looking

Total Depth: 933 feet

\_\_\_\_\_ with \_\_\_\_\_ dipping

Inclination: -60° in direction 185°

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole  
Terminated: \_\_\_\_\_

Logged by: L.C. Pigay

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: \_\_\_\_\_

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 07

PROPERTY MM

SHEET NUMBER 1 SECTION FROM 0 TO 620 STARTED August 31, 1976  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED September 10th, 1976.  
 DEPARTURE \_\_\_\_\_ BEARING 185 ° ULTIMATE DEPTH 933  
 ELEVATION 5800 DIP -60 ° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0	23	Overburden												
23	87	Sericite-chlorite-quartz schist. F <sub>0</sub> 75°/axis at 25'												
87	218	Biotite-chlorite-quartz schist with occasional garnet. F <sub>0</sub> variable, numerous F <sub>2</sub> noses with axial planes generally 30° to 40°/axis.												
218	536	Massive fine grained structureless grey green meta-andesite. Rare calcite veinlets.												
536	561	Gradational contact with more biotite rich fine grained biotite-chlorite-quartz schist. F <sub>2</sub> 75° /axis at 545. F <sub>2</sub> 75° /axis at 551. Numerous F <sub>2</sub> fold noses between 528 and 550.												
561	620	Well bedded pyrite-pyrrhotite-sphalerite-(chalco-pyrite) mineralization in quartz chlorite biotite schist. Barrenquartz veining makes up 10% of rock. Mineralization varies over short distances from massive to blebby and disseminated pyrrhotite and	3701	561-566	0.71	0.32	0.47	5.80						
			3702	566-571	0.53	0.45	0.27	3.10						
			3703	571-576	0.44	0.19	0.33	4.58						
			3704	576-581	0.29	0.18	0.19	1.58						
			3705	581-586	0.09	0.08	0.01	0.53						

# DIAMOND DRILL RECORD,

## HOLE NO. \_\_\_\_\_

76 MM - 07

PROPERTY \_\_\_\_\_

MM

SHEET NUMBER 2 SECTION FROM 620 TO 656.5 STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING 185° ULTIMATE DEPTH 933  
 ELEVATION 5800 DIP -60° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
		pyrite. -- 6" band of unusual pale orange	3706	586-591	0.83	0.78	0.63	3.65						
		sphalerite at 616 ft. Sphalerite generally dark	3707	591-596	0.26	0.15	0.29	1.98						
		red-brown throughout section, no visible galena.	3708	596-601	0.12	0.12	0.03	0.23						
			3709	601-606	0.50	0.07	0.75	4.95						
			3710	606-611	0.21	0.05	0.62	1.78						
			3711	611-616	0.15	0.05	0.20	2.68						
			3712	616-621	0.29	0.05	0.53	2.50						
620	643	Rock loses biotite, becomes quartz-sericite-chlorite	3713	621-626	TR	0.01	0.01	0.03						
		schist- probably metarhyolite. No sulfides other	3714	626-631	TR	0.01	0.01	TR						
		than pyrite.	3715	631-636	TR	0.01	TR	0.02						
			3716	636-641	0.03	0.01	TR	0.08						
643	643.5	Massive barite with trace of pyrite.												
643.5	645	Massive pyrite. No visible base metal sulfides.	3717	641-646	1.29	0.03	0.27	0.98						
645	654	Quartz-sericite chert with 5 to 8% pyrite.	3718	646-651	0.83	0.01	0.07	0.04						
654	656.5	Massive pyrite with clots of calcite.	3719	651-656	1.06	0.02	0.42	0.68						

# DIAMOND DRILL RECORD,

## HOLE NO. \_\_\_\_\_

76 MM - 07

PROPERTY \_\_\_\_\_ MM

SHEET NUMBER 3

SECTION FROM 656.5 TO 726

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING 185°

ULTIMATE DEPTH 933

ELEVATION 5800

DIP -60°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
656.5	665.5	Sericite-quartz schist with 10 to 20% pyrite.	3720	656-661	1.09	0.02	0.35	0.58						
			3721	661-665	0.53	0.04	0.28	0.75						
665.5	692	Dark green chlorite-biotite-quartz schist as at	3722	666-671	0.03	0.07	0.01	1.45						
		561-->620. 5 to 10% pyrrhotite. Minor pyrite in	3723	671-676	0.06	0.03	TR	0.58						
		quartz veins.	3724	676-681	0.09	0.03	0.04	1.43						
			3725	681-686	0.06	0.03	0.09	1.10						
			3726	686-691	0.15	0.05	0.05	2.68						
692	692.5	Massive barite with 2% pyrite	3727	691-696	0.24	0.02	0.13	0.38						
692.5	701	Pyritic quartz-sericite-chlorite schist.	3728	696-701	0.06	0.03	0.03	0.33						
701	703	Massive barite with 20% pyrite	3729	701-706	0.56	0.03	0.77	2.13						
703	708	Quartz-sericite-chlorite schist with a few %												
		pyrite and pyrrhotite and trace sphalerite.	3730	706-711	0.03	0.02	TR	0.25						
708	712	Much more chloritic schist with traces of green												
		flourite in quartz veins.	3731	711-716	0.65	0.02	0.42	0.63						
712	726	Quartz-sericite-chlorite schist with bands of	3732	716-721	0.91	0.02	0.92	2.23						
		pyrite.	3733	721-726	1.03	0.03	0.58	0.70						



# CURRAGH RESOURCES INC.

DDH 7.6.M.M.-107  
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
T	7.6.M.M.-107					39 41 42

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments	
I	2	8	10	14 22	26 28	32 34
R	7.6.M.M.-107	100	-61°0'	185°0'	AT COLLAR	
R						
R						
R						
R						
R						
R						
R						
R						
R						
R						
R						
R						
R						
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R						
R						
R						
R						
R						
R						
R						
R						
R						

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

## Lithologic Log

Date: Oct 16/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
L	00	230		1	#1	Overburden - no core
L	1230	4105		12		<p>Interbanding of two rock types on a scale of 6 inches to 2 feet</p> <p>1) Moderately soft, noncalcareous, pale greenish gray, PS2-foliated, muscovite-chlorite-quartz schist. SZ surfaces have fine orange-brown weathering color from disseminated pyrite. Cut surface uniformly weathered to greenish yellow with orange-brown streaks parallel SZ. Quite micaceous.</p> <p>2) Thinly banded, noncalcareous, PS2 or CS2-foliated, biotite-muscovite-chlorite-quartz-garnet schist. Banding on scale 1cm or less. Banding defined by alternation of biotite-garnet-chlorite brown bands and pale grey muscovite-chlorite bands. Garnet as small 1mm irregular grains in biotite-rich bands.</p> <p>Parents presumed felsic volcanics (Unit #1) and gabbro (Unit #2). Well developed SZ cleavage @ 70° core axis. Felsic schist unit bands to be PS2 foliated. With gabbro unit locally see fold noses within PS2 overall interval as S1-S0 goes down the core axis.</p>
L	14105	14190		13		<p>Similar to Unit #2 in last interval #1 (23-40.5)</p> <p>Thinly banded, moderately soft biotite-muscovite-chlorite-quartz-garnet ± calcite ± schistose schist. Banding on 1cm scale between dark brown biotite-rich and pale grey muscovite-rich. Biotite-rich bands locally have discontinuous bands or lenses of calcite and/or medium dark green epidote. Approaches a calc-silicate schist. PS1 and CS2 foliated. Foliation surfaces weather orange-brown. Not as extensively weathered as last unit. Metapelitic (calc-silicate) unit.</p>

## Lithologic Log

Date: Oct 16/88 Logged By: LCP

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28	30		34
L	1490		1513	5					14		
											Similar to last Unit # 3 (40.5-49.0) Thinly banded, moderately soft, non-schistose, dark green alternating with grey, chlorite-muscovite-garnet schist. Pale grey bands are muscovite-chlorite. Dark green bands are chlorite-garnet - (actinolite?). Banding on scale 1cm or less. Garnets have irregular shapes and are pale pink. Dark green bands contain irregular aggregates of magnetite. Locally S1 surfaces have bright orange-brown weathering colors extending for 5mm away from surface. Pervasive S1 with only poorly and locally developed CS2 crenulations cleavage. Fold nose (S2) near bottom of interval. Parent possibly an argillaceous greywacke? Thin banding suggests a sediment - predominance of chlorite suggests not a typical metapelite.
L	1513	5	1817	0					15		
											Same as Unit # 3 (40.5-49.0) Thinly banded, moderately soft, slightly calcareous, biotite-chlorite-muscovite-quartz-garnet-calcite-actinolite schist. Thin calcite and/or actinolite bands associated with dark greenish brown biotite-chlorite-garnet bands. Interval has 5-10% irregular, pegmatitic, white ball quartz veins up to 1 foot thick. Contains minor thin muscovite-chlorite-quartz, pale grey, P2-foliated intervals. These are up to 6 inches thick although generally thinner. Minor brownish to orange-brown weathering on foliation surfaces locally. P51 cleavage well developed & CS2 crenulations large only poorly developed. Parent was calcareous (calc-silicate) gneiss.

## Lithologic Log

Date: Oct 4/88 Logged By: KCP

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	1817	0	1912	5					16		
											Moderately soft, noncalcareous, dark greenish brown, biotite-chlorite-quartz-garnet schist. Difficult granular / psammitic texture. Contains abundant small, irregular, pale pink garnets. Generally homogeneous. Contains vague banding - partly delineated by variations in chlorite content - locally this banding related to alterations along S1 foliation.
											PS1 foliated - S1 45° core axis @ 88'
											Breaks along S2 S2 surfaces locally have 2-5 mm orange-brown weathering rind.
											Upper contact sharp against gtz. Lower contact gradational to more altered material. Uncertain if quartz sediment or volcanic.
L	1912	5	1916	0					17		
											Moderately hard, homogeneous, pale yellowish green muscovite-quartz schist. Core very rubbly and broken. Extensive orange brown weathering stains and late features. Looks like extensively altered variant of last Unit # 6 (87-92.5) associated with fracture / fault.
L	1916	0	1910	0					18		
											Same as Unit # 6 (87-92.5) Upper contact sharp at footage top. Lower contact gradational into calcareous unit. Suggests that Units # 6 & 7 have sedimentary quartz. S1 40° to core axis @ 98'

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
	1916	0	1917	3				19			
											Thinly banded, moderately soft to moderately hard, calcareous, dark greenish brown biotite-chlorite-quartz schist locally calc-silicately with lenses and bands of brownish green actinolite. Calcite associated with biotite in thin streaks and bands. Overall texture psammitic/granular. Thin banding on scale 2mm - 2cm. Unit commonly looks fairly homogeneous. Contains thin intervals of hard, pale grey chert/quartzite. These intervals typically have numerous thin white scintling quartz veins. Well developed, pervasive S1 foliation. It may shallow angle to core axis. Only locally developed CS2 crenulations cleage. S1 commonly about 30° core axis. Parent rock calcareous, argillaceous sandstone to sandy pelite.
L	1917	3	1919	2				110			
											Hard, noncalcareous, pale brownish grey chert/quartzite. Brownish tinge from minor metamorphic biotite. Contains crosscutting quartz ± calcite veins. Locally margins of veins have minor, locally developed green actinolite. Similar to chert/quartzite noted as small intervals in last unit #9 (96-197.3)
L	1919	2	2016	0				111			
											Same as Unit #9 (96-197.3) S1 essentially down the core axis
L	2016	0	2019	2				112			
											Hard, noncalcareous, thinly banded, black, carbonaceous schist/quartzite. Banding on scale 1-5 mm with variations in shades of dark grey to black. Contains abundant irregular pyrrhotite, staurolite, quartz. S1 - pyrrhotite also concentrated more in S2 fold noses. S1 @ 30° core axis.

## Lithologic Log

Date: Oct 14/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20	22 24 26 28 30 34 35				
L	12109 2	12111 5		113		Dark green, noncalcareous, hard, chlorite-quartz-garnet schist P51-foliated with well developed S1 foliations delineated by thin compositional banding. Characterized by 1cm diameter, pale pink, irregular "snowflake" garnets. Possible metabasite?
	12111 5	12116 3		114		Same as Unit # 12 (206-209.2) Units # 12, 13, 14 correlate with Unit # 4 (77-95) in DDH 76MM-06. Lower contact sharp, parallel S1 - 25° core axis.
L	12116 3	12149 5		115		Finegrained, noncalcareous to slightly calcareous, moderately hard to hard, brown to brownish grey meta-andesite. Now biotite-quartz locally and irregularly altered. Altered areas lighter grey with irregular lenses, streaks of dark green chlorite(?) this gives a distinctive scuffed/flecked aspect to altered areas. Top of interval may contain some unrecognized metasediment. Lower contact gradational as alteration fades so here massive, foliated, biotite-quartz-minor chlorite meta-andesite / meta-basalt.
L	12149 5	131010 7		116		Moderately hard, noncalcareous to slightly calcareous, dark green-brown meta-andesite to metabasalt. Chlorite as overprinting laminae in fine granular biotite-chlorite matrix. Minor quartz-calcite veins. Locally slightly altered w/ spots / fractures of dark green actinolite. Both upper and lower contacts gradational. S1 essentially down core axis.

## Lithologic Log

Date: Oct 16/88 Logged By: KCP

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16 20 22 24 26 28 30 34 35					
L	131010.7	131319.0		117		Same parent as Unit # 16 (249.5-300.7) only moderately altered to a medium olive green with local biotite large bands of the dark brown biotite colour in Unit # 16 Alteration fades out at top and bottom of interval. Core axis shallow angle to S1.
L	131319.0	131813.0		118		Same as Unit # 16 (249.5-300.7)
L	131813.0	131913.0		119		Similar to Unit # 17 (300.7-339) Altered to pale to medium olive green. Alteration related to xcutting fractures and incipient biotitization. Thin pink infilling fractures. Alteration fades out at top and bottom of interval.
L	131913.0	141815.5		120		Same as Unit # 16 (249.5-300.7) Dark brown biotite-rich meta-andesite to meta-basalt. Chlorite as anastomosing laminae. Minor dark green chlorite/partialite as alteration bands or spots/streaks associated typically with xcutting fractures. Top contact gradational into chlorite-dominant altered zone. Bottom contact gradational into more extensively developed bands of hornblende alteration. Contains minor scattered pale pink irregular garnet up to 2mm across. Overall psammitic granular texture. Massive and homogeneous. Only slightly calcareous locally.

## Lithologic Log

Date: Oct 17/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
I	10	14	16	20	22 24 26 28 30	34 35
L	14815	5	151412	4	121	<p>Moderately hard, noncalcareous, dark brown to medium green, granular / psammitic biotite-chlorite-hornblende schist. Massive overall appearance. Present uses intermediate (andesite) to basic (basalt) volcanic.</p> <p>Distinguished by up to 10cm bands of extensive alteration. Alteration consists of stripes of dark green hornblende and few apple-green epidote. Typically green calc-silicates have a white, thin selvage. Also contains diffuse pale greyish green alteration zones. Zones slightly mottled and form compositional bands crosscutting S1 at a shallow angle.</p> <p>Upper contact gradational into meta-volcanics without calc-silicate alteration zones. Lower contact gradational into thinly bedded, more visibly foliated schist.</p> <p>S1 @ 50° 15° core axis</p>
	151412	5	151611	0	122	<p>Moderately soft to moderately hard, noncalcareous, finely banded, biotite-chlorite-quartz schist. Overall granular to psammitic texture on cut surface. Below surface granular with patchy schistose, mica. Colour is dark green/brown.</p> <p>1-2mm banding marked by variations in mica content. This looks like same parent rock only it has undergone much more significant strain - a more deformed andesite to basalt. Pervasive S1 cleavage and poorly developed S2 crenulation cleavage.</p>
L	151611	0	151612	2	123	<p>SPLIT CORE</p> <p>Same unit as # 22 (542.5-561.0) only split core. No readily visible sulphides, except minor disseminated quartz and pyrrhotite.</p>

## Lithologic Log

Date: Oct 17/88 Logged By: KCP

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	1576	22	1577	30					1214		
											5-10 cm bands of sulphides within a moderately soft, noncalcareous, dark green-brown to dark grey biotite-chlorite-quartz ± garnet schist. Schist finely banded. Garnet as irregular, pinkish snowflake aggregates up to 5 mm across.
											Sulphide bands consist of disseminated sphalerite-pyrite-pyrrothite-chalcopyrite in a quartz (?) matrix. Paleish brown sphalerite. Sulphides about 80%. Matrix is white. Contains rounded clasts of phyllite, quartz, colorless fluorite within the sulphide-rich matrix. Estimated grade 5% Zn.
											Upper contact sharp. Lower contact marked by change to calcareous lithologies. Interval 570.5-572.0 pegmatitic white bull quartz vein material.
L	1577	30							1215		
L	1577	30	1591	35					1215		
											Similar to last Unit # 24 (562.2-573.0) only contains bands of medium to pale greenish grey, calcareous schist. Calcite associated with many irregular and commonly subangular biotite-rich bands and clasts (?). Overall sulphide-rich bands less common and sulphides less dominant within them. Sulphides 40-60% in most of the bands. Still have also host rock which is finely banded dark green brown biotite-chlorite schist with snowflake garnets. Estimated Zn ~ 4%. Sphalerite-pyrite-pyrrothite-chalcopyrite. Present rock mixture of metabasite and calcareous gneiss (?).
L	1591	35	1591	73					1216		
											Noncalcareous, hard, medium grey (wet), muscovite-quartz schist. Mn < 2% disseminated, fine-grained pyrite + pyrrothite in matrix. No sphalerite noted. Contains 5% pegmatitic veins quartz. 52 surface quartz-green w/ patchy muscovite.

No grade.

DDH F.6.M.M.-0.7  
 2 8  
 feet

CURRAGH RESOURCES INC.  
 Lithologic Log

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Date: Oct 17/88 Logged By: MLP

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30
L	15917	3	16101	8					1217		
											Moderately hard to moderately soft, noncalcareous, dark green to grey-green chlorite-biotite-quartz schist. Locally contains 1cm, irregular, pale pink, snowflake garnets. Contains 1-3% fine disseminated pyrrhotite. No readily visible sphalerite - Zn grade minimal. Parent possibly a metabasite.
L	16101	8	16110	5					1218		
											Moderately hard, dark green, noncalcareous chlorite-biotite-garnet schist. Garnet forms large, pale pink, irregular snowflakes up to 1cm across. Locally unit thinly banded with off-white quartzose bands. Looks most like metabasite. Contains thin bands of fine-grained sphalerite-pyrite-pyrrhotite forming stringers around silicates. Clasts of silicates in the sulphides almost gives it a breccia-like texture. Sulphides up to 50%. Zn grade 3-5%. Sphalerite nodules common. Sulphide rich intervals range from 1/4" to 2' in thickness. Upper contact sharp against more barren rock. Lower contact marked by disappearance of snowflake garnets.
L	16110	5	16117	7					1219		
											Similar to last Unit # 28 (601.8-610.5). No snowflake garnets in dark green chlorite-biotite-quartz schist. Commonly thinly banded (up to 1cm) with more quartzose, pale grey to white bands. Sulphide-rich bands thinner and less frequent. Zn grade 2-3%. Sulphides texture as interstitial stringers infilling around silicates along compositional bands and fractures. Sulphides sphalerite-pyrite-pyrrhotite.

