



52N04SW0099 24 DOME TWP

010

### Diamond Drilling

Township of Dome

Report NO: 24

Work performed by: Cochenour Willans Gold Mines Limited

Claim NO	Hole NO	Footage	Date	Note	
KRL 5217	S-73-1	608'	June/73	(1)	
KRL 5218	S-73-2	662'	June/73	(1)	
	S-73-3	549'	June/73	(1)	
	S-73-4	672'	June/73	(1)	
	S-73-9	648'	Aug/73	(1)	
	S-73-5	852'	June/73	(1)	
KRL 5218- 8470	S-73-6	390'	July/73	(1)	
	S-73-7	796'	July/73	(1)	
KRL 8470	S-73-8	494'	July/73	(1)	
	S-73-10	302'	July/73	(1)	
	S-73-11	656'	Aug/73	(1)	
	S-73-12	454'	Oct/73	(1)	
	S-73-13	373'	Oct/73	(1)	
	KRL 93A- 94	S-73-14	465'	Sept/73	(1)
		S-73-15	723'	Sept/73	(1)
		S-73-16	607'	Sept/73	(1)
		S-73-17	507'	Sept/73	(1)
		S-73-18	375'	Sept/73	(1)
		S-73-19	396'	Sept/73	(1)

10579

Notes: (1) For report on diamond drilling see File # 63.3180 - under Meap Contract RL-24

COCHENOUR WILLANS GOLD MINES LIMITED

KRL 5217

LATITUDE	2+00 E	STARTED	BEARING	Grid North	D.D. HOLE NO.	W5-73 #1
DEPARTURE	3+40 N	COMPLETED	DIP	+65	LOCATION	Wilmar Surface - Airport
ELEVATION		H.D. 297.3	V.D. 529.6	DEPTH	608.0	FILE

0-42 Collar GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
4.2-6.6 Waxy qtz feldspar porphyry	trace	1	6.7 - 10.6	Minor blks + patches of py 5% qtz carb stamps
qtz + feldspar (mass) altered + silicified	"	2	10.6 - 15.9	Minor py 30% qtz carb
minor qtz carbon stamps throughout	"	3	15.9 - 21.3	Minor py 40% qtz carb
grey to buff color in sections	"	4	21.3 - 26.0	20% qtz carb Minor py
6.6-8.0 mafic volcanics (andesites)	"	5	26.0 - 31.0	20% " " " "
green grey color minor sulphides (py)	"	6	31.0 - 36.0	40% " " " "
scattered throughout	"	7	36.0 - 41.0	40% " " " "
8.0-8.4 Quartz porphyry as above	"	8	69.6 - 70.9	70% carb Minor py along contacts
8.4-40.1 Andesite as above				
some sections highly silicified with				
jasperoid in qtz-carb sections				
40.1-41.0 highly silicified section				
well banded jasperoid (cherty) (sediments?)				
41.0-48.9 Andesite as above				
with a spherulitic appearance. less				
silicified, less than 5%				
48.9-52.0 light grey or g. andesite like				
with minor specks of py throughout				
52.0-82.1 Mafic volcanics as above				
(andesite) spherulitic appearance throughout				
82.1-83.3 Andesite like as above grey				
with minor specks py.				