## Lithologic Log

Date: Oct 17/88 Logged By: LLP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	161177	161410		1310		Hard, noncalcareous, medium grey (wet) muscovite-quartz schist transitional to quartzite. Contains irregular thin bands and lenses of pale to medium green actinolite - these are up to 1cm thick locally. Typically have a very thin white selvage around actinolite lenses. 5-10% pegmatitic vein quartz. Minor disseminated pyrite (<2%) No economic Zn grade. Parent felsic volcanic. SZ surface range from pt grey w/ patchy muscovite to silvery from mainly muscovite.
L	161410	1614130		1311		Homogeneous, noncalcareous, medium grey muscovite-quartz schist transitional to quartzite. Minor disseminated subhedral pyrite 5-10%. No sphalerite noted. SZ broken surface has pt, muscovite, pyrite all visible.
L	1614130	1614135		1312		Granular, pale grey barite w/ minor disseminated pyrite and trace disseminated pale sphalerite. Contains coarse calcite veins. Also locally fine calcite disseminated in matrix. Pyrite 2-5%. Coarse calcite has irregular blocks of green actinolite - also typically rimmed by coarser grained pyrite and minor sphalerite.
L	1614135	1614150		1313		Brassy yellow, fine-grained pyrite w/ lesser disseminated barite, calcite, sphalerite. Locally contains subangular silicate clasts up to 3mm across. 2 inch massive barite at down hole end of interval. Pyrite 60-70%. Vaguely banded. Only minor sphalerite - grade ~1% Zn.

## Lithologic Log

Date: Oct 18/88 Logged By: KCP

Code	From		To		Recov.		No.		Unit		Description	
	10	14	16	20	22	24	26	28	30	34		35
L	164	150	165	13	2			1314				<p>Moderately hard to hard, brassy-brown-grey, homogeneous, slightly calcareous very pyritic quartzite. Typically contains about 40% fine disseminated pyrite. Contains abundant disseminated carbonate clasts in pyrite-quartz matrix. Clasts rounded to subhedral - up to 1cm across. Generally clast pale tan and do not react in acid. Locally clast are white and are calcite. Sphalerite, galena, chalcopyrite are disseminated as irregular streaks and stringers - especially in bands containing abundant carbonate clasts. Locally clast composed next all other minerals in for 5-10cm intervals. Economic Zn grade ~ 2% Zn. Clast from 30% - 100% in different intervals.</p>
L	165	13	2	165	16	1		1315				<p>Homogeneous, massive, fine-grained pyrite (80-85%) with large irregular grey calcite clast up to 2cm across. Calcite clast have partial solution of irregular, interstitial magnetite up to 3mm across. Minor reddish brown sphalerite associated with magnetite. Estimated Zn grade &lt; 2%.</p>
L	165	16	1	166	15	8		1316				<p>Similar texturally and mineralogically to Unit # 34 (645-153.2) Matrix for tan-grey carbonate clast consists of muscovite-quartz-pyrite. Pyrite 30-40%. Locally contains pale disseminated sphalerite. The thin pyritic bands up to 10cm thick (generally 1-2cm thick). Bands have reddish brown sphalerite. Estimated Zn grade 1-3%.</p>

## Lithologic Log

Date: Oct 18/88 Logged By: LCP

Code	From		To		Recov.		No.		Unit		Description	
	10	14	16	20	22	24	26	28	30	34		35
L	1665.8	1671.0									1317	Soft, dark green, noncalcaneous chlorite schist. Generally homogeneous. Contains disseminated pyrrhotite + subhedral disseminated pyrite grains. Numerous irregular thin stringers of reddish brown sphalerite + pyrrhotite up to 2 cm thick. Fine anastomosing network around silicate grains. Zn grade estimated 3-6%. Upper contact gradational against more felsic schist. Lower contact is grade break with significant decrease in sphalerite-pyrrhotite stringers.
L	1671.0	1681.7									1318	Similar to last Unit # 37 (665.8-671.0) only lacks the numerous sphalerite-pyrrhotite irregular stringers. Contains minor metamorphic, pegmatitic white bull quartz. Partly banded with minor compositional banding in shades of dark green and grey-green.
L	1681.7	1691.3									1319	Same as Unit # 37 (665.8-671.0). Thin fine, sphalerite-pyrrhotite stringers and laminae subparallel 51 and 52. Locally contains layers, disseminated, subhedral pyrite grains in the sphalerite-pyrrhotite stringers. Estimated Zn grade 3-5%. Upper contact grade break. Lower contact sharp against next rock type.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	169123	171014		1410		Hard, noncalcareous, brownish grey biotite-muscovite-quartz schist / quartzite transitional to schist. Contains irregular bands and lenses of medium to dark green hornblende subparallel sl. Lenses up to 1cm thick and typically contain a thin white selvage. As go down interval begin to see more chlorite and pyrite disseminated in the matrix. No economic Zn grade (0-2%) Upper part looks most like calcareous meta-schist which is calc-silicated lower part may have some volcanic component
L	171014	171025		1411		Soft, medium green, granular, massive banded with minor disseminated sulphides. Pyrite disseminated in matrix. 5% Pyrite also forms thin angular bands parallel P.S.I. Bands are up to 1cm thick. Minor reddish brown sphalerite forms streaks parallel sl. Pyrite bands have 60% pyrite locally calcareous in thin bands and small spots
L	171016	171140		1412		Moderately soft, pale greenish grey, noncalcareous muscovite-chlorite-quartz schist transitional to phyllite. SZ surfaces very micaceous and silvery cream. Contains minor pegmatitic white hole quartz. Minor pyrite / no economic mineralization. Part not even felsic volcanic
L	171140	171270		1413		Similar to Unit # 40 (692.3-701.4) Irregular pods of dark green hornblende with white selvage. Muscovite-quartz-hornblende schist. Moderately soft to moderately hard. SZ surfaces are micaceous cream. Characterised by 10-30 cm

need to  
→ \*  
insert  
unit -  
See  
end of  
log

## Lithologic Log

Date: OCT 18/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16 20 22 24 26 28 30 34 35					
	17114 0	171217 0		1413	continued	Thin intervals containing irregular coarse aggregates of pyrite, sphalerite, magnetite, pyrrhotite. Irregular banded texture. Some intervals dominantly fine pyrite - hematite. Some intervals coarse pyrite grains floating in fine-grained matrix of other sulphides. Magnetite forms clots - occurs only locally. Sphalerite & magnetite tend to occur as selvages in pyrite. Grade for interval 3-5% Zn. Sulphides overall 20%. Banding nearly parallel core axis
L	171217 0	171218 5		1414	SPLIT CORE	Fine-grained, calcareous, pyrite. Calcite interstitial. Small magnetite streaks define the S1 foliation. Contains 1 large (3cm across) muscovite-gt-pyrite silicate clots. Only sparsely distributed reddish sphalerite. Zn grade < 2%. Upper and lower contacts sharp
L	171218 5	171316 0		1415	SPLIT CORE	Similar to Unit # 43 (714-727). Moderately hard to moderately soft, medium to pale grey (wet), moderately calcareous, muscovite-(chlorite)-quartz-calcite schist transitional to phyllite. Contains minor thin bands of dominantly pyrite with associated dark reddish brown sphalerite - these form irregular stringers/bands. Cut surface has a mottled texture T01 - 731.5 and more planar/foliated texture 731.5-EOI. Pyrite content generally less than 5%.
L	171316 0	171411 0		1416		Moderately soft, thinly banded, moderately calcareous, muscovite-quartz schist. S2 surfaces planar, silvery cream muscovite-rich. Contains 1-2cm bands of desiminated pyrite-sphalerite. Sulphides 20% w/ pyrite > sphalerite. Grade estimate 2-4% Zn. Upper contact schist of magnetite core / lower contact end of pyrite-sphalerite banding. Pyritic banding parallel S1 and locally S2

Code	From		To		Recov.		No.		Unit		Description	
	10	14	16	20	22	24	26	28	30	34		35
L	17141	0	17146	0				147				Hard, noncalcareous, medium to pale grey, muscovite-quartz quartzite / schist transitional to schist / foliitic locally near TBI contains minor biotite and green hornblende - thinly banded in this interval. Becomes more stony as go down DDH - also more massive. Breaks on S2 as planar surface w/ silvery cream micaceous sheen. Only very minor pyrite. Parent felsic volcanic
L	17146	0	17149	0				148				Pegmatitic white quartz vein.
L	17149	0	17160	0				149				Moderately hard, noncalcareous to slightly calcareous, biotite-quartz-hornblende-muscovite-schist to calc-silicate schist / quartzite. Thinly banded with alternating qtz ± muscovite, brown biotite, green hornblende bands. Overall mottled texture caused by late crenulations cleavage (post S2?) disrupting compositional banding to form islands / parallelograms of solid colours.
L	17160	0	17174	0				150				Similar calc-silicate-biotite-muscovite-qtz schist as last Unit #49 (749-760) In this interval it is slightly calcareous. Contains thin interbeds (10-30cm) of dark grey to black, thinly banded, hard, noncalcareous carbonaceous schist / quartzite. S2 surfaces on carbonaceous intervals are stony grey. Banding on 1-5 mm to 1cm scale in shades of grey / dark grey / black. Contacts w/ calc-silicate schist reasonably sharp. P51 and P52 cleavages both developed. Carbonaceous intervals have thin bands of disseminated pyrite (30%). About 40% of interval carbonaceous.

## Lithologic Log

Date: OCT 13/88 Logged By: LCP

Code	From		To		Recov.		No.		Unit		Description	
	10	14	16	20	22	24	26	28	30	34		35
L	7740	7830									51	<p>Moderately hard, slightly calcareous, muscovite-quartz schist/phyllite transitional to phyllite. S2 surface breaks with planar pattern and have silvery cream muscovite sheen. Thinly banded with bands consisting of muscovite-rich, quartz-rich, and garnet-rich. Pyrite disseminated grains in thin laminar streaks and compositional bands up to 5mm thick. Banding parallel S1. Parent felsic volcanic. Upper contact marked by end of carbonaceous intervals.</p>
	7830	80180									512	<p>Similar to Unit # 51 (774-783) More quartz-rich and less micaceous. Locally mottled texture with scattering quartz veinlets. S2 being at 798 abundant late fractures forming bra texture. Looks more altered / weathered. Ends in rubble and incipient gneiss at 808. Possible / probable fault. Parent again felsic volcanic.</p>
L	810180	812150									513	<p>Differently banded, moderately hard, slightly calcareous schist. Mineralogy at TOE is muscovite-chlorite (slightly altered?). Gradually becomes hornblende green biotite-bronzeblende. Then gradually becomes dark gray to black calcareous schist. All differently banded on scale 1-5 cm. Planes, micaceous break on S2.</p>
L	812150	812180									514	<p>Pegmatitic, sparse white ball quartz vein. Abundant intermixed muscovite-quartz-chlorite pale green phyllite. Contains 5-10% pyrite + pyrrhotite infilling fractures.</p>

## Lithologic Log

Date: 05/18/88 Logged By: LCP

Code	From		To		Recov.			No.			Unit	Description	
	10	14	16	20	22	24	26	28	30	34			35
L	181280		181530								1515		Hard, diffusely banded, dark greenish brown (wet) biotite-quartz-hornblende schist. Overall granitic texture. 52 surface granular w/ disseminated micaceous sheen. Hornblende forms thin discontinuous green streaks defining dominant foliation. Locally slightly calcareous. Parent sandy, slightly calcareous pelite.
L	181530		181780								1516		Same Unit as # 55 (828-853) only bleached to greenish grey. Alteration presumed related to extensive fracturing and incipient biotitization. Hard, medium grey (wet), noncalcareous to slightly calcareous muscovite-quartz chert/quartzite. Thin bands and lenses of green hornblende make up about 10-15% of unit.
L	181780		181970								1517		Same as Unit # 55 (828-853) Thinly to blocky banded in shades of greenish grey (muscovite-chlorite), dark brown (biotite), and yellowish green (hornblende). Varies between moderately soft and hard. Parent calcareous pelite.
	1910170		1910194								1518		Possibly a floaters rock type. Doesn't appear to fit in here. Hard, pale grey to cream, noncalcareous quartzite with thin brown biotite streaks and compositional bands. Contains 1-2cm thick medium to coarse x-line scuffling bands of quartz-pyroxenite. Sulphides 15%.

Lithologic Log

Code	From		To		Recov.		No.		Unit		Description	
	10	14	16	20	22	24	26	28	30	34		35
L	191019	4	191211	7					1519			Same as Unit # 55 (828-853) and # 57 (878-907) Thickly to thinly banded, calcareous, moderately hard, biotite-muscovite-quartz-hornblende schist. Banding diffuse and subparallel S1. Overall colour brown from metamorphic biotite. Parent calcareous gneiss.
L	191211	7	191314	0					1610			Hard, noncalcareous, greenish grey schist / gneiss transitional to schist. Greenish colour from disseminated matrix hornblende. Locally has faint purplish brown tinge from metamorphic biotite. Spots green to green lenses and streaks of calc-silicates constitute about 10%. Irregular, scattering, stringers and streaks of pyrite and pyrrhotite constitute 5-10%. Not a typical spotted or felsic schist. Also not a typical calcareous biotite-calc-silicates schist. Seems to fit somewhere between these two types.
	191314	0	191913	0								No core - remaining boxes (after box 41) are missing!
												FDH
*	171012	5	171016	8					1411A			Unit missed on first log Hard, dark greenish grey, noncalcareous schist / gneiss. Contains abundant pyrite-pyrrhotite-sphalerite as thin bands parallel S1 and S2. 10-20% sulphides. Estimated Zn grade 3-5%. Sphalerite & pyrrhotite fine-grained, disseminated in matrix. Pyrite fine-grained in matrix and as coarse, subhedral grains. Parent difficult to determine - felsic to intermediate volcanic?

DDH 76.M.M-0.7  
2 8

CURRAGH RESOURCES INC.

Page \_\_\_\_\_ of \_\_\_\_\_

Logged by KCF

ASSAY LOG (SAMPLER'S COPY)

Date 05/19/88 Sampled by CLT

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10	14 16	20 22	26 28	30 32	34 36	40 42
	1516110	1516122	41161611	112	112	1111	
	1516122	1516180	41161612	158	163	1111	
	1516180	151736	41161613	150	154	1111	
	151736	1518135	41161614	1105	1105	1111	
	1518135	1519135	41161615	1100	1108	1111	
	1519135	1519173	41161616	138	138	1111	
	1519173	1610118	41161617	145	145	1111	
	1610118	1611105	41161618	187	191	1111	
	1611105	1611177	41161619	172	180	1111	
	1611177	1612153	411616170	176	177	1111	
	1612153	1613137	411616171	184	190	1111	
	1613137	1614110	411616172	173	180	1111	
	1614110	1614130	411616173	120	120	1111	
	1614130	1614135	411616174	105	118	1111	
	1614135	1614150	411616175	115	117	1111	
	1614150	1615132	411616176	182	182	1111	
	1615132	1615161	411616177	129	129	1111	
	1615161	1616158	411616178	197	1105	1111	
	1616158	1617110	411616179	152	156	1111	
	1617110	1617197	411616180	187	190	1111	
	1617197	1618177	411616181	180	180	1111	
	1618177	1619123	411616182	146	148	1111	
	1619123	1710114	411616183	191	195	1111	
	1710114	1710125	411616184	111	111	1111	
	1710125	1710168	411616185	143	143	1111	
	1710168	1711140	411616186	172	181	1111	
	1711140	1712107	411616187	167	168	1111	
	1712107	1712170	411616188	163	164	1111	
	1712170	1712185	411616189	115	117	1111	
	1712185	1713160	411616190	175	178	1111	
	1713160	1714110	411616191	150	151	1111	
	1714110	1715110	1111	111	111	1111	
	1910170	1910194	411616192	124	124	1111	
	1111	1111	1111	111	111	1111	
	1111	1111	1111	111	111	1111	
	1111	1111	1111	111	111	1111	



DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: \_\_\_\_\_

Reference Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

Terr. Plane Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid Co-ords: \_\_\_\_\_

Elevation: \_\_\_\_\_

All symmetry determinations looking

Total Depth: \_\_\_\_\_

\_\_\_\_\_ with \_\_\_\_\_ dipping

Inclination: \_\_\_\_\_

\_\_\_\_\_ 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: \_\_\_\_\_



# DIAMOND DRILL RECORD,

HOLE NO. 77 MM 01

PROPERTY MM

LOGGED BY: J. K. Mortensen

SHEET NUMBER 3 of 14

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 9, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED July 21, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1498'

ELEVATION 5970'

DIP -90°

PROPOSED DEPTH 1500'

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
215.5	217.5	Pyritic and pyrrhotitic quartzite-k-feldspar-muscovite-chlorite-biotite schist as in interval 159.5'- 173.5', but more quartz-rich and with less sulphides.												
217.5	244.0	Non-calcareous slightly graphitic quartzite. Graphite+muscovite+chlorite increases towards bottom.												
244.0	265.5	Fine-grained quartzite with trace amount of graphite and with abundant quartzite-calcite veining. Locally highly limonitic. Locally minor pyrite in vein material. S <sub>2</sub> at 65° to axis throughout.												
265.5	271.5	Fault zone - highly sheared and brecciated 265.5'- 267.0'; Gouge development 267.0' - 271.5'.												
271.5	480.0	Non-calcareous quartzite with narrow diffuse, slightly graphitic bands. Becomes slightly												

- Continued -

# DIAMOND DRILL RECORD,

## HOLE NO. 77 MM 01

PROPERTY \_\_\_\_\_

MM

LOGGED BY: J. K. Mortensen

SHEET NUMBER 4 of 14

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 9, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED July 21, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1498'

ELEVATION 5970'

DIP -90°

PROPOSED DEPTH 1500'

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
271.5	480.0	- Continued - calcareous in bottom 100'. Decreasing graphite content downwards. Abundant slightly limonitic quartz-veining at 299.5'- 303.0'. Fault gouge at 309.0', 317.0' - 318.0' and 359.5'.												
480.0	483.0	Slightly calcareous clean quartzite with occasional clots (clasts?) of calcite+chlorite with limonitic haloes.												
483.0	498.0	Non-calcareous schistose quartzite with abundant rhodonite(?) -rich bands to 2 cm. thick (make up approximately 20% of rock).												
498.0	511.5	Serpentinized ultramafic (greater than 90% serpentinite). Highly sheared and brecciated with calcite-cement (frame work supported).												
511.5	529.0	Quartzite-K-feldspar-chlorite-muscovite schist. slightly calcareous throughout. Minor quartz-												

- Continued -



# DIAMOND DRILL RECORD,

HOLE NO. 77 MM, 01

PROPERTY \_\_\_\_\_ MM \_\_\_\_\_

LOGGED BY: J. K. Mortensen

SHEET NUMBER 6 of 14

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 9, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED July 21, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1498'

ELEVATION 5970'

DIP -90

PROPOSED DEPTH 1500'

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
629.0	679.5	As in interval 582.0'- 600.5' with more garnet. Non-calcareous. 5-10% biotite throughout. Traces of sphalerite increasing towards bottom. Approx. 15% sphalerite at 676.0'- 679.5' with traces of galena.												
679.5	713.5	Well-banded chlorite-quartzite-biotite schist. Biotite concentrated in bands less than 1 mm. thick. Talc increases downwards. Minor cordierite(?) at 711.0'- 713.5'. Pyrite, pyrrhotite and traces of sphalerite disseminated throughout.												
713.5	716.0	Very slightly graphitic quartzite-K-feldspar-muscovite schist with minor banded cordierite(?) throughout.												
716.0	762.5	Well-banded chlorite-quartzite-muscovite-biotite schist. Locally abundant garnet porphyroblasts to 2 mm. diameter. Minor cordierite in bands at												

716.0'- 723.0'.