PLOTTED Rp

LOGGED 11/13

LAYED OUT \_\_\_\_\_

COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
91.7-91.8	...	Trace	9	120.0-120.7	30% carb.
91.8-91.9	...	"	10	120.7-121.2	60% carb.
91.9-92.0	...	"	11	121.2-120.5	60% carb.
92.0-92.1	...				
92.1-92.2	...				
92.2-92.3	...				
92.3-92.4	...				
92.4-92.5	...				
92.5-92.6	...				
92.6-92.7	...				
92.7-92.8	...				
92.8-92.9	...				
92.9-93.0	...				
93.0-93.1	...				
93.1-93.2	...				
93.2-93.3	...				
93.3-93.4	...				
93.4-93.5	...				
93.5-93.6	...				
93.6-93.7	...				
93.7-93.8	...				
93.8-93.9	...				
93.9-94.0	...				
94.0-94.1	...				
94.1-94.2	...				
94.2-94.3	...				
94.3-94.4	...				
94.4-94.5	...				
94.5-94.6	...				
94.6-94.7	...				
94.7-94.8	...				
94.8-94.9	...				
94.9-95.0	...				
95.0-95.1	...				
95.1-95.2	...				
95.2-95.3	...				
95.3-95.4	...				
95.4-95.5	...				
95.5-95.6	...				
95.6-95.7	...				
95.7-95.8	...				
95.8-95.9	...				
95.9-96.0	...				
96.0-96.1	...				
96.1-96.2	...				
96.2-96.3	...				
96.3-96.4	...				
96.4-96.5	...				
96.5-96.6	...				
96.6-96.7	...				
96.7-96.8	...				
96.8-96.9	...				
96.9-97.0	...				
97.0-97.1	...				
97.1-97.2	...				
97.2-97.3	...				
97.3-97.4	...				
97.4-97.5	...				
97.5-97.6	...				
97.6-97.7	...				
97.7-97.8	...				
97.8-97.9	...				
97.9-98.0	...				
98.0-98.1	...				
98.1-98.2	...				
98.2-98.3	...				
98.3-98.4	...				
98.4-98.5	...				
98.5-98.6	...				
98.6-98.7	...				
98.7-98.8	...				
98.8-98.9	...				
98.9-99.0	...				
99.0-99.1	...				
99.1-99.2	...				
99.2-99.3	...				
99.3-99.4	...				
99.4-99.5	...				
99.5-99.6	...				
99.6-99.7	...				
99.7-99.8	...				
99.8-99.9	...				
99.9-100.0	...				

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COCHENOUR WILLANS GOLD MINES LIMITED

ELEVATION		STARTED		BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
162.9 - 171.3	White Volcanics	Trace	12	171.3 - 173.7		60%	Gold + carb. - 200
171.3 - 173.7	White Volcanics	Trace	13	173.7 - 176.2		"	"
173.7 - 176.2	White Volcanics						
176.2 - 179.7	White Volcanics						
179.7 - 182.2	White Volcanics						
182.2 - 184.7	White Volcanics						
184.7 - 187.2	White Volcanics						
187.2 - 189.7	White Volcanics						
189.7 - 192.2	White Volcanics						
192.2 - 194.7	White Volcanics						
194.7 - 197.2	White Volcanics						
197.2 - 202.5	White Volcanics						
162.9 - 171.3	Dark grey-black, M.G.	Trace	14	171.2 - 173.7		70%	Gold + carb. - 200
171.3 - 175.0	Dark grey-black, M.G.	"	15	173.7 - 176.2		"	" possible
175.0 - 180.0	Dark grey-black, M.G.						
180.0 - 182.5	Dark grey-black, M.G.						
182.5 - 185.0	Dark grey-black, M.G.						
185.0 - 187.5	Dark grey-black, M.G.						
187.5 - 190.0	Dark grey-black, M.G.						
190.0 - 192.5	Dark grey-black, M.G.						
192.5 - 195.0	Dark grey-black, M.G.						
195.0 - 197.5	Dark grey-black, M.G.						
197.5 - 200.0	Dark grey-black, M.G.						
200.0 - 202.5	Dark grey-black, M.G.						

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION	H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC	GEOLOGY
		.12	16	2410 - 2450	7 1/2%	Sild
		Trace	17	2450 - 2420	7 1/2%	Sild
		Trace	18	2420 - 2510	5 1/2%	Sild - 2-4% sulphide
		Trace	19	2510 - 2540	5 1/2%	Sild - 2% sulphide
		Trace	20	2540 - 2570	5 1/2%	Sild - 5% sulphide
<p>2565 - 2607 - chert - dk green                      siliceous chert                      contact - thin sections up to                      2" thick throughout                      2609 - 2638 - light green - dk green                      with 5% sulphide - 1% pyrite - 1% galena                      throughout</p>						

PLOTTED \_\_\_\_\_ LOGGED \_\_\_\_\_ LAYED OUT \_\_\_\_\_



COCHENOUR WILLANS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC	GEOLOGY
328.9 - 330.6	heavily chloritic altered Dark calcareous - thin concentric sections	Trace	27	329 - 331	10%	Qtz. Calc. Minor py.
			28	331 - 334	70%	Qtz. Calc. Minor py.
			29	334 - 337.6	50%	Qtz. Calc. Minor py.
330.6 - 335.1	Lump. siliceous as above.		30	337.6 - 346.5	30%	Qtz. Calc. Minor py.
336.0 - 344.5	Thin calc. brecciated.		31	340.5 - 344.5	20%	" "
	Thin calc. some sections up to		32	352.5 - 357.5	40%	Qtz. Calc.
339.7 - 340.0	Minor quartz like as above.		33	357.5 - 364.5	46%	Qtz. Calc.
344.5 - 351.6	Light green - grey		34	365 - 370	50%	Qtz. Calc. Minor calc. py. 365
	Lump siliceous as above with		35	370 - 375		
	much calc. & pieces py. throughout		36	375 - 380		
	some sections up to 2% py. thin		37	380 - 385		} 30-50% Qtz. Calc. Minor py.
	greenish chloritic at lower contact		38	385 - 390		
	thin sections well & good throughout		39	390 - 395		
	with sil. & fld. eyes. C.R. 40' - L.C.A.		40	395 - 400		
351.6 - 363.6	Dark green f.g. Calc.		41	400 - 405		
	Calcareous. 40% - 50% Calc. throughout		42	405 - 410		
363.6 - 365	Light green - buff - grey		43	410 - 415		
	Lump siliceous altered & riddled in appearance		44	415 - 420		
	much sil. & fld. eyes. Calc. angles 40' L.C.A.					
365.0 - 417.8	Calc. calc. as above (351.6 - 363.5).					
417.8 - 444.2	Dark purple. Dure. 3 speckled in					

Discrepancy due to time elapsed do some sections quite chloritic with very minor calc. stringers.

COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
	Contacts: highly chloritic with			419.5 - 424.5	
	pyrite + thin veins py. CA. -15-20°-L.C.A.		46	424.5 - 428.2	30% Sld Carb. Minor py.
	441.2-487.5 Late carbonate as above		47	442.8 - 447.8	30% Sld Carb. 2-4% PY.
	with some sections highly silty		48	447.8 - 452.8	40% Sld Carb. 1% PY. MARGOSITE ALT
	up to 60% silty calc minor py. & possible		49	452.8 - 458.2	30% Sld Carb. 2% PY. POSSIBLE TELLURIDES?
	silicates? thin veins only metallic sulfide		50	458.2 - 463.0	30% " " 2-4% PY TELLURIDES?
	minor " " alteration some minor sections		51	463.0 - 468.4	" " " 2-4% PY TELLURIDES?
	up to 5% sulphide Carb. sections		51	468.8 - 468.8	" " " " TELLURIDES?
	up to 60% Sld carb. CORE Angles @ 35° L.C.A.		✓52	468.8 - 473.8	" " " " " "
	487.5 - 490.5 - light grey - highly silty		53	473.8 - 478.8	" " " " " "
	Carbonate Agglomerate? some sections		54	478.8 - 484.4	40% Sld Carb. 2-4% PY.
	highly silty up to 70% silty minor		55	484.4 - 487.5	30% Sld Carb. Minor py.
	blends of py.		56	487.5 - 490.7	60% Sld. Minor py.
	490.5 - 498.1 - late white carbonate? Similar				
	to late carbonate above with more				
	quartz and less chlorite. Dark grey				
	to black in color with some sections				
	up to 40% Sld carb. minor py.				
	throughout with odd minor sections				
	up to 10% py.				
	498.1 - 499.4 - dk grey to black lump like				
	with thin silty + silty eyes Contact C.A. @ 70° L.C.A.				

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ATTITUDE		STARTED	BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH	FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC	GEOLOGY
497.4 - 509.7	gale carbonate as above with sections up to 40% Sld Carb.		57	490.8 - 495.0	40%	Sld Carb. 2-4% py. Earth's attraction
			58	495.0 - 498.2	50%	" " " "
509.7 - 524.2	light green - buff grey Stratified Carbonate Brecciated		59	499.2 - 504.8	40%	" " Calc + py
	heavily sld in places up to 70% Minor py & po. Scattered few specks Cr. at 521.2		60	504.8 - 509.2	20%	Sld Carb. Minor py + po.
			61	509.2 - 514.7	50%	Sld Carb. 5% py.
			62	514.4 - 518.0		
524.2 - 528.5	light grey - greenish Dioite like with minor py. at contacts.					
528.5 - 534.7	Sld carb breccia as above.					
533.7 - 535.3	Dioite like as above.					
535.3 - 539.1	light - dk green Malie Volcanic (andesite) with minor chlo + limy Rhombes py. Minor of Calc. Rhombes.					
539.1 - 540.9	Comp like as above.					
540.9 - 555.5	gale Carbonate as above with sections up to 40% Sld Carb. at 541.2					
555.5 - 602	Malie Volcanic andesite					