# DIAMOND DRILL RECORD,

MM

PROPERTY \_\_\_\_\_

HOLE NO. 77 MM 01

LOGGED BY: J. K. Mortensen

SHEET NUMBER 8 of 14

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 9, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED July 21, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1498'

ELEVATION 5970'

DIP -90°

PROPOSED DEPTH 1500'

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
794.0	799.0	As in interval 786.5' - 793.0' with less chlorite, more biotite, more pyrite.												
799.0	809.5	Locally garnetiferous (from 809.0') talc-chlorite-quartzite-muscovite schist. Highly pyritic and pyrrhotitic. Traces of chalcopryrite throughout increasing downwards. Talc content increases downwards.	8003	808.5 -813.5	0.13	0.02	0.58	3.06						
809.5	829.0	Garnetiferous quartzite-chlorite-biotite-muscovite-talc schist. 2-4% sphalerite. Mainly banded (locally with galena and chalcopryrite in center of bands) and minor disseminated sphalerite.	8004	813.5 -818.5	0.48	0.02	3.20	6.00						
			8001	818.5 -823.5	0.15	0.02	0.70	1.42						
			8002	823.5 -828	0.18	0.03	0.76	1.64						
			8005	828 -833	0.06	TR	0.10	0.17						
829.0	843.0	Garnetiferous quartzite-chlorite-talc schist with minor disseminated sphalerite.	8006	833 -837.5	TR	TR	0.05	0.12						
			8007	837.5 -842.5	0.06	0.03	0.03	0.14						
843.0	873.0	Pyritic talc-quartzite-chlorite schist with traces of disseminated sphalerite and chalcopryrite.	8008	865.5 -870.5	0.12	0.01	0.10	0.33						
			8009	870.5 -875.5	0.09	0.02	0.31	0.89						
873.0	878.0	Well-banded garnetiferous quartzite-chlorite-	8010	875.5 -880.5	0.15	0.02	0.21	1.06						

- Continued -

# DIAMOND DRILL RECORD,

HOLE NO. 77 MM 01

PROPERTY MM

LOGGED BY: J. K. Mortensen

SHEET NUMBER 9 of 14

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 9, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED July 21, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1498'

ELEVATION 5970'

DIP -90°

PROPOSED DEPTH 1500'

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
873.0	878.0	- Continued -												
		muscovite-talc schist with 2-4% banded sphalerite.												
878.0	921.5	Pyritic quartzite-chlorite-biotite-muscovite-talc schist. Non-calcareous.	8011	904.5 -909.0	0.18	0.10	0.24	2.35						
			8012	909.0 -912	0.11	0.01	0.12	0.47						
921.5	942.0	As above but with approximately 4% bands sphalerite. Porphyroblasts of pyrite to 2 mm. diameter within the sphalerite-rich bands. Locally galena cores in the sphalerite-rich bands. Sphalerite is dark brown throughout but honey-coloured at 934.0' - 934.5'.	8013	918 -923	0.09	0.03	0.11	0.83						
			8014	923 -925.5	0.12	0.07	0.24	1.42						
			8015	925.5 -927.5	0.37	0.15	0.80	5.60						
			8016	927.5 -932.5	0.18	0.04	0.30	1.92						
			8017	932.5 -937.5	0.22	0.07	0.34	4.32						
			8037	937.5 -942.5	0.18	0.02	0.06	2.35						
942.0	963.5	As in interval 878.0' - 921.5' with traces of sphalerite.												
963.5	987.0	Quartzite-chlorite schist. Locally garnetiferous. Abundant banded sphalerite (6-8% by volume). Almost massive bands of pyrrhotite at 971.5'-973.0' and 974.0' - 975.0'.	8018	963 -967	0.04	0.02	0.05	0.65						
			8019	967 -971	0.09	0.12	0.13	1.63						
			8020	971 -976	0.13	0.38	0.10	7.73						
			8021	976 -981	0.10	.28	0.07	4.03						

- Continued -

## DIAMOND DRILL RECORD,

HOLE NO. 77 MM 01

PROPERTY \_\_\_\_\_ MM

LOGGED BY: J. K. Mortensen

SHEET NUMBER 10 of 14

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 9, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED July 21, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1498'

ELEVATION 5970'

DIP -90°

PROPOSED DEPTH 1500'

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
963.5	987.0	- Continued -												
			8022	981 -985	0.07	0.26	0.03	1.68						
			8023	985 -989	0.44	0.75	0.11	3.50						
987.0	1035.0	Well-banded quartzite-chlorite-garnet schist.	8024	989 -994	0.04	0.03	0.02	0.08						
		Occasional bands to 2 cm. thick of pyrrhotite+	8025	994 -998.5	0.06	0.04	0.02	0.18						
		pyrite+minor chalcopyrite. Several narrow bands of	8051	998.5 -1004	0.03	0.40	0.02	0.10						
		sphalerite at 1028.0'- 1029.0'. Blue-green	8052	1004 -1009	0.06	0.24	0.01	0.16						
		fluorite in quartz-vein at 1018'. Cordierite	8053	1009 -1014	0.13	0.09	0.13	0.52						
		appears as discrete irregular crystals (blasts?)	8054	1014 -1017	0.04	0.31	0.03	0.27						
		at 1019.0' and as a band approximately 1 cm. thick	8055	1014 -1021.5	0.03	0.30	0.03	0.25						
		at 1033.0'.	8056	1021.5 -1026.5	0.04	0.07	0.02	0.10						
			8057	1026.5 -1030	0.12	0.07	0.14	0.29						
			8058	1030 -1035	ND	0.07	0.03	0.51						
1035.0	1056.0	As above but with more abundant sphalerite and	8059	1035 -1040	0.18	0.39	0.02	0.64						
		chalcopyrite. Approximately rectangular cordier-	8060	1040 -1045	0.07	0.19	0.05	0.97						
		ite blasts(?) to 5 mm. diameter at 1037.5'.	8061	1045 -1049	0.09	0.37	0.02	1.68						

- Continued -

# DIAMOND DRILL RECORD,

HOLE NO. 77 MM 01

PROPERTY MM

LOGGED BY: J.K. Mortensen

SHEET NUMBER 11 of 14

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 9, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED July 21, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1498'

ELEVATION 5970'

DIP -90°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
1035.0	0156.0	- Continued -												
		Approximately 0.5% chalcopyrite, 1% sphalerite.	8062	1049 -1054	0.03	0.14	0.01	0.63						
			8063	1054 -1060	0.16	0.29	0.10	3.37						
1056.0	1063.0	As above but with approximately 25% banded sphalerite, 2% banded chalcopyrite, and minor banded pyrrhotite and disseminated pyrite.	8064	1060 -1062.5	0.66	0.31	0.67	17.5						
1063.0	1065.0	As above but with approximately 6% banded sphalerite and minor banded and stringer chalcopyrite.	8065	1062.5 -1067.5	0.57	0.61	0.52	10.3						
1065.0	1068.0	As above with approximately 20% banded sphalerite, 0.5% chalcopyrite.												
1068.0	1084.0	Well-banded quartzite-chlorite schist, locally slightly garnetiferous. Approximately 4% banded sphalerite throughout. Decreases in bottom 8' of interval. Traces of cordierite associated with sphalerite at 1071.0'.	8066	1067.5 -1072.5	0.16	0.21	0.10	3.20						
			8067	1072.5 -1077	0.04	0.08	0.05	3.09						
			8068	1077 -1081	0.04	0.09	0.08	2.39						
			8069	1081 -1086	0.03	0.02	0.01	0.27						



# DIAMOND DRILL RECORD,

## HOLE NO. 77 MM 01

PROPERTY \_\_\_\_\_

MM

LOGGED BY: J.K. Mortensen

SHEET NUMBER 13 of 14

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 9, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED July 21, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1498'

ELEVATION 5970'

DIP -90°

PROPOSED DEPTH 1500'

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
1163.0	1173.0	Thinly interbanded quartzite-muscovite schist as above and quartzite-chlorite-biotite-muscovite schist as in interval 1150.0'- 1160.0', bands to 10 cm. thick, average 2 cm.												
1173.0	1218.0	Slightly to highly graphitic fine-grained quartzite, locally slightly pyritic.												
1218.0	1231.0	Pyritic quartzite-muscovite-chlorite-biotite schist.												
1231.0	1233.5	As in interval 1173.0'- 1218.0' but with more muscovite+chlorite.												
1233.5	1304.0	Rhyolitic agglomerate. Locally fragments to 10 cm. diameter in massive to vaguely schistose rhyolitic matrix.												
1304.0	1305.5	As in interval 1231.0'- 1233.5'.												
1305.5	1358.0	Variable composition quartz-rich schist. Locally slightly graphitic. Locally quartzite-muscovite-chlorite-biotite schist, locally chlorite-quartzite												

- Continued -

# DIAMOND DRILL RECORD,

HOLE NO. 77 MM 01

PROPERTY \_\_\_\_\_ MM \_\_\_\_\_

LOGGED BY: J. K. Mortensen

SHEET NUMBER 14 of 14

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 9, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED July 21, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1498'

ELEVATION 5970'

DIP -90°

PROPOSED DEPTH 1500'

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
1305.5	1358.0	- Continued -												
		-garnet schist. Non-calcareous throughout.												
1358.0	1364.0	Well-banded very fine-grained graphitic quartzite												
		with abundant pyrrhotite+pyrite rich bands to 1 cm. thick.												
1364.0	1390.0	Fine-grained vaguely schistose quartzite. Bands of												
		pyrrhotite+pyrite to 1 cm. thick.												
1390.0	1498.0	Massive to vaguely composition banded rhyolite												
		(may include minor interbanded acid tuffs).												
		Bands of pyrite+pyrrhotite+calcite+chlorite to												
		3 cm. thick average 0.5 cm. thick.												
		END OF HOLE.												



77MM02

# DIAMOND DRILL RECORD,

HOLE NO. 77 MM 02

PROPERTY MM

LOGGED BY: J.K. Mortensen

SHEET NUMBER 1 of 10

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 24, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED August 2, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1268'

ELEVATION \_\_\_\_\_

DIP -90°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0	3.0	Overburden.												
3.0	25.0	Light to dark-grey fine-grained siliceous marble.												
		Abundant quartz-calcite veining throughout.												
25.0	71.5	Interbanded medium to dark-grey fine-grained siliceous dolomite and fine-grained highly calcareous quartzite. Bands to 3' thick, average 2'. Dolomite makes up 60% of unit. Reddish mineral (rhodonite?) in quartzite at 35.0' and 46.0'.												
71.5	74.5	Medium-grey dolomite as above with talc + calcite + chlorite-filled shear zones to 2 cm. thickness. Highly deformed.												
74.5	100.0	Fine-grained medium to dark-grey slightly siliceous dolomite. Sphalerite as fracture filling at 81.5'.												
100.0	109.0	Fine-grained locally slightly calcareous quartzite with narrow diffuse bands of slightly graphitic quartzite. Talc + chlorite-filled shear parallel												

- Continued -







# DIAMOND DRILL RECORD,

HOLE NO. 77 MM 02

PROPERTY \_\_\_\_\_ MM \_\_\_\_\_

LOGGED BY: J.K. Møttensen

SHEET NUMBER 5 of 10

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 24, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED August 2, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1268'

ELEVATION \_\_\_\_\_

DIP -90°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
417.5	460.0	As above but with more quartzite + chlorite, less biotite + garnet. Traces of banded sphalerite at 438.0'. Approximately 15% banded pyrrhotite at 442.0'- 446.0'.												
460.0	482.0	Fine-grained highly pyritic quartzite-chlorite-muscovite schist.												
482.0	496.0	Fine-grained highly pyritic felsic quartz-rich schist with band of above material at 486.0'-488.0'												
496.0	503.0	Fine-grained quartzite-chlorite-biotite-muscovite schist.												
503.0	533.0	Fine-grained, locally massive, locally vaguely composition - banded andesite. Non-calcareous, locally with trace amounts of garnet porphyroblasts to 1 mm. diameter. Minor pyrite associated with quartz-veining.												
533.0	606.5	Fine-grained quartzite-biotite-chlorite schist												

- Continued -

# DIAMOND DRILL RECORD,

HOLE NO. 77 MM 02

PROPERTY MM

LOGGED BY: J.K. Mortensen

SHEET NUMBER 6 of 10

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 24, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED August 2, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1268'

ELEVATION \_\_\_\_\_

DIP -90°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
533.0	606.5	- Continued - (locally massive - rhyolite?). Abundant irregular chlorite + quartzite + calcite clots to 1 cm. diameter. Minor pyrite associated with quartz-calcite veining.												
606.5	625.0	Fine-grained locally massive chloritized pale green volcanic. Locally vaguely banded, slightly calcareous throughout.												
625.0	626.5	As above, but sheared and brecciated; local gouge development.												
626.5	628.0	As in interval 606.5' - 625.0'.												
628.0	630.5	Interbanded volcanic as above and fine-grained pyritic and pyrrhotitic quartzite.												
630.5	647.5	Very well-banded quartzite-biotite-chlorite-muscovite schist with minor disseminated pyrrhotite. Chlorite-rich bands rimmed by felsic quartz-rich												

- Continued -

# DIAMOND DRILL RECORD,

HOLE NO. 77 MM 02

PROPERTY MM

LOGGED BY: J. K. Mortensen

SHEET NUMBER 8 of 10

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 24, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED August 2, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1268'

ELEVATION \_\_\_\_\_

DIP -90°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AC.	CU.	PB.	ZN.			AC.	CU.	PB.	ZN.
853.0	857.5	Fine-grained highly quartz-rich schist with abundant narrow discontinuous bands of chlorite + pyrrhotite + garnet.												
857.5	876.5	Fine-grained quartzite-muscovite-biotite schist with abundant (approx. 10% by volume) garnet porphyroblasts to 1 mm. diameter.												
876.5	899.5	Very fine-grained rhyolite with abundant irregular clots of quartzite + chlorite + calcite, locally rimmed by pyrrhotite.												
899.5	920.0	As above but with fragments of slightly more felsic rhyolite. Fragments are irregular, to 5 cm. diameter, boundaries poorly defined.												
920.0	942.0	Fine-grained muscovite-biotite-quartzite schist with clots (fragments?) of quartz and biotite + quartzite + cordierite. Clots are irregular, to 1 cm. diameter, make up approx. 15% of rock by												

volume.