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ATTITUDE		STARTED		BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY		OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY	
with minor sty. carb. & py. throughout			Tr.	63	518.0 - 523.9	60% Sld Carb. Minor Py & few specks cop.	
decrease in % of sty carb. with depth				64	528.1 - 533.6	40% Sld Carb. Minor Py	
see analyses @ 60' - L. CA.				65	540.5 - 545.5	40% Sld Carb. Minor Py	
602-603 - light grey - greenish fine				66	545.5 - 550.5	40% Sld Carb. Minor Py	
grained fmp silice with stringers				67	550.5 - 556.0	20% Sld Carb.	
& cubes py. at contacts.							
603-608 - Mafic Volcanics as above							
Andesites							
608 - End of hole.							

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*AH*

LAYED OUT \_\_\_\_\_

COCHINOUR WILLIAMS GOLD MINES LIMITED

KRL 5218

BEARING *Grid North*  
 DEPARTURE *8+35 E* STARTED *0+80 N* COMPLETED *0+80 N* D.P. FROM NO. *W-73 #2*  
 ELEVATION H.D. *78.8* V.D. *657.3* DEPTH *462.0* LOCATION *WILMAR SURFACE HOLE* FILE

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0-54 - CASING BENCHES <i>Grid North</i>		103	61.4 - 64.1	60% Silt Carb.
54.0 - 61.5 - Green lg. <i>Matrix</i> <i>Volcanics</i>		104	70.0 - 77.8	30% Silt Carb. <i>Minor py</i>
<i>Matrix</i> <i>Silt Carb.</i> <i>in sections</i> <i>Matrix</i>		105	77.8 - 80.0	30% " " " "
<i>Matrix</i> <i>Silt Carb.</i> <i>Matrix</i> <i>py</i>		106	80.0 - 85.0	60% Silt Carb. - <i>Margosite alteration</i>
<i>Matrix</i> <i>Silt Carb.</i> <i>Matrix</i>		107	85.0 - 90.0	60% Silt Carb. <i>Buff frags</i> <i>Minor py</i>
64.5 - 64.0 <i>Schistoid</i> <i>Carbonate</i> <i>Bx.</i>		108	90.0 - 95.0	60% Silt Carb. " " " <i>Margosite</i>
64.0 - 70.7 <i>Matrix</i> <i>Volcanics</i> <i>quartzites</i>		109	95.0 - 100	" " " <i>Buff frags</i> " "
<i>Matrix</i> " "		110	100 - 104.5	50% Silt Carb. <i>Margosite</i> <i>Minor py</i>
80.9 - 102.9 <i>Hard</i> <i>Volcanics</i> <i>Bx.</i>		111	104.5 - 109.5	60% Silt Carb. - <i>Buff frags</i>
<i>Matrix</i> <i>Silt Carb.</i> <i>Matrix</i> <i>Brickcl.</i>		112	109.5 - 114.5	60% Silt Carb. <i>Minor py</i>
<i>Matrix</i> <i>Margosite</i> <i>alteration</i>		113	114.5 - 119.5	30% Silt Carb.
113.9 - 125.5 <i>Hard</i> <i>green-grey</i> <i>py</i> <i>quartzites</i>		114	119.5 - 123	40% Silt Carb. <i>Remolite stain</i> <i>ground concs</i>
<i>Matrix</i> <i>Carbonate</i> <i>Dike</i>		115	123.0 - 127.0	40% Silt Carb. <i>Buff frags</i> <i>Minor py</i>
125.5 - 132.3 <i>Buff</i> <i>Silt Carb.</i> <i>Bx.</i> <i>as above</i>		116	127.0 - 132.0	50% Silt Carb. <i>Margosite</i>
<i>Matrix</i> <i>Minor py</i>		117	132.0 - 137.0	40% Silt Carb. <i>Buff frags</i> <i>Minor Margosite</i>
137.5 - 147.8 <i>Diorite</i> <i>Dioritic</i> <i>Dike</i> <i>as above</i>		118	137.0 - 141.5	60% Silt Carb. <i>Buff frags</i>
147.5 - 150.0 <i>D.V.</i> <i>Silt Carb.</i> <i>Bx.</i> <i>as above</i>		119	141.5 - 143.9	" " "
150.0 - 150.7 <i>Diorite</i> <i>Dioritic</i> <i>Dike</i> <i>as above</i>		120	145.5 - 146.5	" " "
150.7 - 172.2 <i>Green</i> - <i>Matrix</i> <i>Volcanics</i>		121	146.5 - 149.9	40% Silt Carb.
<i>(Quartzite - matrix)</i> (153.7 - 163.7) - <i>as above</i>		122	150.5 - 153.4	Slightly Silt Carb.
<i>Matrix</i> <i>Minor py</i>				

PLOTTED *RB* LOGGED *WJ* LAYED OUT

COCHENAIR WELLS GOLD MINES LIMITED

LATITUDE DEPARTURE ELEVATION		STARTED COMPLETED	BRANCH DEPTH		WELL NO. LOCATION FILE			
GENERAL	GEOLOGY	H.D.	V.D.	OUNCES	NO.	FOOTAGE	ECONOMIC	GEOLOGY
	(142.7 - )				123	189.8 - 194.8		Mostly Sld Carb. 70%
					124	194.8 - 198.2		20% Sld Carb. Minor sections py. up to 1%
					125	198.2 - 203.2		30% " " Minor py
172.2 - 175.7	Green M.G. fangs				126	203.2 - 208.2		" " " "
175.7 - 190.8	Malic Volcanics as above		CA @ 45° - 2.0A		127	208.2 - 213.2		" " " "
					128	213.2 - 217.2		" " " "
	Carb.				129	217.2 - 220.3		30% Sld Carb. Minor py
					130	223.8 - 228.8		50% Sld Carb. py at contact Minor Mangosite
	sulphides				131	228.8 - 233.8		40% " " Mangosite throughout Minor py
					132	233.8 - 238.8		50% " " " "
	0 - light green grey				133	238.8 - 243.4		50% " " " "
	Dark Purple Dike				134	243.4 - 248.4		40% Sld Carb. Minor py
224.0 - 262.3	Buff to light grey				135	248.4 - 253.6		40% " " Mangosite alteration
	shaded carbonates with Mangosite				136	253.6 - 258.6		40% Sld Carb. Mangosite alteration
	alteration throughout. Brecciated in sections				137	258.6 - 263.6		30% Sld Carb. Minor py
262.3 - 268.4	Green to lt. green				138	268.4 - 273.2		30% Sld Carb. Mangosite (Brecciated)
	Malic Volcanics (andesites - breccias. some				139	273.2 - 278.2		30% Sld Carb. Minor py.
	sections Sld carb.				140	278.2 - 281.6		60% Sld Carb. (Brecciated)
268.4 - 286.4	Buff to light grey. Sld Carb				150	281.6 - 286.5		70% Sld Carb. Brecciated
	as above Brecciated in sections. Mangosite							
	alteration throughout							
286.4 - 298.9	Malic Volcanics as above							
	(andesites) with much qtz carb. stringers							

PLOTTED

LOGGED

M.H.

LAYED OUT

COCHINOR WILLIAMS GOLD MINES LIMITED

WS 2- #3

ELEVATION		STARTED COMPLETED		DEPARTURE		D.P. HOLE NO.		LOCATION	
GENERAL GEOLOGY		H.D.	V.D.	DEPTH	FILE				
		OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY				
276.9 - 302.4 - Green-dk green speckled in appearance Diabase Dikes.		Trace	141	315.2 - 320.0	10-20% Sld Carb.				
302.4 - 320.9. Mafic volcanics as above with minor sections + stringers of Sld carb. (315.2 - 320.0) - section up to		"	142	346.4 - 348.4	50% Sld Carb. light sld carb at contact				
		"	143	389.9 - 392.0	100% Sld Carb. (Brecciated)				
		"	144	421.3 - 427.6	5-10% Sld Carb. 1-2% sulphides (py) trace				
320.9 - 332.8. - light green speckled. Diabase Dikes as above.				Sludges:	280.0	-	300	.04	
332.8 - 348.3. Mafic volcanics andesites sections up to 20% Sld Carb - Minor py.					320	-	340	.26	
348.3 - 353.3 - light green to grey speckled in appearance Diabase Dikes? see ground + blocky in this section no definite contact					500	-	520	.24	
					520	-	540	.04	
					580	-	600	.04	
					620	-	640	.04	
353.3 - 432.3 - Green dark green Mafic Volcanics (andesites-Diabase) near Mascam. at upper contact. grey carb stringers at sections throughout. Core ground (371-374.6) pieces + cubes of py. The odd minor section with buff (cherty) appearing fragments from (387-409) old ground a creek of py. Some minor sections up to 2% py.									