# DIAMOND DRILL RECORD,

HOLE NO. 77 MM 02

PROPERTY MM

LOGGED BY: J. K. Mortensen

SHEET NUMBER 9 of 10

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED July 24, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED August 2, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1268'

ELEVATION \_\_\_\_\_

DIP -90°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
942.0	1005.5	Fine-grained quartzite-biotite-muscovite schist with abundant clots (fragments?) of quartz or chlorite-quartzite-calcite-pyrrhotite. Becomes distinctly fragmental near bottom of interval. Chlorite-rich fragments are locally rimmed with biotite.												
1005.5	1010.5	Fine-grained slightly chloritic quartzite with abundant (approximately 50% of the rock) irregular clots of chlorite-quartzite.												
1010.0	1148.0	As in interval 942.0' - 1005.5'. Fragments are locally distinct, range up to 20 cm. diameter, average 1 cm. Occasional large fragments (or inter-												
		bands?) of preceding material.												
1148.0	1268.0	Interbanded quartzite-biotite-muscovite-chlorite schist and very fine-grained quartzite with abundant chlorite + quartzite + calcite +												

- Continued -



DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: \_\_\_\_\_

Reference Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

Terr. Plane  
Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid  
Co-ords: \_\_\_\_\_

Elevation: \_\_\_\_\_

All symmetry determinations looking

Total Depth: \_\_\_\_\_

\_\_\_\_\_ with \_\_\_\_\_ dipping

Inclination: \_\_\_\_\_

\_\_\_\_\_ 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: \_\_\_\_\_



77MM03





# DIAMOND DRILL RECORD,

## HOLE NO. \_\_\_\_\_

77 MM 03

PROPERTY \_\_\_\_\_

MM

LOGGED BY: J. K. Mortensen

SHEET NUMBER 3 of 7

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED August 5, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED August 14, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1477'

ELEVATION 5780'

DIP -90°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
740.0	765.0	Pyritic quartzite-biotite-chlorite-muscovite schist Locally slightly garnetiferous (to 3% garnet, to 1 mm diameter). Traces of banded sphalerite at 751.0'.												
765.0	801.5	Pyritic slightly graphitic quartzite locally with abundant chlorite + biotite. Minor banded sphalerite and traces of galena at 789.0', 791.0'-792.0', and 794.0'.												
801.5	807.0	Quartzite-muscovite-chlorite schist. Moderately pyritic. Highly sheared and brecciated in lower 3' of interval.												
807.0	813.0	Highly pyritic and pyrrhotitic quartzite-muscovite-chlorite schist, locally with minor disseminated sphalerite.												
813.0	823.5	Highly pyritic quartzite-muscovite-chlorite schist with minor banded sphalerite at 815.0' and 820.0'.	8072	813.5 -818.5	0.15	0.01	0.15	0.31						

- Continued -

# DIAMOND DRILL RECORD,

HOLE NO. 77 MM 03

PROPERTY \_\_\_\_\_

MM

LOGGED BY: J. K. Mortensen

SHEET NUMBER 4 of 7

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED August 5, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED August 14, 1977

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 1477'

ELEVATION 5780'

DIP -90°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
813.0	823.5	- Continued - Highly sheared with some gouge development at 816.0' - 822.0'. Abundant quartzite - sweats.	8073	818.5 -823.5	0.06	0.03	0.03	0.11						
823.5	825.5	Quartzite-chlorite-muscovite schist with abundant banded sphalerite and pyrite and minor pyrrhotite, galena, and chalcopyrite.	8074	823.5 -826	0.73	0.74	1.60	5.70						
825.5	836.0	Massive sulphides (sphalerite-pyrrhotite-pyrite- galena-chalcopyrite) locally with minor inter- banded quartzite-muscovite schist. Felsic frag- ments of rhyolitic (?) composition to 1 cm. diameter Also small quartz-eyes to 0.5 cm. diameter locally developed.	8075 8026 8027 8028 8029	826.0 -828.5 828 -830.5 830.5 -832.5 832.5 -835 835 -840 840 -845	2.54 1.37 4.35 5.69 0.50	2.15 1.19 1.20 0.70 0.48	4.35 2.58 9.00 15.3 0.77	12.3 7.56 19.0 15.3 4.95						
836.0	871.0	Quartzite-chlorite-muscovite schist with banded chalcopyrite and sphalerite and minor pyrrhotite and galena. Locally slightly garnetiferous.	8030 8031 8032 8033	845 -849.5 849.5 -854.5 854.5 -859.5	0.26 0.44 1.37 0.73	0.58 0.52 1.95 0.98	0.20 0.17 0.45 0.25	2.20 2.55 3.50 1.88						

- Continued -

# DIAMOND DRILL RECORD,

HOLE NO. 77 MM 03

PROPERTY MM

LOGGED BY: J.K. Mortensen

SHEET NUMBER 5 of 7 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED August 5, 1977  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED August 14, 1977  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH 1477'  
 ELEVATION 5780' DIP -90° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
836.0	871.0	- Continued -												
			8034	859.5 -864.0	0.18	0.27	0.07	0.70						
			8035	864.0 -869.0	0.12	0.12	0.07	2.50						
871.0	877.0	Quartzite-muscovite-chlorite schist (locally slightly micaceous quartzite) with minor banded and stringer pyrite, pyrrhotite and sphalerite.	8036	869.0 -873.5	0.06	0.09	0.03	0.74						
877.0	887.0	Well-banded quartzite-biotite-muscovite schist.												
887.0	923.0	Poorly-banded quartzite-biotite-muscovite schist with minor chlorite and disseminated pyrite.												
923.0	987.6	Variable composition quartzite-muscovite schist; locally banded quartzite with micaceous partings, locally more biotite+chlorite-rich. Disseminated pyrite and pyrrhotite throughout, locally minor banded pyrite and stringer pyrrhotite.												
987.6	1014.0	Well-banded quartzite-muscovite-biotite-chlorite schist with minor disseminated pyrite and												

- Continued -





DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: \_\_\_\_\_

Reference Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

Terr. Plane  
Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid  
Co-ords: \_\_\_\_\_

Elevation: \_\_\_\_\_

All symmetry determinations looking

Total Depth: \_\_\_\_\_

\_\_\_\_\_ with \_\_\_\_\_ dipping

Inclination: \_\_\_\_\_

\_\_\_\_\_ 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 \_\_\_\_\_

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			
R					A, T, C, O, L, L, A, R,

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

72M04



# DIAMOND DRILL RECORD,

HOLE NO. 77 MM 04

PROPERTY \_\_\_\_\_

MM

LOGGED BY: J.K. Mortensen

SHEET NUMBER 2 of 4

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED August 16, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED August 25, 1977

DEPARTURE \_\_\_\_\_

BEARING 320°

ULTIMATE DEPTH 1145'

ELEVATION \_\_\_\_\_

DIP -60°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
450.0	463.0	Fine-grained calc-silicate schist. Well-banded, highly deformed.												
463.0	572.0	Interbanded moderately to highly graphitic marble and locally chloritic calc-silicate schist as above. Marble dominant (80%) in upper 10' decreases rapidly downwards. Bottom 50' of section 90% calc-silicate schist.												
572.0	690.5	Pelitic schist (quartzite-muscovite-biotite-chlorite) locally moderately to highly garnetiferous. Chlorite increases downwards for upper 20' of interval, then decreases with increasing biotite. Garnet decreases, quartz increases downwards. Minor banded sphalerite at 592.0'. Minor disseminated pyrite throughout.												
690.5	750.0	Highly pyritic quartzite-muscovite-chlorite-bitotite schist and minor quartzite. Minor disseminated.												

--Continued--

# DIAMOND DRILL RECORD,

HOLE NO. 77 MM 04

PROPERTY \_\_\_\_\_ MM

LOGGED BY: J. K. Mortensen

SHEET NUMBER 3 of 4

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED August 16, 1977

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED August 25, 1977

DEPARTURE \_\_\_\_\_

BEARING 320°

ULTIMATE DEPTH 1145'

ELEVATION \_\_\_\_\_

DIP -60°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
690.5	750.0	- Continued - pyrrhotite, increasing downwards. Minor banded sphalerite at 749.5' - 750.0'.												
750.0	800.0	Highly garnetiferous chlorite-quartzite-biotite schist. Minor banded sphalerite at 750.0' - 750.5' and 789.5' - 790.0'.	8038	799.5 -804.5	0.40	0.13	0.43	3.90						
800.0	814.0	Garnetiferous pelitic schist (quartzite-chlorite-muscovite-biotite) with approximately 3-4% banded sphalerite, 1-2% disseminate pyrite, and traces of chalcopyrite associated with the sphalerite bands.	8039	804.5 -809.5	0.18	0.05	0.09	1.82						
			8040	809.5 -814.5	0.15	0.04	0.05	2.17						
814.0	855.0	Garnetiferous pelitic schist as above, locally muscovite rich. Minor banded sphalerite (1%) at 831.0' - 834.0'.												
855.0	876.0	Garnetiferous pelitic schist as above with approximately 1% banded sphalerite throughout.												
876.0	927.0	Garnetiferous pelitic schist as above with traces												

- Continued -



*	124	127	37.8	38.7	1	Mbs	Mbs	Y
	127	143	38.7	43.6	53	Mva1	Mva1	Y
	143	145	43.6	44.2	5	Mbb		Y
	145	294	44.2	89.6	53	Mva1	CTRcs+Mva1	Y
*	294	298	89.6	90.8	1	Mbs	Mbs	Y
	298	320	90.8	97.5	53	Mva1	CTRcs+Mva1	Y
	320	321	97.5	97.8	1	Mbb		Y
	321	404	97.8	123.1	53	Mva1	Mva1	Y
	404	412	123.1	125.6	5	Mbb		Y
	412	430	125.6	131.1	1	Mbs	Mbs	Y
	430	433	131.1	132.0	5	Mbb		Y
	433	439	132.0	133.8	1	Mbs	Mbs	Y
	439	463	133.8	141.1	58	uDMs	uDMs	Y
	463	464	141.1	141.4	1	Mbs	Mbs	Y
	464	510	141.4	155.4	52	Mva2	Mva2?	Y
	510	518	155.4	157.9	62	CTRcs	CTRcs	Y
	518	529	157.9	161.2	62	CTRcs	CTRcs	Y
	529	548	161.2	167.0	62	CTRcs	CTRcs	Y
	548	557	167.0	169.8	62	CTRcs	CTRcs	Y
	557	565	169.8	172.2	53	Mva1	Mva1	Y
	565	583	172.2	177.7	52	Mva2	Mva2?	Y
	583	595	177.7	181.4	62	CTRcs	CTRcs	Y
	595	620	181.4	189.0	53	Mva1	Mva1	Y
	620	623	189.0	189.9	51	Mps	Mps	Y
	623	640	189.9	195.1	53	Mva1	Mva1	Y
	640	806	195.1	245.7	53	Mva1	CTRcs+Mva1	Y
	806	870	245.7	265.2	53	Mva1	CTRcs+Mva1	Y
76MM-3	0	197	0.0	60.0	53	Mva1	Mva1	
	197	427	60.0	130.1	62	CTRcs	CTRcs	
	427	812	130.1	247.5	62	CTRcs	CTRcs+Mva1	
	812	927	247.5	282.5	53	Mva1	Mva1	
76MM-4	0	18	0.0	5.5	53	Mva1	Mva1	Y
	18	37	5.5	11.3	62	CTRcs	CTRcs	Y
*	37	42	11.3	12.8	1	Mbs	Mbs	Y
	42	43	12.8	13.1	5	Mbb		Y
	43	47	13.1	14.3	53	Mva1	Mva1	Y
*	47	51	14.3	15.5	1	Mbs	Mbs	Y
	51	57	15.5	17.4	53	Mva1	Mva1	Y
*	57	61	17.4	18.6	51	Mbs	Mbs	Y
	61	134	18.6	40.8	53	Mva1	Mva1	Y
	134	427	40.8	130.1	62	CTRcs	CTRcs	N
76MM-5	0	17	0.0	5.2	51	Mps	Mps	N
	17	64	5.2	19.5	53	Mva1	Mva1	N
	64	145	19.5	44.2	62	CTRcs	CTRcs?	N
	145	152	44.2	46.3	53	Mva1	Mva1?	N
	152	195	46.3	59.4	51	Mps	Mps	N
	195	298	59.4	90.8	52	Mva2	Mva2	N
	298	380	90.8	115.8	62	CTRcs	CTRcs?	N
	380	602	115.8	183.5	53	Mva1	Mva1	Y
	602	666	183.5	203.0	51	Mps	Mps	Y

	666	689	203.0	210.0	52	Mva2	Mva2	Y
	689	700	210.0	213.4	51	Mps	Mps	Y
76MM-6	0	71	0.0	21.6	51	Mps	Mps	Y
	71	143	21.6	43.6	62	CTRcs	CTRcs	Y
	143	355	43.6	108.2	52	Mva2	Mva2	Y
	355	364	108.2	110.9	62	CTRcs	CTRcs	Y
*	364	372	110.9	113.4	1	Mbs	Mbs	Y
	372	385	113.4	117.3	52	Mva2	Mva2	Y
	385	518	117.3	157.9	51	Mps	Mps	Y
*	518	532	157.9	162.2	1	Mbs	Mbs	Y
	532	557	162.2	169.8	62	CTRcs	CTRcs	Y
	557	602	169.8	183.5	53	Mva1	Mva1	Y
	602	623	183.5	189.9	62	CTRcs	CTRcs	Y
	623	676	189.9	206.0	58	uDMs	Mva1+uDMs	Y
	676	993	206.0	302.7	62	CTRcs	CTRcs	Y
	993	1048	302.7	319.4	52	Mva2	Mva2	Y
76MM-7	0	216	0.0	65.8	62	CTRcs	CTRcs	Y
	216	562	65.8	171.3	52	Mva2	Mva2	Y
	562	617	171.3	188.1	3	Mva2	Mva2?	Y
	617	643	188.1	196.0	53	Mva1	Mva1	Y
	643	645	196.0	196.6	1	Mbs	Mbs	Y
	645	653	196.6	199.0	4	Mva1	Mva1	Y
	653	656	199.0	199.9	1	Mbs	Mbs	Y
	656	666	199.9	203.0	4	Mva1	Mva1	Y
	666	692	203.0	210.9	4	Mva1		Y
	692	701	210.9	213.7	1	Mps	Mps	Y
	701	702	213.7	214.0	5	Mbb	Mbs	Y
	702	707	214.0	215.5	1	Mbs		Y
	707	714	215.5	217.6	53	Mva1	Mva1	Y
	714	727	217.6	221.6	53	Mva1		Y
	727	728	221.6	221.9	1	Mbs	Mbs	Y
	728	741	221.9	225.9	4	Mva1	Mva1	Y
	741	746	225.9	227.4	53	Mva1	Mva1	Y
	746	749	227.4	228.3	53	Mva1		Y
	749	774	228.3	235.9	62	CTRcs	CTRcs	Y
	774	808	235.9	246.3	53	Mva1	Mva1	Y
	808	828	246.3	252.4	62	CTRcs		Y
	828	933	252.4	284.4	62	CTRcs	CTRcs	Y
77MM-1	0	498	0.0	151.8	22	SDq	SDq	N
	498	511	151.8	155.8	70	CPaub	CPaub	N
	511	1084	155.8	330.4	2	Mps	Mps	N
	1084	1155	330.4	352.0	53	Mva1	Mva1	N
	1155	1233	352.0	375.8	53	Mva1	Mva1+Mps	N
	1233	1304	375.8	397.5	53	Mva1	Mva1	N
	1304	1390	397.5	423.7	53	Mva1	Mva1	N
	1390	1498	423.7	456.6	55	My	My	N
77MM-2	0	230	0.0	70.1	22	SDq	SDq	N
	230	248	70.1	75.6	62	CTRcs	CTRcs	N

	248	460	75.6	140.2	51	Mps	Mps	N
	460	503	140.2	153.3	53	Mva1	Mva1	N
	503	533	153.3	162.5	52	Mva2	Mva2	N
	533	606	162.5	184.7	53	Mva1	Mva1	N
	606	630	184.7	192.0	53	Mva1	Mva1	N
	630	823	192.0	250.9	51	Mps	Mps + uDMs	N
	823	853	250.9	260.0	53	Mva1	Mva1	N
	853	876	260.0	267.0	51	Mps	Mps+Mva1	N
	876	900	267.0	274.3	53	Mva1	Mva1	N
	900	920	274.3	280.4	53	Mva1	Mva1	N
	920	1005	280.4	306.3	51	Mps	Mps	N
	1005	1268	306.3	386.5	51	Mps	Mps	N

77MM-3

	0	205	0.0	62.5	22	SDq	SDq	N
	205	264	62.5	80.5	70	CPaub	CPaub	N
	264	322	80.5	98.1	62	CTRcs	CTRcs	N
	322	327	98.1	99.7	70	CPaub	CPaub	N
	327	571	99.7	174.0	62	CTRcs	CTRcs	N
	571	801	174.0	244.1	51	Mps	Mps+Mva1	N
	801	825	244.1	251.5	4	Mva1	Mva1	N
*	825	836	251.5	254.8	1	Mbs	Mbs	N
*	836	877	254.8	267.3	4	Mva1	Mva1	N
	877	923	267.3	281.3	52	Mps	Mps	N
	923	1015	281.3	309.4	53	Mva1	Mva1	N
	1015	1087	309.4	331.3	53	Mva1	Mva1+uDMs	N
	1087	1477	331.3	450.2	55	My	My	N

77MM-4

	0	428	0.0	130.5	22	SDq	SDq	N
	428	439	130.5	133.8	70	CPaub	CPaub	N
	439	450	133.8	137.2	70	CPaub		N
	450	572	137.2	174.3	62	CTRcs	CTRcs	N
	572	800	174.3	243.8	51	Mps	Mps	N
	800	814	243.8	248.1	51	Mps	Mps	N
	814	927	248.1	282.5	51	Mps	Mps	N
	927	1100	282.5	335.3	51	Mps	Mps	N
	1100	1145	335.3	349.0	53	Mva1	Mva1	N

96MM-1

	0	260	0.0	79.2	20	SDA		
	260	303	79.2	92.4	70	CPaub		
	303	407	92.4	124.1	62	CTrcs		
	407	411	124.1	125.3	70	CPaub		
	411	476.5	125.3	145.2	62	CTRcs		
	476.5	680	145.2	207.3	51	Mps		
	680	803	207.3	244.8	4	Mva1		
	803	837	244.8	255.1	53	Mva1		
	837	957	255.1	291.7	4	Mva1		
	957	976	291.7	297.5	53	Mva1		
	976	1025.5	297.5	312.6	55	My		
	1025.5	1140	312.6	347.5	4	Mva1		
	1140	1190	347.5	362.7	55	My		
	1190	1267	362.7	386.2	53	Mva1		
	1267	1627	386.2	495.9	53	Mva1		

96MM-2

	0	221	0.0	67.4	20	SDA		
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221	229	67.4	69.8	70	CPaub
229	324	69.8	98.8	62	CTRcs
324	337	98.8	102.7	70	CPaub
337	390	102.7	118.9	62	CTRcs
390	637.5	118.9	194.3	62	CTRcs
637.5	726.5	194.3	221.4	62	CTRcs
726.5	844	221.4	257.3	4	Mva1
844	865	257.3	263.7	1	Mbs
865	876.5	263.7	267.2	4	Mva1
876.5	943	267.2	287.4	51	Mps
943	957	287.4	291.7	4	Mva1
957	964	291.7	293.8	53	Mva1
964	1059	293.8	322.8	51	Mps
1059	1076	322.8	328.0	55	My
1076	1093.5	328.0	333.3	53	Mva1
1093.5	1119.5	333.3	341.2	55	My
1119.5	1133.5	341.2	345.5	53	Mva1
1133.5	1177	345.5	358.7	55	My
1177	1274	358.7	388.3	51	Mps
1274	1528	388.3	465.7	55	My

96MM-3	0	435	0.0	132.6	20	SDA
	435	446.5	132.6	136.1	70	CPaub
	446.5	453	136.1	138.1	62	CTRcs
	453	459.5	138.1	140.1	20	SDA
	459.5	469	140.1	143.0	62	CTRcs
	469	485	143.0	147.8	70	CPaub
	485	709	147.8	216.1	62	CTRcs
	709	758	216.1	231.0	1	Mbs
	758	790	231.0	240.8	4	Mva1
	790	850.5	240.8	259.2	53	Mva1
	850.5	891	259.2	271.6	51	Mps
	891	943	271.6	287.4	2	Mps
	943	966	287.4	294.4	51	Mps
	966	1002	294.4	305.4	53	Mva1
	1002	1084	305.4	330.4	53	Mva1
	1084	1175	330.4	358.1	4	Mva1
	1175	1296.5	358.1	395.2	53	Mva1
	1296.5	1311.5	395.2	399.7	55	My
	1311.5	1366	399.7	416.4	53	Mva1
	1366	1540	416.4	469.4	55	My
	1540	1580	469.4	481.6	53	Mva1
	1580	1591	481.6	484.9	53	Mva1

96MM-4	0	420	0.0	128.0	20	SDA
	420	431	128.0	131.4	62	CTRcs
	431	439	131.4	133.8	70	CPaub
	439	539	133.8	164.3	62	CTRcs
	539	541.5	164.3	165.0	70	CPaub
	541.5	553	165.0	168.6	62	CTRcs
	553	644.5	168.6	196.4	62	CTRcs
	644.5	766.5	202.5	233.6	51	Mps
	766.5	780	233.6	237.7	53	Mva1
	780	839	237.7	255.7	1	Mbs
	839	846	255.7	257.9	4	Mva1
	846	945	257.9	288.0	53	Mva1

945	1006	288.0	306.6	4	Mva1
1006	1071	306.6	326.4	53	Mva1
1071	1162	326.4	354.2	53	Mva1
1162	1197	354.2	364.8	4	Mva1
1197	1241	364.8	378.3	53	Mva1
1241	1396	378.3	425.5	55	My
1396	1450	425.5	442.0	53	Mva1

## Description

Pyritic sericite-quartz phyllite

Slightly calcareous, pyritic quartzite

Biotite-calcite calc-silicate phyllite with lesser interbands of muscovite-chlorite schist

Slightly calcareous, pyritic quartzite

Pyritic sericite-quartz+-biotite+-garnet+-chlorite phyllite to quartzite

Dark green, chlorite-biotite-quartz-garnet phyllite / greenstone

Pyritic, noncalcareous, muscovite-quartz phyllite

Carbonaceous quartzite

Pale grey quartz-muscovite-chlorite-garnet+-biotite phyllite

Pale grey quartz-muscovite+-biotite+-chlorite quartzite transitional to phyllite

Slightly dolomitic, creamy white quartzite

Biotite-quartz calc-silicate phyllite/schist

Medium grey, slightly pyritic calcite marble

Biotite-quartz calc-silicate schist with short carbonaceous intervals

Dark green chlorite-quartz-muscovite schist; serpentinized ultramafic transitional to greenstone

Medium grey green, chlorite-muscovite-quartz schist

Dolomite with lesser calcite interbeds

Slightly carbonaceous quartzite interbanded with biotite-chlorite schist

Silicated dolomitic marble interbanded with siliceous graphitic schist

Quartz-feldspar-biotite-chlorite+-garnet schist to granulite, locally graphitic

Quartz-muscovite-chlorite schist with banded pyritic sulphides

Quartz-muscovite-chlorite schist with banded sulphides + Massive pyritic sulphides with barite

Coarsely crystalline quartz-muscovite-chlorite schist

Banded biotite-quartz-chlorite schist

Light grey chloritic quartzite

Banded biotite-chlorite-quartz schist with some graphitic intervals

Pale grey muscovite-quartz schist

Biotite-muscovite-chlorite-quartz schist transitional to quartzite - variably carbonaceous

Noncalcareous, pale silvery green, muscovite-chlorite-quartz-sulphide quartzite

Dark brown biotite-quartz-hornblende schist

Brown to grey, biotite-muscovite-chlorite-quartz-garnet schist to quartzite

Muscovite-quartz quartzite with banded sulphides

Pale grey muscovite-quartz schist

Banded biotite-muscovite-quartz schist

Pale grey muscovite-quartz schist

Banded biotite-muscovite-quartz schist

Pale grey, pyritic muscovite-quartz schist

Banded biotite-muscovite-quartz schist

Pale grey muscovite-quartz schist to quartzite

Brecciated massive sulphides + barite -calcite  
Pale grey muscovite-quartz schist  
Calcareous, pyritic, baritic quartzite  
Interbanded pyritic muscovite-quartz schist and biotite-muscovite-quartz calc-silicate schist  
Poorly banded pyritic sulphides  
Interbanded calcareous biotite-muscovite calc-silicate schist and muscovite-quartz schist  
Massive granular barite  
Pyritic muscovite-quartz-calcite schist  
Massive granular barite  
Massive pyritic sulphides with barite  
Massive barite  
Massive pyritic sulphides  
Dark grey quartzite with 30-40% sulphide bands  
Massive pyritic sulphides  
Dark brownish green biotite-chlorite-quartz schist  
Biotite-muscovite-quartz-calcite schist  
Schist with 60--80% sulphides flooding  
Calcareous biotite pelite  
Calcareous biotite pelite with sulphides  
Pale greenish grey muscovite-quartz chert or quartzite  
Dark green chlorite-quartz schist with sulphide stringers  
Calcareous biotite-muscovite-quartz schist with sulphides  
Pale grey muscovite-quartz schist transitional to quartzite  
Biotite-muscovite schist  
Chlorite-muscovite-quartz schist with abundant sulphide bands  
Interbanded calcareous biotite schist and pale muscovite-quartz schist - all with sulphide bands  
Interbanded biotite calc-silicate schist and pale grey muscovite quartzite

Light grey quartz-pyrite-sericite schist  
Dark grey green biotite-chlorite-quartz calc-silicate schist  
Interbanded biotite calc-silicate schist and quartzite Leopard spotted chert 708-720 and 731-742.  
Grey quartz-sericite schist

Rust stained sericite schist  
Calcareous biotite-muscovite schist  
Massive sulphides - 80% pyrite in baritic matrix with minor disseminated calcite  
Massive sugary barite with minor disseminated calcite  
Pyritic quartz-sericite schist  
Pyrite  
Calcareous, pyritic, grey chert  
Pyrite with disseminated calcite  
Grey chert with 1-2% disseminated pyrite  
Calc-silicate schist

Dark green to grey banded quartz-chlorite-biotite schist  
Light grey chert  
Quartz-biotite-chlorite schist with 5% calcite  
Leopard chert with 30% chlorite and calcite in grey chert matrix  
Crudely banded chlorite-biotite-quartz schist  
Quartz-feldspar rock with minor chlorite and biotite  
Biotite-chlorite-quartz schist similar to that at 100 feet  
Quartz-calcite-biotite quartzite/chert  
Thinly banded, noncalcareous, biotite-quartz-garnet+-chlorite schist

Dark green chlorite-actinolite-quartz+-garnet+-biotite schist to amphibolite  
Thinly banded, biotite-quartz-garnet-pyrite schist

Noncalcareous biotite-muscovite-chlorite-garnet-quartz schist  
Slightly to moderately calcareous biotite-muscovite-garnet-quartz schist  
Massive, dark brown green, biotite-chlorite meta-andesite  
Calcareous biotite-chlorite-quartz schist  
Sulphide bearing breccia zone  
Homogeneous, biotite-chlorite schist  
Noncalcareous biotite-muscovite-garnet-chlorite-quartz schist  
Granular barite with disseminated pyrite  
Calcareous biotite-quartz-muscovite calc-silicate schist  
Pale grey muscovite-quartz schist to quartzite  
Biotite-calcite-muscovite-quartz calc-silicate schist  
Pale grey quartzite and carbonaceous quartzite  
Biotite-muscovite-quartz-calcite calc-silicate schist  
Homogeneous biotite-calc-silicate quartzite

Biotite-muscovite-quartz-garnet calc-silicate schist  
Psammitic biotite-chlorite-quartz schist  
Dark green to grey green biotite-chlorite-quartz schist with banded sulphides  
Light grey muscovite-quartz schist transitional to quartzite  
Barite + massive pyritic sulphides  
Pyritic quartzite with 40% pyrite  
Calcareous massive pyrite  
Pyritic quartzite with 40% pyrite  
Dark green chlorite schist - locally with sulphide bands  
Biotite-muscovite-quartz chert to quartzite  
Massive granular barite  
Dark greenish grey, noncalcareous chert/quartzite with sulphide bands  
Sericitic muscovite-quartz-chlorite schist  
Muscovite-quartz-hornblende schist  
Massive calcareous pyrite  
Muscovite-chlorite-quartz-calcite schist with sulphide bands  
Muscovite-quartz chert/quartzite  
Quartz vein  
Biotite calc-silicate schist with thin carbonaceous intervals  
Muscovite-quartz schist to quartzite  
Biotite-hornblende schist  
Biotite-hornblende-calcite-muscovite-quartz schist

Askin quartzite with minor dykes present  
Serpentinized ultramafic  
Quartz-muscovite-chlorite-garnet+-biotite schist with local sulphide banding  
Pyritic felsic volcanic  
Mixed felsic muscovite-chlorite-quartz schist and biotite schist  
Rhyolite agglomerate  
Fine grained, vaguely schistose quartzite  
Massive to vaguely banded rhyolite

Askin group quartzite, marble, dolomite  
Calc-silicate schist

Biotite-quartz-muscovite-chlorite schist, locally graphitic  
Pyritic quartz-chlorite-muscovite quartz-rich schist  
Massive to vaguely banded meta-andesite  
Quartz-biotite-chlorite schist; locally massive  
Pale green volcanic  
Quartz-biotite-chlorite pelite with graphitic chert interbeds  
Fine-grained felsic schist with rhyolite(?) fragments - agglomerate?  
Interlayered pelitic and pyritic quartz schist  
Fine grained rhyolite  
Rhyolite agglomerate  
Quartz-biotite-muscovite schist  
Pelitic schist with chlorite-quartz-calcite interbeds

Askin quartzite  
Ultramafic  
Calc-silicate schist  
Ultramafic  
Variably graphitic calc-silicate schist  
Biotite-chlorite-muscovite-quartz schist with interbeds of pyritic muscovite-chlorite schist  
Muscovite-chlorite-quartz schist with banded sulphides  
Massive sulphides  
Quartz-muscovite-chlorite schist with banded sulphides  
Biotite-quartz-muscovite pelite  
Quartz-muscovite+-biotite+-chlorite schist; minor sulphides  
Pyritic quartz-muscovite-chlorite schist with interbanded variably graphitic quartzite  
Very fine-grained quartzite/rhyolite, variably chloritized

Askin quartzite  
Ultramafic  
Breccia zone  
Calc-silicate schist and marble  
Garnet-biotite-muscovite-chlorite schist  
Garnetiferous pelitic schist with banded sulphides  
Pelite schist with minor banded sulphides  
Biotite-quartz-chlorite-muscovite schist  
Rhyolitic agglomerate



Curragh  
Resources  
Inc.

117 Industrial Rd.  
Whitehorse, Yukon Y1A 2T8  
Tel: (403) 668-3578  
Telex: 036 8359

1988 12 12

Bondar Clegg and Company Ltd.  
136 Industrial Rd  
Whitehorse, YT  
Y1A 2V1

Dear Gentlemen;

Enclosed are 192 core samples for analysis. I would like to have the gold + 17 multi-element geochemical analysis package completed for all the samples. Please save all rejects until further notice. Analytical results and invoices should be sent to my attention at the above address.

Thank you.

Yours truly,

CURRAGH RESOURCES INC.

*Lee Pigage*  
Lee Pigage,  
Senior Geologist

## MM Core Samples

Drill ID	From (ft)	To (ft)	Intvl (ft)	Sample #
73MM-01	20.0	38.0	18.0	41501
73MM-01	38.0	41.0	3.0	41502
73MM-01	41.0	52.3	11.3	41503
73MM-01	52.3	63.0	10.7	41504
73MM-01	132.5	138.0	5.5	41505
73MM-01	138.0	145.2	7.2	41506
73MM-01	145.2	153.0	7.8	41507
73MM-01	153.0	159.2	6.2	41508
73MM-01	159.2	168.8	9.6	41509
73MM-01	168.8	178.0	9.2	41510
73MM-01	178.0	188.0	10.0	41511
73MM-01	188.0	198.5	10.5	41512
73MM-01	198.5	209.5	11.0	41513
73MM-01	209.5	219.6	10.1	41514
73MM-01	219.6	228.0	8.4	41515
73MM-01	234.0	239.9	5.9	41516
73MM-01	239.9	250.8	10.9	41517
73MM-01	391.0	396.7	5.7	41518
73MM-01	396.7	403.0	6.3	41519
73MM-02	0.0	30.7	30.7	41521
73MM-02	30.7	40.0	9.3	41522
73MM-02	40.0	50.0	10.0	41523
73MM-02	50.0	59.8	9.8	41524
73MM-02	59.8	70.0	10.2	41525
73MM-02	70.0	78.0	8.0	41526
73MM-02	78.0	87.6	9.6	41527
73MM-02	87.6	96.2	8.6	41528
73MM-02	96.2	105.2	9.0	41529
73MM-02	105.2	114.0	8.8	41530
73MM-02	114.0	123.6	9.6	41531
73MM-02	123.6	132.7	9.1	41532
73MM-02	132.7	137.0	4.3	41533
73MM-02	137.0	146.0	9.0	41534
73MM-02	146.0	159.5	13.5	41535
73MM-02	159.5	162.0	2.5	41536
73MM-02	162.0	163.1	1.1	41537
73MM-02	163.1	170.1	7.0	41538
73MM-02	170.1	175.8	5.7	41539
73MM-02	175.8	181.0	5.2	41540
73MM-02	181.0	189.8	8.8	41541
73MM-02	189.8	199.6	9.8	41542
73MM-02	199.6	202.0	2.4	41543
73MM-02	202.0	209.0	7.0	41544
73MM-02	209.0	214.7	5.7	41545
73MM-02	214.7	218.8	4.1	41546
73MM-02	249.5	254.2	4.7	41547
73MM-02	270.0	275.5	5.5	41548
73MM-02	298.0	300.5	2.5	41549
73MM-02	300.5	308.6	8.1	41550
73MM-02	308.6	312.7	4.1	41551

73MM-02	312.7	320.5	7.8	41552
73MM-02	344.0	354.0	10.0	41553
73MM-02	354.0	364.0	10.0	41554
73MM-02	364.0	374.5	10.5	41555
73MM-02	374.5	383.0	8.5	41556
73MM-02	383.0	391.5	8.5	41557
73MM-02	391.5	402.0	10.5	41558
74MM-01	566.0	569.0	3.0	41520
76MM-01	551.0	558.0	7.0	41559
76MM-01	558.0	565.6	7.6	41560
76MM-01	565.6	572.9	7.3	41561
76MM-01	572.9	580.0	7.1	41562
76MM-01	580.0	588.3	8.3	41563
76MM-01	588.3	594.2	5.9	41564
76MM-01	594.2	600.0	5.8	41565
76MM-02	68.7	76.4	7.7	41566
76MM-02	81.0	86.4	5.4	41567
76MM-02	123.5	124.5	1.0	41568
76MM-02	124.5	127.7	3.2	41569
76MM-02	293.5	297.0	3.5	41570
76MM-02	313.5	320.0	6.5	41571
76MM-02	320.0	321.5	1.5	41572
76MM-02	404.0	412.0	8.0	41573
76MM-02	412.0	415.8	3.8	41574
76MM-02	415.8	425.0	9.2	41575
76MM-02	425.0	430.0	5.0	41576
76MM-02	430.0	433.0	3.0	41577
76MM-02	433.0	439.0	6.0	41578
76MM-02	439.0	448.0	9.0	41579
76MM-02	448.0	455.7	7.7	41580
76MM-02	455.7	463.0	7.3	41581
76MM-02	463.0	464.2	1.2	41582
76MM-02	464.2	474.0	9.8	41583
76MM-02	474.0	484.0	10.0	41584
76MM-02	484.0	494.0	10.0	41585
76MM-02	494.0	502.0	8.0	41586
76MM-02	502.0	510.0	8.0	41587
76MM-02	510.0	518.0	8.0	41588
76MM-02	518.0	527.3	9.3	41589
76MM-02	527.3	538.0	10.7	41590
76MM-02	538.0	548.3	10.3	41591
76MM-02	548.3	557.0	8.7	41592
76MM-02	557.0	565.0	8.0	41593
76MM-02	565.0	575.0	10.0	41594
76MM-02	575.0	586.5	11.5	41595
76MM-02	586.5	597.3	10.8	41596
76MM-02	597.3	605.0	7.7	41597
76MM-02	605.0	613.0	8.0	41598
76MM-02	613.0	620.4	7.4	41599
76MM-02	620.4	623.9	3.5	41600
76MM-02	623.9	625.0	1.1	41601
76MM-02	625.0	633.3	8.3	41602
76MM-02	633.3	640.0	6.7	41603
76MM-02	640.0	651.5	11.5	41604
76MM-02	651.5	661.0	9.5	41605
76MM-02	661.0	671.0	10.0	41606

76MM-02	671.0	678.5	7.5	41607
76MM-02	678.5	687.5	9.0	41608
76MM-02	687.5	689.5	2.0	41609
76MM-02	689.5	695.0	5.5	41610
76MM-02	695.0	701.7	6.7	41611
76MM-02	701.7	708.0	6.3	41612
76MM-02	708.0	717.0	9.0	41613
76MM-02	717.0	726.0	9.0	41614
76MM-02	726.0	728.0	2.0	41615
76MM-02	728.0	737.5	9.5	41616
76MM-02	737.5	742.0	4.5	41617
76MM-02	742.0	747.0	5.0	41618
76MM-02	747.0	757.5	10.5	41619
76MM-02	772.0	776.5	4.5	41620
76MM-02	776.5	786.0	9.5	41621
76MM-02	786.0	792.5	6.5	41622
76MM-02	792.5	796.5	4.0	41623
76MM-02	796.5	801.0	4.5	41624
76MM-02	801.0	806.5	5.5	41625
76MM-02	806.5	813.0	6.5	41626
76MM-02	813.0	822.0	9.0	41627
76MM-02	822.0	824.5	2.5	41628
76MM-02	824.5	832.0	7.5	41629
76MM-04	37.0	42.0	5.0	41630
76MM-04	42.0	43.0	1.0	41631
76MM-04	43.0	47.0	4.0	41632
76MM-04	47.0	51.5	4.5	41633
76MM-04	51.5	57.0	5.5	41634
76MM-04	57.0	61.5	4.5	41635
76MM-04	61.5	65.0	3.5	41636
76MM-04	65.0	68.5	3.5	41637
76MM-05	488.0	498.0	10.0	41652
76MM-05	498.0	508.0	10.0	41653
76MM-05	508.0	518.0	10.0	41654
76MM-05	518.0	530.0	12.0	41655
76MM-05	530.0	538.0	8.0	41656
76MM-05	538.0	548.0	10.0	41657
76MM-05	548.0	558.0	10.0	41658
76MM-05	558.0	568.0	10.0	41659
76MM-05	568.0	578.0	10.0	41660
76MM-06	359.8	364.0	4.2	41638
76MM-06	364.0	372.0	8.0	41639
76MM-06	428.0	430.5	2.5	41640
76MM-06	430.5	432.0	1.5	41641
76MM-06	432.0	440.5	8.5	41642
76MM-06	440.5	450.0	9.5	41643
76MM-06	450.0	460.0	10.0	41644
76MM-06	488.0	496.5	8.5	41645
76MM-06	496.5	500.5	4.0	41646
76MM-06	500.5	511.0	10.5	41647
76MM-06	511.0	518.0	7.0	41648
76MM-06	518.0	523.0	5.0	41649
76MM-06	523.0	528.0	5.0	41650
76MM-06	528.0	532.5	4.5	41651
76MM-07	561.0	562.2	1.2	41661
76MM-07	562.2	568.0	5.8	41662