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COCHENOUR WILLIAMS GOLD MINES LIMITED

DATE	STARTED	HEADING		D.D. HOLE NO.
DEPARTURE	COMPLETED	DIF		LOCATION
ELEVATION	H.D.	V.D.	DEPTH	FILE
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
Possible mine fault zone Sld Carb	Trace	145	432.2 - 434.5	
+ Brecciated (422.1 - 422.4)	Tr	146	484.6 - 490.5	10% Sld Carb. sections to 5% Py.
432.3 - 434.3 - Sheeted carbonate	"	147	497.4 - 500.7	60% Sld Carb. up to 5% py at Contacts.
Brecciated with 40% Sld Carb.	"	167	453.0 - 456.5	30% Sld Carb. py. throughout some
434.3 - 448 - 'reddish green - grey fine grained	"	168	456.5 - 460.8	} sections 2-4% py.
diabase - speckled in appearance near	"	169	460.8 - 465.8	
lower contact. One section at 442	"	170	465.8 - 470.8	
contains minor inclusion Sld	"	171	470.8 - 474.6	
carbonate! Core ground (442.7 - 443.7).	"	172	474.6 - 479.6	
speckled & subsoil py. throughout	"	173	479.6 - 484.6	40% Sld Carb. - 2-4% py.
448.0 - 478.5 - Agglomerate unit? Buff				
to white Sld Carb fragments & stringers in				
a green Malic chlorite ground mass. Minor py in				
more siliceous sections. Some fragments				
appear cherty in appearance				
478.5 - 490.4 - Malic Volcanics with				
chert of calc. stringers & bits of py. Some				
minor sections up to 2% Sulphides				
490.4 - 497.6 - green fine grained diabase				
dike with minor chert stringers with py.				
497.6 - 500.7 - Sheeted Carbonate				
up to 60% Sld Carb.				

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COCHRAN WILKINS GOLD MINES LIMITED

DATE	STARTED	ENDING	AD. REF. NO.	
DEPARTURE	COMPLETED	D.P.	LOCATION	
ELEVATION	H.D.	V.D.	FILE	
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
508.7 - 524.4 light grey to buff mottled in appearance. Lump like Minor silicified carb. stringers with ferruginous & minor specks of pyrite. Some sections highly in certain possibly due to leaching	.14	183	533.2 - 538.	60% Sld Carb.
	Trace	184	538.0 - 543.0	" "
	"	185	543.0 - 548.0	" "
	"	186	548.0 - 549.7	60% Sld Carb.
	"	187	555.2 - 560.2	60% Sld Carb. Buff alt. Mansfield Mn.
	"	188	560.2 - 565.2	60% sld Carb. Buff frag. Mansfield, Mn. Py.
524.4 - 533.4 - Green to light green Matrix dolomite (ankerite) with Minor Sld Carbonate sections. odd	"	189	565.2 - 570.2	40% Sld Carb.
	"	190	570.2 - 574.2	50% Sld Carb.
	"	191	574.2 - 580.2	" "
Minor Speck py.	"	192	580.2 - 585.2	30% Sld Carb. 10% Barite.
533.4 - 549.7 Silicified Carbonate Presented in sections rather uniformly Sld Carb. throughout up to 60% Sld Carb.	"	193	585.2 - 591.2	" " " "
	"	194	591.2 - 596.7	60% Sld Carb. Buff alt. Mn. Py.
549.7 - 555.4 - Lump like as above.				
555.4 - 596.7 Sld Carbonate as above 60% Sld carb. buff colored altered hard with an increase in amt of Barite char. 40% Sld carb. (580.5 - 591.7)				
596.7 - 649.7 - light grey to buff Highly silicified Carb. (dolomite?) qtz carb. frag. & stringers throughout uniformly Sld carb. up to 60%				

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COCHINOUR WILLIAMS GOLD MINES LIMITED