76MM-07	568.0	573.0	5.0	41663
76MM-07	573.0	583.5	10.5	41664
76MM-07	583.5	593.5	10.0	41665
76MM-07	593.5	597.3	3.8	41666
76MM-07	597.3	601.8	4.5	41667
76MM-07	601.8	610.5	8.7	41668
76MM-07	610.5	617.7	7.2	41669
76MM-07	617.7	625.3	7.6	41670
76MM-07	625.3	633.7	8.4	41671
76MM-07	633.7	641.0	7.3	41672
76MM-07	641.0	643.0	2.0	41673
76MM-07	643.0	643.5	0.5	41674
76MM-07	643.5	645.0	1.5	41675
76MM-07	645.0	653.2	8.2	41676
76MM-07	653.2	656.1	2.9	41677
76MM-07	656.1	665.8	9.7	41678
76MM-07	665.8	671.0	5.2	41679
76MM-07	671.0	679.7	8.7	41680
76MM-07	679.7	687.7	8.0	41681
76MM-07	687.7	692.3	4.6	41682
76MM-07	692.3	701.4	9.1	41683
76MM-07	701.4	702.5	1.1	41684
76MM-07	702.5	706.8	4.3	41685
76MM-07	706.8	714.0	7.2	41686
76MM-07	714.0	720.7	6.7	41687
76MM-07	720.7	727.0	6.3	41688
76MM-07	727.0	728.5	1.5	41689
76MM-07	728.5	736.0	7.5	41690
76MM-07	736.0	741.0	5.0	41691
76MM-07	907.0	909.4	2.4	41692

Bondar-Clegg & Company Ltd.  
130 Pemberton Ave.  
North Vancouver, B.C.  
V7P 2R5  
(604) 985-0681 Telex 04-352667



Geochemical  
Lab Report

RECEIVED JAN 9 1988

CURRACH RESOURCES CORP.  
MR. LEE C. PIGAGE  
117 INDUSTRIAL RD.  
WHITEHORSE, YUKON  
Y1A 2T8

+ + + + +

REPORT: V88-10210.0 ( PARTIAL )

REFERENCE INFO:

CLIENT: CURRAGH RESOURCES CORP.  
 PROJECT: NONE GIVEN

SUBMITTED BY: L. PIGAGE  
 DATE PRINTED: 5-JAN-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold - Fire Assay	192	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Hg	Mercury	192	5 PPB	HNO3-HCL HOT EXTR	Cold Vapour AA
3	Ba	Barium	192	20 PPM		X-RAY Fluorescence
4	Ba	Barium Semi-quant	24	2.0 PCT		X-RAY Fluorescence

RESULTS TO FOLLOW FOR: Ag As Bi Co Cr Cu Mn Mo Ni Pb Sb Se Tl W Zn

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	192	2 -150	192	CRUSH, PULVERIZE	-150 192

NOTES: \* indicates INTERFERENCE NOTED  
 = indicates SEE REMARKS

REMARKS: ERRATIC GOLD RESULTS NOTED:  
 SAMPLE 41563 CHECK = 30 PPB Au  
 SAMPLE 41565 CHECK = 5 PPB Au  
 SAMPLE 41569 CHECK = 178 PPB Au  
 SAMPLE 41572 CHECK = 260 PPB Au  
 SAMPLE 41649 CHECK = 90 PPB Au  
 SAMPLE 41674 CHECK = 186 PPB Au  
 = Ba INTERFERENCE NOTED DUE TO Zn.  
 \* Ba INTERFERENCE NOTED.

ASSAY OF Ag, Pb & Zn TO FOLLOW ON V88-10210.6

REPORT COPIES TO: MR. LEE C. PIGAGE

INVOICE TO: MR. LEE C. PIGAGE

REPORT: V88-10210.0

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Hg PPB	Ba PPM	Ba PCT	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Hg PPB	Ba PPM	Ba PCT
D2 41501		<5	65	6000		D2 41541		<5	15	2600	
D2 41502		<5	50	2800		D2 41542		<5	5	1500	
D2 41503		<5	20	4200		D2 41543		<5	5	1600	
D2 41504		<5	25	2900		D2 41544		<5	5	1500	
D2 41505		<5	15	5400		D2 41545		<5	5	1200	
D2 41506		7	20	7900		D2 41546		<5	15	1700	
D2 41507		18	10	2200		D2 41547		<5	15	1700	
D2 41508		<5	35	6800		D2 41548		<5	10	1400	
D2 41509		<5	15	3700		D2 41549		<5	50	2400	
D2 41510		<5	10	2400		D2 41550		<5	70	2300	
D2 41511		<5	10	5100		D2 41551		<5	15	2000	
D2 41512		<5	10	5000		D2 41552		<5	15	1800	
D2 41513		<5	15	3200		D2 41553		<5	25	1100	
D2 41514		<5	20	3300		D2 41554		<5	15	1700	
D2 41515		<5	5	1400		D2 41555		<5	15	1300	
D2 41516		<5	5	2200		D2 41556		11	20	1800	
D2 41517		<5	5	2100		D2 41557		32	10	1300	
D2 41518		<5	5	1600		D2 41558		5	15	1900	
D2 41519		<5	5	1600		D2 41559		33	15	1400	
D2 41520		14	60	2900		D2 41560		24	10	1500	
D2 41521		6	25	870		D2 41561		116	10	1800	
D2 41522		5	30	810		D2 41562		15	20	1900	
D2 41523		<5	15	1200		D2 41563		170	15	2100	
D2 41524		<5	15	1100		D2 41564		24	30	4700	
D2 41525		5	10	1500		D2 41565		156	20	4100	
D2 41526		<5	10	1700		D2 41566		30	35	6400	
D2 41527		<5	70	2800		D2 41567		<5	35	2100	
D2 41528		<5	10	2100		D2 41568		21	115	>20000	10.0
D2 41529		<5	15	2200		D2 41569		288	2700	>20000	9.1
D2 41530		<5	15	1600		D2 41570		152	>5000	>20000	8.2
D2 41531		<5	110	1800		D2 41571		12	225	10700	
D2 41532		<5	145	2000		D2 41572		69	1050	>20000	28.0
D2 41533		6	45	1800		D2 41573		50	1600	>20000	>50.0
D2 41534		6	210	2100		D2 41574		58	1300	>20000	9.4
D2 41535		<5	130	1900		D2 41575		89	2350	>20000	4.0
D2 41536		24	25	2200		D2 41576		108	3200	20000#	
D 537		<5	20	2200		D2 41577		43	340	>20000	>50.0
D2 41538		<5	15	3200		D2 41578		84	1100	>20000	9.9
D2 41539		<5	15	3500		D2 41579		72	390	6800=	
D2 41540		7	10	4800		D2 41580		16	440	4900=	

REPORT: V88-10210.0

PROJECT: NONE GIVEN

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Hg PPB	Ba PPM	Ba PCT	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Hg PPB	Ba PPM	Ba PCT
D2 41581		<5	260	2900=		D2 41621		9	575	3900	
D2 41582		21	1850	1900=		D2 41622		<5	25	5200	
D2 41583		<5	150	2400		D2 41623		51	2000	2100*	
D2 41584		<5	80	2200		D2 41624		20	3100	2200*	
D2 41585		<5	80	2000		D2 41625		6	390	6000	
D2 41586		<5	90	2000		D2 41626		7	25	4800	
D2 41587		30	130	2400		D2 41627		28	100	3800	
D2 41588		8	90	4500		D2 41628		9	90	3100	
D2 41589		10	1300	4300=		D2 41629		<5	650	3000	
D2 41590		8	40	6400		D2 41630		66	4200	>20000	4.0
D2 41591		<5	150	6200		D2 41631		20	1900	>20000	>50.0
D2 41592		12	650	5400		D2 41632		16	360	>20000	7.8
D2 41593		<5	200	4700		D2 41633		81	4500	6300=	
D2 41594		6	350	3100=		D2 41634		10	470	6500	
D2 41595		<5	570	2800=		D2 41635		31	1450	2900=	
D2 41596		<5	30	9300		D2 41636		<5	480	11400	
D2 41597		<5	10	8500		D2 41637		8	110	11800	
D2 41598		<5	5	6900		D2 41638		40	200	5300	
D2 41599		<5	20	9200		D2 41639		82	>5000	3100=	
D2 41600		<5	70	5700		D2 41640		16	205	1500=	
D2 41601		9	160	5000*		D2 41641		55	535	790*	
D2 41602		<5	20	6500		D2 41642		14	70	1100=	
D2 41603		<5	1500	5400=		D2 41643		8	65	1400=	
D2 41604		<5	110	4900		D2 41644		10	30	2200	
D2 41605		<5	75	2500		D2 41645		26	260	2900=	
D2 41606		<5	560	4200		D2 41646		53	30	9500	
D2 41607		<5	25	4300		D2 41647		18	490	7300=	
D2 41608		9	1100	4300		D2 41648		46	1700	17300*	
D2 41609		20	2100	4900=		D2 41649		219	1750	>20000	>50.0
D2 41610		<5	350	5200		D2 41650		63	480	>20000	2.4
D2 41611		<5	140	4500		D2 41651		62	1600	>20000	>50.0
D2 41612		<5	30	3800		D2 41652		<5	70	11600	
D2 41613		<5	15	4400		D2 41653		21	25	7000	
D2 41614		<5	30	3900		D2 41654		9	80	9000	
D2 41615		12	55	2200		D2 41655		<5	90	18500	
D2 41616		6	25	3800		D2 41656		9	20	>20000	2.3
D2 41617		9	50	3600		D2 41657		6	20	17000	
D2 41618		7	170	3700		D2 41658		9	50	16300	
D2 41619		<5	700	3800		D2 41659		<5	20	9300	
D2 41620		112	2700	2500*		D2 41660		12	10	3700	

REPORT: V88-10210.0

PROJECT: NONE GIVEN

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Hg PPB	Ba PPM	Ba PCT	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Hg PPB	Ba PPM	Ba PCT
---------------	---------------	--------	--------	--------	--------	---------------	---------------	--------	--------	--------	--------

D2 41661		6	55	3400							
D2 41662		63	3750	2700=							
D2 41663		37	1700	3400=							
D2 41664		<5	550	3900=							
D2 41665		29	1400	4500=							

D2 41666		<5	20	5300							
D2 41667		20	210	4500							
D2 41668		19	1100	3500=							
D2 41669		12	1450	5800=							
D2 41670		12	260	6400							

D2 41671		17	30	6200							
D2 41672		9	60	7200							
D2 41673		39	465	>20000	3.1						
D2 41674		689	2500	>20000	>50.0						
D2 41675		135	4300	>20000	6.1						

D2 41676		38	320	17300							
D2 41677		82	1400	2600							
D2 41678		60	1000	>20000	3.6						
D2 41679		12	750	8500=							
D2 41680		10	250	4400							

D2 41681		<5	180	6600							
D2 41682		15	1350	7800=							
D2 41683		11	350	>20000	5.2						
D2 41684		95	3900	>20000	>50.0						
D2 41685		32	950	18400							

D2 41686		<5	165	15000							
D2 41687		85	>5000	>20000	8.9						
D2 41688		30	2900	>20000	9.8						
D2 41689		73	5000	4600							
D2 41690		16	2000	17200							

D2 41691		6	2000	11100							
D2 41692		9	25	490							

CURRAGH RESOURCES CORP.  
 MR. LEE C. PIGAGE  
 117 INDUSTRIAL RD.  
 WHITEHORSE, YUKON  
 Y1A 2T8

Invoice : V056803, Page 1

Date : 13-JAN-89

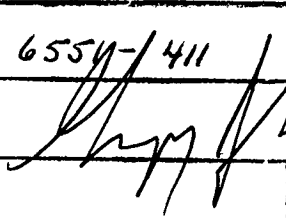
Report No: V88-10210.0

Project : NONE GIVEN

Reference:

192 Analyses of "GOLD + 17" GROUP	at \$24.50	\$ 4704.00	\$ 4704.00
Silver			
Bismuth			
Chromium			
Manganese			
Nickel			
Antimony			
Thallium			
Zinc			
Mercury			
Arsenic			
Cobalt			
Copper			
Molybdenum			
Lead			
Selenium			
Tungsten			
Gold - Fire Assay			
Barium			
24 Analyses of Barium Semi-quant	at \$ 4.50	\$ 108.00	
Subtotal		\$ 108.00	\$ 108.00
Sample Preparation			
192 Samples of CRUSH, PULVERIZE -150	at \$ 3.75	\$ 720.00	
1 Sample of FAX CHARGE	at \$ 0.00	\$ 0.00	
Subtotal		\$ 720.00	\$ 720.00
Miscellaneous Charges			
FAX CHARGE		\$ 5.00	
Subtotal		\$ 5.00	\$ 5.00

Invoice Total: \$ 5537.00 Cdn

CODE	6554-411
APPROVED	
DATE	

MM core samples  
 LCP

Bondar-Clegg & Company Ltd.  
130 Pemberton Ave.  
North Vancouver, B.C.  
V7P 2R5  
(604) 985-0681 Telex 04-352667



**Geochemical  
Lab Report**

RECEIVED JAN 18 1989

CURRAGH RESOURCES CORP.  
MR. LEE C. PIGAGE  
117 INDUSTRIAL RD.  
WHITEHORSE, YUKON  
Y1A 2T8

+ + + + +

REPORT: V88-10210.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: CURRAGH RESOURCES CORP.  
 PROJECT: NONE GIVEN

SUBMITTED BY: L. PIGAGE  
 DATE PRINTED: 10-JAN-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold - Fire Assay	192	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Ag	Silver	192	0.5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
3	As	Arsenic	192	5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Bi	Bismuth	192	2 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Co	Cobalt	192	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Cr	Chromium	192	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Cu	Copper	192	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Mn	Manganese	192	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Mo	Molybdenum	192	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
10	Ni	Nickel	192	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
11	Pb	Lead	192	5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
12	Sb	Antimony	192	5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
13	Se	Selenium	192	5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
14	Tl	Thallium	192	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
15	W	Tungsten	192	10 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
16	Zn	Zinc	192	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
17	Hg	Mercury	192	5 PPB	HN03-HCL HOT EXTR	Cold Vapour AA
18	Ba	Barium	192	20 PPM		X-RAY Fluorescence
19	Ba	Barium Semi-quant	24	2.0 PCT		X-RAY Fluorescence

Bondar-Clegg & Company Ltd.  
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# Geochemical Lab Report

REPORT: V88-10210.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: CURRAGH RESOURCES CORP.  
PROJECT: NONE GIVEN

SUBMITTED BY: L. PIGAGE  
DATE PRINTED: 10-JAN-89

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	192	2 -150	192	CRUSH,PULVERIZE -150	192

NOTES: \* indicates INTERFERENCE NOTED  
= indicates SEE REMARKS

REMARKS: ERRATIC GOLD RESULTS NOTED:

SAMPLE 41563 CHECK = 30 PPB Au

SAMPLE 41565 CHECK = 5 PPB Au

SAMPLE 41569 CHECK = 178 PPB Au

SAMPLE 41572 CHECK = 260 PPB Au

SAMPLE 41649 CHECK = 90 PPB Au

SAMPLE 41674 CHECK = 186 PPB Au

= Ba INTERFERENCE NOTED DUE TO Zn.

\* Ba INTERFERENCE NOTED.

ASSAY OF Ag, Pb & Zn TO FOLLOW ON V88-10210.6

REPORT COPIES TO: MR. LEE C. PIGAGE

INVOICE TO: MR. LEE C. PIGAGE



REPORT: V88-10210.0

PROJECT: NONE GIVEN

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Bi PPM	Co PPM	Cr PPM	Cu PPM	Mn PPM	Mo PPM	Ni PPM	Pb PPM
D2 41501		<5	0.5	37	<2	<1	31	15	66	<1	<1	131
D2 41502		<5	0.5	26	<2	<1	18	16	125	3	<1	99
D2 41503		<5	0.6	46	<2	<1	30	10	453	5	<1	45
D2 41504		<5	0.8	21	<2	<1	18	9	272	1	<1	41
D2 41505		<5	0.6	37	<2	1	27	12	443	5	<1	53
D2 41506		7	<0.5	54	<2	1	20	14	588	9	<1	47
D2 41507		18	<0.5	38	<2	1	23	8	663	5	<1	33
D2 41508		<5	<0.5	105	<2	<1	21	9	200	3	<1	41
D2 41509		<5	<0.5	36	<2	<1	18	9	558	4	<1	44
D2 41510		<5	<0.5	9	3	<1	17	8	695	7	<1	30
D2 41511		<5	<0.5	13	<2	<1	16	10	782	3	<1	29
D2 41512		<5	<0.5	22	<2	<1	21	7	747	3	<1	44
D2 41513		<5	<0.5	19	<2	<1	19	12	631	3	<1	42
D2 41514		<5	<0.5	45	<2	<1	23	8	393	3	4	34
D2 41515		<5	<0.5	44	<2	<1	33	12	163	14	<1	45
D2 41516		<5	<0.5	44	<2	3	16	4	75	12	<1	43
D2 41517		<5	<0.5	13	<2	2	13	3	190	<1	<1	16
D2 41518		<5	<0.5	35	<2	1	8	8	1351	<1	<1	17
D2 41519		<5	0.7	58	<2	<1	20	11	380	3	4	33
D2 41520		14	2.3	1917	<2	<1	47	48	1117	8	17	756
D2 41521		6	<0.5	32	<2	2	25	20	346	<1	3	45
D2 41522		5	<0.5	68	<2	2	11	17	407	1	<1	11
D2 41523		<5	<0.5	51	<2	1	33	15	560	6	<1	26
D2 41524		<5	<0.5	23	5	<1	41	17	430	6	<1	29
D2 41525		5	0.7	39	<2	<1	32	23	432	7	<1	19
D2 41526		<5	0.9	35	<2	1	36	15	347	7	<1	24
D2 41527		<5	1.0	33	<2	<1	38	15	279	7	<1	127
D2 41528		<5	0.9	62	<2	<1	34	12	152	8	2	21
D2 41529		<5	<0.5	64	<2	1	27	10	136	7	2	17
D2 41530		<5	0.9	62	<2	<1	28	19	188	9	1	23
D2 41531		<5	0.8	27	<2	<1	30	70	293	9	<1	37
D2 41532		<5	0.9	33	<2	1	33	84	138	12	<1	44
D2 41533		6	0.6	65	3	6	47	97	50	6	<1	111
D2 41534		6	<0.5	52	<2	1	28	94	146	10	<1	45
D2 41535		<5	<0.5	40	<2	<1	27	35	265	10	<1	43
D2 41536		24	<0.5	43	<2	4	52	116	218	12	<1	17
D2 41537		<5	0.9	51	2	3	50	264	71	7	<1	101
D2 41538		<5	0.9	18	<2	20	23	252	501	7	<1	30
D2 41539		<5	<0.5	43	7	12	27	172	1045	<1	<1	19
D2 41540		7	<0.5	54	<2	24	23	239	385	1	6	37

REPORT: V88-10210.0

PROJECT: NONE GIVEN

PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Se PPM	Tl PPM	W PPM	Zn PPM	Hg PPB	Ba PPM	Ba PCT
D2 41501		<5	<5	1	<10	155	65	6000	
D2 41502		<5	<5	1	<10	241	50	2800	
D2 41503		<5	<5	1	<10	76	20	4200	
D2 41504		<5	<5	1	<10	298	25	2900	
D2 41505		6	<5	1	<10	25	15	5400	
D2 41506		<5	<5	1	<10	23	20	7900	
D2 41507		<5	<5	1	<10	26	10	2200	
D2 41508		<5	<5	1	<10	15	35	6800	
D2 41509		7	<5	1	<10	26	15	3700	
D2 41510		<5	<5	1	<10	176	10	2400	
D2 41511		<5	<5	1	<10	37	10	5100	
D2 41512		<5	<5	1	<10	234	10	5000	
D2 41513		<5	<5	1	<10	71	15	3200	
D2 41514		<5	<5	1	<10	72	20	3300	
D2 41515		7	<5	1	<10	46	5	1400	
D2 41516		<5	7	1	<10	24	5	2200	
D2 41517		<5	<5	1	<10	16	5	2100	
D2 41518		<5	<5	1	<10	122	5	1600	
D2 41519		<5	<5	1	<10	80	5	1600	
D2 41520		<5	<5	1	<10	7359	60	2900	
D2 41521		<5	<5	1	<10	222	25	870	
D2 41522		<5	<5	1	<10	118	30	810	
D2 41523		<5	<5	1	<10	143	15	1200	
D2 41524		<5	<5	1	<10	104	15	1100	
D2 41525		<5	<5	2	<10	69	10	1500	
D2 41526		<5	<5	1	<10	115	10	1700	
D2 41527		<5	<5	1	<10	1645	70	2800	
D2 41528		<5	<5	1	<10	64	10	2100	
D2 41529		<5	<5	1	<10	77	15	2200	
D2 41530		5	<5	1	<10	119	15	1600	
D2 41531		<5	<5	1	<10	451	110	1800	
D2 41532		<5	<5	1	<10	554	145	2000	
D2 41533		<5	<5	1	<10	149	45	1800	
D2 41534		<5	<5	1	<10	671	210	2100	
D2 41535		<5	<5	2	<10	530	130	1900	
D2 41536		<5	<5	1	<10	53	25	2200	
D2 41537		<5	<5	1	<10	54	20	2200	
D2 41538		<5	<5	1	<10	42	15	3200	
D2 41539		<5	<5	1	<10	69	15	3500	
D2 41540		<5	10	1	<10	51	10	4800	

REPORT: V88-10210.0

PROJECT: NONE GIVEN

PAGE 2A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Bi PPM	Co PPM	Cr PPM	Cu PPM	Mn PPM	Mo PPM	Ni PPM	Pb PPM
D2 41541		<5	0.8	56	<2	10	27	200	188	<1	26	23
D2 41542		<5	0.6	28	<2	1	25	39	98	<1	1	79
D2 41543		<5	<0.5	55	<2	15	60	151	472	<1	57	20
D2 41544		<5	<0.5	56	<2	13	109	61	836	<1	75	29
D2 41545		<5	<0.5	65	<2	3	67	15	200	7	12	21
D2 41546		<5	0.7	19	<2	6	59	15	1055	<1	3	77
D2 41547		<5	<0.5	34	<2	<1	23	22	250	4	<1	26
D2 41548		<5	<0.5	91	<2	1	32	7	529	<1	2	7
D2 41549		<5	0.5	39	<2	<1	20	10	679	9	<1	165
D2 41550		<5	0.7	19	<2	<1	16	16	561	6	<1	223
D2 41551		<5	0.5	10	<2	<1	16	9	558	13	<1	119
D2 41552		<5	0.6	17	<2	<1	29	21	695	15	1	59
D2 41553		<5	<0.5	43	<2	<1	16	18	239	16	<1	34
D2 41554		<5	<0.5	39	<2	<1	18	19	423	14	<1	47
D2 41555		<5	<0.5	19	<2	<1	17	16	242	9	<1	82
D2 41556		11	<0.5	36	<2	<1	20	13	731	7	<1	58
D2 41557		32	<0.5	13	<2	<1	15	16	267	14	<1	65
D2 41558		5	0.7	42	<2	8	22	34	460	8	11	64
D2 41559		33	1.0	58	<2	<1	18	9	287	<1	<1	68
D2 41560		24	1.5	74	<2	<1	16	9	142	<1	<1	68
D2 41561		116	<0.5	58	<2	<1	20	8	436	<1	<1	97
D2 41562		15	<0.5	39	<2	<1	18	10	173	<1	3	109
D2 41563		170	<0.5	95	<2	<1	18	15	229	<1	<1	71
D2 41564		24	1.3	70	<2	<1	26	16	399	8	<1	75
D2 41565		156	0.7	77	<2	<1	28	9	205	4	2	78
D2 41566		30	0.7	63	<2	3	22	7	104	11	<1	91
D2 41567		<5	0.7	71	<2	4	13	10	54	3	<1	53
D2 41568		21	3.0	33	3	2	15	40	69	2	<1	368
D2 41569		288	>50.0	600	<2	<1	8	1261	2687	<1	9	>10000
D2 41570		152	>50.0	139	<2	<1	22	213	1873	<1	3	>10000
D2 41571		12	2.3	96	<2	2	27	48	259	3	<1	394
D2 41572		69	40.4	59	<2	<1	16	561	666	5	7	6290
D2 41573		50	>50.0	25	2	<1	9	81	849	5	6	7429
D2 41574		58	38.9	173	9	<1	22	117	2764	<1	7	6948
D2 41575		89	>50.0	247	7	<1	18	1219	932	<1	<1	>10000
D2 41576		108	>50.0	285	9	<1	20	2277	847	<1	<1	>10000
D2 41577		43	14.9	59	<2	<1	10	612	1011	12	21	1738
D2 41578		84	>50.0	253	7	<1	28	476	879	<1	2	>10000
D2 41579		72	21.1	107	11	<1	47	2068	1406	9	<1	8304
D2 41580		16	19.0	116	9	<1	49	1759	1523	5	<1	8114

REPORT: V88-10210.0

PROJECT: NONE GIVEN

PAGE 2B

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Se PPM	Tl PPM	W PPM	Zn PPM	Hg PPB	Ba PPM	Ba PCT
D2 41541		6	5	1	<10	26	15	2600	
D2 41542		<5	<5	1	<10	28	5	1500	
D2 41543		<5	<5	1	<10	39	5	1600	
D2 41544		<5	<5	1	<10	95	5	1500	
D2 41545		<5	<5	1	<10	63	5	1200	
D2 41546		<5	<5	2	<10	178	15	1700	
D2 41547		<5	<5	2	<10	425	15	1700	
D2 41548		<5	<5	1	<10	301	10	1400	
D2 41549		<5	<5	1	<10	1039	50	2400	
D2 41550		<5	<5	1	<10	663	70	2300	
D2 41551		<5	<5	1	<10	249	15	2000	
D2 41552		<5	<5	1	<10	278	15	1800	
D2 41553		<5	<5	1	<10	295	25	1100	
D2 41554		<5	<5	1	<10	288	15	1700	
D2 41555		<5	<5	1	<10	190	15	1300	
D2 41556		<5	<5	1	<10	295	20	1800	
D2 41557		<5	<5	1	<10	197	10	1300	
D2 41558		<5	<5	1	<10	298	15	1900	
D2 41559		<5	10	1	<10	39	15	1400	
D2 41560		<5	<5	1	<10	17	10	1500	
D2 41561		<5	<5	2	<10	31	10	1800	
D2 41562		<5	<5	2	<10	78	20	1900	
D2 41563		<5	<5	2	<10	82	15	2100	
D2 41564		<5	<5	2	<10	279	30	4700	
D2 41565		<5	<5	1	<10	143	20	4100	
D2 41566		<5	<5	1	<10	31	35	6400	
D2 41567		<5	<5	1	<10	14	35	2100	
D2 41568		<5	<5	1	<10	818	115	>20000	10.0
D2 41569		257	53	4	<10	>20000	2700	>20000	9.1
D2 41570		98	34	2	<10	>20000	>5000	>20000	8.2
D2 41571		<5	<5	1	<10	1664	225	10700	
D2 41572		108	<5	1	<10	8407	1050	>20000	28.0
D2 41573		36	<5	1	<10	11467	1600	>20000	>50.0
D2 41574		23	105	1	19	>20000	1300	>20000	9.4
D2 41575		26	174	1	<10	>20000	2350	>20000	4.0
D2 41576		58	185	4	<10	>20000	3200	20000*	
D2 41577		12	<5	8	<10	3719	340	>20000	>50.0
D2 41578		67	181	1	<10	>20000	1100	>20000	9.9
D2 41579		<5	74	3	<10	>20000	390	6800=	
D2 41580		<5	38	4	<10	>20000	440	4900=	

REPORT: V88-10210.0

PROJECT: NONE GIVEN

PAGE 3A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Bi PPM	Co PPM	Cr PPM	Cu PPM	Mn PPM	Mo PPM	Ni PPM	Pb PPM
D2 41581		<5	3.6	74	<2	<1	76	1015	1310	13	3	4431
D2 41582		21	22.3	232	<2	<1	34	977	2182	<1	<1	>10000
D2 41583		<5	2.9	300	4	<1	52	195	1727	4	<1	3867
D2 41584		<5	3.0	393	<2	<1	54	158	2109	3	<1	3911
D2 41585		<5	2.5	629	<2	<1	58	142	2020	<1	4	3980
D2 41586		<5	2.9	47	<2	<1	48	155	2283	1	<1	3889
D2 41587		30	4.2	410	<2	<1	40	117	2402	3	<1	3170
D2 41588		8	25.1	240	<2	<1	10	316	2647	7	<1	>10000
D2 41589		10	16.1	130	<2	<1	4	723	2419	13	<1	9433
D2 41590		8	1.8	98	2	<1	2	35	2573	43	<1	1366
D2 41591		<5	1.3	91	<2	<1	19	65	1674	12	<1	2162
D2 41592		12	14.3	217	<2	<1	8	340	2492	12	<1	9697
D2 41593		<5	0.6	85	<2	<1	44	121	843	28	2	2116
D2 41594		6	4.4	51	<2	<1	38	271	1918	6	3	6952
D2 41595		<5	5.5	35	3	<1	37	252	1637	5	<1	8466
D2 41596		<5	0.6	62	3	<1	10	28	1992	11	<1	1057
D2 41597		<5	<0.5	98	<2	<1	29	6	636	21	<1	133
D2 41598		<5	<0.5	65	<2	<1	41	8	604	15	2	227
D2 41599		<5	<0.5	92	3	<1	39	42	934	12	<1	533
D2 41600		<5	2.3	10	3	<1	<1	331	3342	7	<1	1396
D2 41601		9	10.2	68	19	<1	<1	1510	1374	<1	<1	3083
D2 41602		<5	0.5	33	<2	<1	43	32	1357	19	<1	290
D2 41603		<5	19.5	57	5	<1	35	328	1560	11	<1	8841
D2 41604		<5	9.5	591	2	<1	27	328	1879	22	<1	6766
D2 41605		<5	1.7	445	3	<1	44	76	1577	39	<1	2583
D2 41606		<5	2.5	97	5	<1	23	482	1603	4	<1	3299
D2 41607		<5	1.7	59	<2	<1	6	75	1965	10	<1	991
D2 41608		9	5.3	93	<2	<1	65	266	774	43	6	5854
D2 41609		20	24.7	132	<2	<1	11	194	2024	8	<1	>10000
D2 41610		<5	2.8	99	<2	<1	34	110	746	10	<1	1930
D2 41611		<5	3.7	42	<2	<1	21	36	1022	10	<1	2921
D2 41612		<5	1.1	70	<2	<1	25	17	1258	14	1	274
D2 41613		<5	1.5	49	<2	<1	28	7	590	13	<1	304
D2 41614		<5	<0.5	38	<2	<1	22	23	1071	16	<1	478
D2 41615		12	1.3	40	4	<1	32	40	1193	7	<1	1562
D2 41616		6	<0.5	108	<2	<1	34	9	807	24	<1	194
D2 41617		9	2.9	52	<2	<1	6	21	1676	19	<1	2283
D2 41618		7	1.4	39	<2	<1	38	247	1246	7	<1	1111
D2 41619		<5	2.7	44	<2	<1	35	227	783	22	<1	3450
D2 41620		112	>50.0	174	22	<1	36	353	900	5	1	>10000

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PAGE 3B

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Se PPM	Tl PPM	W PPM	Zn PPM	Hg PPB	Ba PPM	Ba PCT
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D2 41581		<5	29	6	<10	16345	260	2900=	
D2 41582		<5	125	2	<10	>20000	1850	1900=	
D2 41583		<5	<5	2	<10	7967	150	2400	
D2 41584		<5	<5	1	<10	8665	80	2200	
D2 41585		<5	35	2	<10	8306	80	2000	

D2 41586		<5	<5	2	<10	8302	90	2000	
D2 41587		<5	20	2	<10	6777	130	2400	
D2 41588		18	42	3	<10	2429	90	4500	
D2 41589		5	40	1	16	>20000	1300	4300=	
D2 41590		5	17	1	<10	728	40	6400	

D2 41591		14	25	1	<10	2974	150	6200	
D2 41592		7	<5	1	<10	11627	650	5400	
D2 41593		7	7	1	<10	5790	200	4700	
D2 41594		<5	21	1	<10	13467	350	3100=	
D2 41595		<5	12	1	<10	13740	570	2800=	

D2 41596		<5	31	<1	<10	763	30	9300	
D2 41597		<5	32	<1	<10	95	10	8500	
D2 41598		<5	<5	<1	<10	273	5	6900	
D2 41599		<5	<5	<1	<10	1126	20	9200	
D2 41600		<5	36	<1	<10	2786	70	5700	

D2 41601		7	119	<1	<10	7974	160	5000*	
D2 41602		<5	<5	1	<10	565	20	6500	
D2 41603		<5	47	1	<10	>20000	1500	5400=	
D2 41604		<5	14	1	<10	10989	110	4900	
D2 41605		<5	37	1	11	5418	75	2500	

D2 41606		<5	<5	1	<10	5593	560	4200	
D2 41607		<5	<5	1	<10	528	25	4300	
D2 41608		8	62	1	<10	10712	1100	4300	
D2 41609		11	125	1	<10	>20000	2100	4900=	
D2 41610		11	58	1	<10	4763	350	5200	

D2 41611		13	<5	1	<10	2290	140	4500	
D2 41612		<5	<5	1	<10	457	30	3800	
D2 41613		<5	<5	1	18	152	15	4400	
D2 41614		<5	<5	1	<10	643	30	3900	
D2 41615		7	<5	1	<10	1001	55	2200	

D2 41616		<5	<5	2	<10	510	25	3800	
D2 41617		<5	<5	1	<10	1670	50	3600	
D2 41618		10	<5	1	<10	5557	170	3700	
D2 41619		<5	<5	1	<10	10730	700	3800	
D2 41620		62	190	2	<10	>20000	2700	2500*	

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PAGE 4A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Bi PPM	Co PPM	Cr PPM	Cu PPM	Mn PPM	Mo PPM	Ni PPM	Pb PPM
D2 41621		9	5.6	105	<2	<1	48	248	410	48	<1	2987
D2 41622		<5	<0.5	72	<2	<1	29	161	236	52	<1	227
D2 41623		51	29.9	448	<2	<1	20	250	1606	3	<1	>10000
D2 41624		20	28.8	129	<2	<1	23	416	1761	12	<1	9830
D2 41625		6	9.1	110	4	<1	42	132	802	22	<1	2769
D2 41626		7	0.9	58	<2	<1	37	15	1342	6	<1	154
D2 41627		28	1.3	105	<2	<1	46	30	503	14	<1	456
D2 41628		9	<0.5	21	<2	<1	34	19	1048	11	13	249
D2 41629		<5	18.6	125	<2	<1	44	123	501	18	<1	4428
D2 41630		66	>50.0	236	<2	<1	17	700	1088	<1	5	>10000
D2 41631		20	21.1	64	<2	<1	22	335	641	4	<1	7341
D2 41632		16	8.7	62	<2	<1	28	198	1737	4	10	2758
D2 41633		81	>50.0	207	<2	<1	19	333	1364	<1	<1	>10000
D2 41634		10	3.3	90	7	<1	28	179	653	12	<1	364
D2 41635		31	13.9	157	4	<1	19	520	2870	<1	5	2595
D2 41636		<5	0.9	41	<2	<1	36	77	1083	18	<1	175
D2 41637		8	1.5	69	<2	<1	60	38	504	16	6	388
D2 41638		40	<0.5	47	9	<1	28	108	1551	5	<1	446
D2 41639		82	35.5	131	33	9	37	2872	2035	9	<1	8343
D2 41640		16	9.4	44	<2	<1	77	310	2082	10	1	5990
D2 41641		55	33.4	119	15	<1	55	293	2573	<1	<1	>10000
D2 41642		14	2.6	79	<2	<1	65	328	2135	9	<1	4113
D2 41643		8	3.6	29	4	<1	79	318	2578	9	2	4417
D2 41644		10	1.3	92	<2	<1	77	437	1743	10	<1	1442
D2 41645		26	4.7	39	14	1	60	1132	1868	15	<1	1847
D2 41646		53	1.8	156	<2	<1	46	41	159	12	<1	466
D2 41647		18	7.1	69	4	<1	41	1161	1609	7	<1	2768
D2 41648		46	28.5	150	22	4	29	3818	1851	7	<1	>10000
D2 41649		219	>50.0	97	5	<1	16	262	524	3	7	>10000
D2 41650		63	>50.0	205	6	<1	13	197	2214	<1	12	2775
D2 41651		62	>50.0	167	<2	<1	15	388	751	<1	<1	7556
D2 41652		<5	1.2	25	<2	<1	12	83	1150	9	<1	1831
D2 41653		21	<0.5	44	<2	<1	14	85	1679	9	<1	310
D2 41654		9	<0.5	21	<2	2	20	66	726	15	<1	67
D2 41655		<5	<0.5	36	<2	2	29	114	801	6	2	92
D2 41656		9	0.8	29	5	2	20	49	1274	8	<1	390
D2 41657		6	0.8	45	5	2	18	37	1694	5	<1	103
D2 41658		9	<0.5	54	<2	3	15	55	1235	3	4	50
D2 41659		<5	<0.5	<5	<2	2	16	32	869	9	<1	49
D2 41660		12	<0.5	23	<2	2	32	42	1189	3	2	32