ELEVATION		STARTED		BEARING		H.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
649.7 - 662.0	Light grey to buff Disseminated (acid) Volcanics highly Sld up to 70% sty.	Trace	195	596.7 - 599		}	30% sld Coald. minor py. Buff frag. minor Magnetite
		"	196	599 - 604.0			
		"	197	604 - 609			
		"	198	609 - 614			
		"	199	614 - 619			
662.0	End of hole.	"	200	619 - 623.5			
	It was very difficult to get core angle as the hole appeared to nearly parallel all structures.	"	201	623.5 - 627.0			
		"	202	627.0 - 632			
		"	203	632 - 637			
		"	204	637 - 642			
		"	205	642 - 647		}	60-70% sld Buff alteration.
		"	206	647 - 650			
		"	207	650 - 655			
		"	208	655 - 660			
		"	209	660 - 662			

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COCHRAN WILLIAMS GOLD MINES LIMITED

KRL 5218

BATHYMETRY 9 + 70 E STARTED BEARING Grid North D.D. HOLE NO. W-5-3  
 DEPARTURE 2 + 20 N COMPLETED DIP - 80' LOCATION  
 ELEVATION H.D. 123.7 V.D. 535.3 DEPTH 549.0 FILE

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0-50.2 - Casing Boulders + coarse gravel	Tr	240	66.6 - 68.5	60% Silt Carb. Brecciated Minor py
50.2 - 62.6 - fine greenish Mg. Mottled in appearance - (Red bed Long Dike) Minor	"	241	70.4 - 73.0	40% Silt Carb Brecciated hematite islets
62.6 - 231.5 - 233.0 - minor cubes + specks of py. very minor - whips	Tr	344	231.5 - 233.0	20% Silt Carb. minor py
231.5 - 233.0 - minor whips + specks of py. very minor - whips	Tr	345	329.0 - 331.0	20% Silt Carb.
233.0 - 290.9 - "Magnesian" Mg. Major volcanics (Andesite - Gneiss) some sections massive in appearance. Others speckled in appearance. Minor up to 1% of carb whips + stringers and of carb stringers 1" Minor py. specks are present throughout with hematite staining to 138. The odd 1 foot silt carb section up to 20% silt carb as at (231.5 - 233.0)				
248.3 - 3" silt carb stringers				
269.0 - 4" silt carb stringer Bx.				
290.9 - 292.1 - light grey - greenish speckled (mottled slightly) Long. Dike				
292.1 - 313.4 - Major volcanics as before. greater % silt carb up to 10% in sections. minor py.				
313.4 - 314 - Core gravel				

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED		BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE	ECONOMIC	GEOLOGY	
314.0-355.6 Malic volcanics as above		Tr	345	329.0 - 330.9	20%	Sdd Carb.	very minor py.
less % sdd. - railed.							
355.6 - 362.9 light grey-greenish speckled		"	346	353.6 - 355.9	10%	Sdd carb	minor py.
of slightly mottled in appearance leached							
Lamp like upper inclined at @ 70° - 1. CA			347	362.6 - 365.4	15%	Sdd Carb	minor py.
362.9 - 381.9 Malic volcanics as above							
slightly greater 10% sdd carb. some		"	348	377.6 - 380.1	15%	Sdd Carb.	2-4% py.
minor sections up to 10% sdd carb.			349	380.1 - 382.1	10%	Sdd carb.	1% py. Bull alteration.
381.9 - 435.1 - highly leached & altered		"	350	329.7 - 331.8	5%	Sdd carb.	fractured peggy
Lamp like light grey to buff in color							
minor inclusions of malic volcanics							
due to core setting nearly parallel							
to structures. speckled & mottled							
in appearance. 430-431.5 fractured							
grey carb in fractures vuggy							
435.1 - 458.5 Dark grey - grey							
Talc carbonate sections highly calc +							
sdd up to 60% minor specks through							
Minor apple green staining (456.1) mainly							
stagnant & (fragment-like) chunks grey carb.							
458.5 - 474.0 - Mainly malic volcanics carb							
sdd some sections up to 40% sdd carb.							