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SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Se PPM	Tl PPM	W PPM	Zn PPM	Hg PPB	Ba PPM	Ba PCT
D2 41621		7	64	1	<10	8454	575	3900	
D2 41622		<5	<5	1	12	531	25	5200	
D2 41623		21	152	1	<10	>20000	2000	2100*	
D2 41624		15	30	1	<10	>20000	3100	2200*	
D2 41625		9	<5	1	<10	4845	390	6000	
D2 41626		<5	<5	1	<10	212	25	4800	
D2 41627		<5	50	1	<10	899	100	3800	
D2 41628		<5	<5	1	<10	1187	90	3100	
D2 41629		11	36	2	<10	12876	650	3000	
D2 41630		35	137	1	<10	>20000	4200	>20000	4.0
D2 41631		6	<5	1	12	17205	1900	>20000	>50.0
D2 41632		11	<5	2	<10	3919	360	>20000	7.8
D2 41633		17	125	1	<10	>20000	4500	6300=	
D2 41634		<5	11	2	<10	6689	470	6500	
D2 41635		8	185	1	<10	>20000	1450	2900=	
D2 41636		<5	<5	1	<10	6453	480	11400	
D2 41637		<5	11	1	<10	1675	110	11800	
D2 41638		<5	<5	1	<10	2912	200	5300	
D2 41639		6	180	1	<10	>20000	>5000	3100=	
D2 41640		<5	21	1	<10	17590	205	1500=	
D2 41641		8	123	1	<10	>20000	535	790*	
D2 41642		10	<5	1	<10	13324	70	1100=	
D2 41643		<5	14	1	<10	14464	65	1400=	
D2 41644		<5	16	1	<10	6798	30	2200	
D2 41645		<5	35	1	<10	>20000	260	2900=	
D2 41646		<5	<5	1	<10	965	30	9500	
D2 41647		<5	66	3	<10	18596	490	7300=	
D2 41648		9	42	8	<10	>20000	1700	17300*	
D2 41649		78	<5	4	20	>20000	1750	>20000	>50.0
D2 41650		53	63	1	<10	3992	480	>20000	2.4
D2 41651		37	<5	1	<10	15922	1600	>20000	>50.0
D2 41652		<5	<5	1	<10	3026	70	11600	
D2 41653		<5	<5	1	<10	1199	25	7000	
D2 41654		<5	<5	1	<10	4752	80	9000	
D2 41655		<5	<5	1	<10	6533	90	18500	
D2 41656		<5	<5	1	<10	2583	20	>20000	2.3
D2 41657		<5	<5	1	<10	1980	20	17000	
D2 41658		<5	<5	1	<10	5856	50	16300	
D2 41659		<5	12	1	<10	2845	20	9300	
D2 41660		<5	<5	1	<10	1156	10	3700	



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Bi PPM	Co PPM	Cr PPM	Cu PPM	Mn PPM	Mo PPM	Ni PPM	Pb PPM
D2 41661		6	2.1	59	<2	<1	54	1340	1510	14	10	167
D2 41662		63	>50.0	69	19	4	41	5282	2245	5	3	3879
D2 41663		37	24.8	83	14	<1	49	4047	1714	10	2	2059
D2 41664		<5	15.1	40	5	<1	43	1402	1538	11	<1	1736
D2 41665		29	27.8	71	9	6	24	4674	1533	13	2	3408
D2 41666		<5	2.2	35	<2	<1	52	385	584	7	4	82
D2 41667		20	7.9	58	2	<1	38	1696	1508	6	<1	993
D2 41668		19	26.9	90	20	1	29	486	2055	10	<1	6646
D2 41669		12	4.1	32	<2	<1	30	543	1669	4	1	2576
D2 41670		12	4.2	43	<2	<1	66	122	527	28	<1	2174
D2 41671		17	0.8	74	<2	<1	44	29	550	11	<1	80
D2 41672		9	2.1	96	<2	<1	45	13	323	7	<1	114
D2 41673		39	8.7	92	<2	<1	29	237	217	25	<1	699
D2 41674		689	>50.0	69	<2	<1	29	416	583	6	8	2151
D2 41675		135	>50.0	144	<2	<1	9	277	1168	3	14	2581
D2 41676		38	>50.0	78	<2	<1	36	40	222	12	<1	1325
D2 41677		82	>50.0	165	5	<1	14	157	2727	12	9	3019
D2 41678		60	>50.0	117	3	<1	37	180	804	11	4	2624
D2 41679		12	2.6	53	<2	<1	70	406	1439	5	<1	135
D2 41680		10	1.4	103	<2	<1	44	187	1419	10	<1	176
D2 41681		<5	2.3	55	<2	<1	35	230	1289	13	<1	416
D2 41682		15	6.3	53	3	<1	32	444	1607	15	<1	912
D2 41683		11	13.5	61	<2	<1	46	135	656	8	6	734
D2 41684		95	>50.0	121	<2	<1	13	275	1361	<1	<1	>10000
D2 41685		32	12.8	75	6	<1	72	372	856	10	5	1654
D2 41686		<5	1.3	118	<2	<1	43	57	720	5	4	180
D2 41687		85	>50.0	92	5	<1	45	152	820	3	11	8061
D2 41688		30	>50.0	62	<2	<1	24	127	685	3	7	6022
D2 41689		73	>50.0	238	<2	<1	14	96	1416	<1	15	9033
D2 41690		16	37.3	83	<2	<1	37	54	464	6	16	2960
D2 41691		6	4.3	60	<2	<1	37	10	430	7	13	1178
D2 41692		9	4.6	64	5	1	34	39	759	<1	4	139

REPORT: V88-10210.0

PROJECT: NONE GIVEN

PAGE 5B

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Se PPM	Tl PPM	W PPM	Zn PPM	Hg PPB	Ba PPM	Ba PCT
D2 41661		<5	<5	1	14	1159	55	3400	
D2 41662		<5	63	1	<10	>20000	3750	2700=	
D2 41663		<5	<5	1	<10	>20000	1700	3400=	
D2 41664		<5	23	1	<10	17751	550	3900=	
D2 41665		<5	<5	1	<10	>20000	1400	4500=	
D2 41666		<5	<5	1	<10	326	20	5300	
D2 41667		<5	<5	4	<10	6348	210	4500	
D2 41668		<5	68	1	<10	>20000	1100	3500=	
D2 41669		<5	<5	1	<10	>20000	1450	5800=	
D2 41670		<5	<5	2	11	3318	260	6400	
D2 41671		<5	<5	1	<10	210	30	6200	
D2 41672		7	<5	1	<10	365	60	7200	
D2 41673		22	<5	1	<10	1026	465	>20000	3.1
D2 41674		154	<5	1	<10	5484	2500	>20000	>50.0
D2 41675		42	<5	1	<10	12643	4300	>20000	6.1
D2 41676		25	<5	1	<10	805	320	17300	
D2 41677		12	<5	1	12	8215	1400	2600	
D2 41678		20	<5	1	<10	5894	1000	>20000	3.6
D2 41679		<5	<5	4	<10	13452	750	8500=	
D2 41680		<5	<5	6	<10	6769	250	4400	
D2 41681		<5	<5	8	<10	6299	180	6600	
D2 41682		<5	<5	2	<10	>20000	1350	7800=	
D2 41683		8	<5	1	<10	3293	350	>20000	5.2
D2 41684		88	<5	1	<10	>20000	3900	>20000	>50.0
D2 41685		7	<5	1	<10	12364	950	18400	
D2 41686		6	<5	1	<10	1683	165	15000	
D2 41687		15	<5	1	17	19638	>5000	>20000	8.9
D2 41688		40	<5	4	<10	6899	2900	>20000	9.8
D2 41689		23	<5	2	<10	13219	5000	4600	
D2 41690		18	<5	4	<10	3528	2000	17200	
D2 41691		8	<5	2	<10	3978	2000	11100	
D2 41692		<5	<5	1	<10	58	25	490	

Bondar-Clegg & Company Ltd.  
130 Pemberton Ave.  
North Vancouver, B.C.  
V7P 2R5  
(604) 985-0681 Telex 04-352667



**Geochemical  
Lab Report**

CURRAGH RESOURCES CORP.  
MR. LEE C. PIGABE  
117 INDUSTRIAL RD.  
WHITEHORSE, YUKON  
Y1A 2T8

RECEIVED JAN 9 1988

+ + + + +

Bondar-Clegg & Company Ltd.  
 130 Pemberton Ave.  
 North Vancouver, B.C.  
 V7P 2R5  
 (404) 985-0681 Telex 04-352667



Geochemical  
 Lab Report

REPORT: V88-10210.0 ( PARTIAL )

REFERENCE INFO:

CLIENT: CURRAGH RESOURCES CORP.  
 PROJECT: NONE GIVEN

SUBMITTED BY: L. PIGAGE  
 DATE PRINTED: 5-JAN-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold - Fire Assay	192	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Hg	Mercury	192	5 PPB	HNO3-HCL HOT EXTR	Cold Vapour AA
3	Ba	Barium	192	20 PPM		X-RAY Fluorescence
4	Ba	Barium Semi-quant	24	2.0 PCT		X-RAY Fluorescence

RESULTS TO FOLLOW FOR: Ag As Bi Co Cr Cu Mn Mo Ni Pb Sb Se Tl W Zn

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	192	2 -150	192	CRUSH,PULVERIZE	-150 192

NOTES: \* indicates INTERFERENCE NOTED  
 = indicates SEE REMARKS

REMARKS: ERRATIC GOLD RESULTS NOTED:  
 SAMPLE 41563 CHECK = 30 PPB Au  
 SAMPLE 41565 CHECK = 5 PPB Au  
 SAMPLE 41569 CHECK = 178 PPB Au  
 SAMPLE 41572 CHECK = 260 PPB Au  
 SAMPLE 41649 CHECK = 90 PPB Au  
 SAMPLE 41674 CHECK = 186 PPB Au  
 = Ba INTERFERENCE NOTED DUE TO Zn.  
 \* Ba INTERFERENCE NOTED.

ASSAY OF Ag, Pb & Zn TO FOLLOW ON V88-10210.6

REPORT COPIES TO: MR. LEE C. PIGAGE

INVOICE TO: MR. LEE C. PIGAGE

REPORT: V88-10210.0

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Hg PPB	Ba PPM	Ba PCT	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Hg PPB	Ba PPM	Ba PCT
D2 41501		<5	65	6000		D2 41541		<5	15	2600	
D2 41502		<5	50	2800		D2 41542		<5	5	1500	
D2 41503		<5	20	4200		D2 41543		<5	5	1600	
D2 41504		<5	25	2900		D2 41544		<5	5	1500	
D2 41505		<5	15	5400		D2 41545		<5	5	1200	
D2 41506		7	20	7900		D2 41546		<5	15	1700	
D2 41507		18	10	2200		D2 41547		<5	15	1700	
D2 41508		<5	35	6800		D2 41548		<5	10	1400	
D2 41509		<5	15	3700		D2 41549		<5	50	2400	
D2 41510		<5	10	2400		D2 41550		<5	70	2300	
D2 41511		<5	10	5100		D2 41551		<5	15	2000	
D2 41512		<5	10	5000		D2 41552		<5	15	1800	
D2 41513		<5	15	3200		D2 41553		<5	25	1100	
D2 41514		<5	20	3300		D2 41554		<5	15	1700	
D2 41515		<5	5	1400		D2 41555		<5	15	1300	
D2 41516		<5	5	2200		D2 41556		11	20	1800	
D2 41517		<5	5	2100		D2 41557		32	10	1300	
D2 41518		<5	5	1600		D2 41558		5	15	1900	
D2 41519		<5	5	1600		D2 41559		33	15	1400	
D2 41520		14	60	2900		D2 41560		24	10	1500	
D2 41521		6	25	870		D2 41561		116	10	1800	
D2 41522		5	30	810		D2 41562		15	20	1900	
D2 41523		<5	15	1200		D2 41563		170	15	2100	
D2 41524		<5	15	1100		D2 41564		24	30	4700	
D2 41525		5	10	1500		D2 41565		156	20	4100	
D2 41526		<5	10	1700		D2 41566		30	35	6400	
D2 41527		<5	70	2800		D2 41567		<5	35	2100	
D2 41528		<5	10	2100		D2 41568		21	115	>20000	10.0
D2 41529		<5	15	2200		D2 41569		288	2700	>20000	9.1
D2 41530		<5	15	1600		D2 41570		152	>5000	>20000	8.2
D2 41531		<5	110	1800		D2 41571		12	225	10700	
D2 41532		<5	145	2000		D2 41572		69	1050	>20000	28.0
D2 41533		6	45	1800		D2 41573		50	1600	>20000	>50.0
D2 41534		6	210	2100		D2 41574		58	1300	>20000	9.4
D2 41535		<5	130	1900		D2 41575		89	2350	>20000	4.0
D2 41536		24	25	2200		D2 41576		108	3200	20000*	
D2 41537		<5	20	2200		D2 41577		43	340	>20000	>50.0
D2 41538		<5	15	3200		D2 41578		84	1100	>20000	9.9
D2 41539		<5	15	3500		D2 41579		72	390	6800=	
D2 41540		7	10	4800		D2 41580		16	440	4900=	



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Hg PPB	Ba PPM	Ba PCT	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Hg PPB	Ba PPM	Ba PCT
D2 41581		<5	260	2900=		D2 41621		9	575	3900	
D2 41582		21	1850	1700=		D2 41622		<5	25	5200	
D2 41583		<5	150	2400		D2 41623		51	2000	2100*	
D2 41584		<5	80	2200		D2 41624		20	3100	2200*	
D2 41585		<5	80	2000		D2 41625		6	390	6000	
D2 41586		<5	90	2000		D2 41626		7	25	4800	
D2 41587		30	130	2400		D2 41627		28	100	3800	
D2 41588		8	90	4500		D2 41628		9	90	3100	
D2 41589		10	1300	4300=		D2 41629		<5	650	3000	
D2 41590		8	40	6400		D2 41630		66	4200	>20000	4.0
D2 41591		<5	150	6200		D2 41631		20	1900	>20000	>50.0
D2 41592		12	650	5400		D2 41632		16	360	>20000	7.8
D2 41593		<5	200	4700		D2 41633		81	4500	6300=	
D2 41594		6	350	3100=		D2 41634		10	470	6500	
D2 41595		<5	570	2800=		D2 41635		31	1450	2900=	
D. 596		<5	30	9300		D2 41636		<5	480	11400	
D2 41597		<5	10	8500		D2 41637		8	110	11800	
D2 41598		<5	5	6900		D2 41638		40	200	5300	
D2 41599		<5	20	9200		D2 41639		82	>5000	3100=	
D2 41600		<5	70	5700		D2 41640		16	205	1500=	
D2 41601		9	160	5000*		D2 41641		55	535	790*	
D2 41602		<5	20	6500		D2 41642		14	70	1100=	
D2 41603		<5	1500	5400=		D2 41643		8	65	1400=	
D2 41604		<5	110	4900		D2 41644		10	30	2200	
D2 41605		<5	75	2500		D2 41645		26	260	2900=	
D2 41606		<5	560	4200		D2 41646		53	30	9500	
D2 41607		<5	25	4300		D2 41647		18	490	7300=	
D2 41608		9	1100	4300		D2 41648		46	1700	17300*	
D2 41609		20	2100	4900=		D2 41649		219	1750	>20000	>50.0
D2 41610		<5	350	5200		D2 41650		63	480	>20000	2.4
D2 41611		<5	140	4500		D2 41651		62	1600	>20000	>50.0
D2 41612		<5	30	3800		D2 41652		<5	70	11600	
D2 41613		<5	15	4400		D2 41653		21	25	7000	
D2 41614		<5	30	3900		D2 41654		9	80	9000	
D2 41615		12	55	2200		D2 41655		<5	90	18500	
D2 41616		6	25	3800		D2 41656		9	20	>20000	2.3
D2 41617		9	50	3600		D2 41657		6	20	17000	
D2 41618		7	170	3700		D2 41658		9	50	16300	
D2 41619		<5	700	3800		D2 41659		<5	20	9300	
D2 41620		112	2700	2500*		D2 41660		12	10	3700	



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Hg PPB	Ba PPM	Ba PCT	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Hg PPB	Ba PPM	Ba PCT
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D2 41661		6	55	3400							
D2 41662		63	3750	2700=							
D2 41663		37	1700	3400=							
D2 41664		<5	550	3900=							
D2 41665		29	1400	4500=							

D2 41666		<5	20	5300							
D2 41667		20	210	4500							
D2 41668		19	1100	3500=							
D2 41669		12	1450	5800=							
D2 41670		12	260	6400							

D2 41671		17	30	6200							
D2 41672		9	60	7200							
D2 41673		39	465	>20000	3.1						
D2 41674		689	2500	>20000	>50.0						
D2 41675		135	4300	>20000	6.1						

D2 41676		38	320	17300							
D2 41677		82	1400	2600							
D2 41678		60	1000	>20000	3.6						
D2 41679		12	750	8500=							
D2 41680		10	250	4400							

D2 41681		<5	180	6600							
D2 41682		15	1350	7800=							
D2 41683		11	350	>20000	5.2						
D2 41684		95	3900	>20000	>50.0						
D2 41685		32	950	18400							

D2 41686		<5	165	15000							
D2 41687		85	>5000	>20000	8.9						
D2 41688		30	2900	>20000	9.8						
D2 41689		73	5000	4600							
D2 41690		16	2000	17200							

D2 41691		6	2000	11100							
D2 41692		9	25	490							