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COCHENOUR WILLIAMS GOLD MINES LIMITED

110-140  
D.D. HOLE NO. 149

LATITUDE		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
odd 8" section with cherty fragments		T+	351	435.0 - 440.0		40% cald. 2% py at contact	
+ up to 30% sulphides mainly py.		"	352	440.0 - 445.0		40% cald.	
Probably a 'uff'		"	353	445.0 - 450.0		" "	
474 - 498.8 Highly sld carbonate		"	354	450.0 - 455.0		" "	
minor cherty frags and odd		"	355	455.0 - 460.0		60% cald sld.	
sections up to 10% sulphides py.		"	356	460.0 - 465.0		30% sld cald 5% py. cherty frags	
433.8 - 490.3 - Dark grey Mg Quartz		"	357	465. - 469.		20% 2% py.	
Dk up to 5% py. at contacts:		.06	358	469 - 474.		30% sld cald. Buff frags. minor	
contacts @ 35° - L.O.A.						cherty frags. 2-4% py.	
490.3 - 512.0 Highly sld & altered		.06	359	474 - 479		60% sld cherty frags. 10% py.	
Major volcanics with odd sections		T+	360	479 - 484		50% sld cald minor py	
Buff cherty frags + minor py throughout		"	361	484 - 488.8		40% Cald sld. minor py	
odd 2" section highly sld carb BX		"	362	490.1 - 494.3		50% sld cald BX Buff frags minor py	
sections up to 70% sld cald.		"	363	494.3 - 497.2		70% sld cald BX. Buff frags minor py	
512.0 - 514.3 - talc carbonate		"	364	497.2 - 503.2		40% sld cald. Buff altd. minor py	
514.3 - 516.8 - Highly sld carbonate BX		"	365	503.2 - 508.2		" Ditto ↓	
516.8 - 530.0 - talc carbonate up to		"	366	508.2 - 512.0		" ↓	
60% cald.		"	367	512.0 - 514.6		" ↓	
530.0 - 533.3 Highly sld carbonate BX		"	368	514.6 - 517.8		80% Carb sld BX. Minor Butte	
with minor stringers Butte		"	369	517.8 - 522.8		50% sld cald.	
533.3 - 549. Talc carbonate up to		"	370	522.8 - 527.8		60% sld cald.	
46% cald.		"	371	527.8 - 530.0		" "	

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COCHENOUR WILLIAMS GOLD MINES LIMITED

KRL 5218

LATITUDE 11+40 E      STARTED JUNE 14/73      BEARING Grid North      D.D.HOLE NO. W-SURFACE #4  
 DEPARTURE 0+50 N      COMPLETED JUNE 21/73      DIP -650      LOCATION AIRPORT  
 ELEVATION      H.D. 363.4      V.D. 564.1      DEPTH 672.0      FILE

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0-78- Casmig - Boulders + coarse gravel				
78.0-78.5 grey-greenish altered & brecciated Lamp like slightly speckled. M.g.				
78.5 - 92.8 - Siderulid calid Vol. Sections up to 70% Sdd calid with tiny chlorite stringers. Sections near abd of hole sh. calcare + less sdd Calid. minor calc + specks of py. throughout				
92.8 - 103.9 - light grey to buff buff silic calid altered Volcanics (globular sdd calid frags) Buff alteration throughout minor calc frags up to 1" fractured. Manganese alteration over last 4' sections up to 2% py. (agglomerate?)				
103.9-114.8- dark grey-black M.g speckled + slightly mottled in appearance Oxide (Lamp?) minor py throughout very minor qtz + qtz calc stringers (whitney)				
114.8-118.5 green. M.g. Quartzite like with minor py at contacts				

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COCHENOUR WILLANS GOLD MINES LIMITED

ATTITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
118.5 - 122.5	heavily leached & altered buff-grey colored slightly mottled micaceous due to fine magnetite. Long Dike.				
122.5 - 124.0	30% Sld carb altered volcanic highly chlorite at contacts speckled cubes of py. throughout.				
124.0 - 135.2	Long Dike as above less leached slightly more mottled in appearance near bottom contact. Minor whorly + waxy qtz + qtz carb. stringers				
135.2 - 148.5	Schistose carbonate. (highly altered volcanic) up to 70% Sld Carb. Minor tourmaline stringers in highly sld mod carb. sections. Minor sections less sld & calc and more chlorite. Very minor sections Brecciated				
148.5 - 151.2	Sld Carb as above slightly more altered buff colored alteration				
151.2 - 154.4	green M.g. Diomite like with cubes & specks py throughout up to 1% minor whorly qtz carb. stringers				

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
154.4-172.4	Schistose Carbonated (altered Volcanics) as above. Up to 70% silicified in sections. Buff colored alteration throughout. Minor manganese up to 2% py in sections. chloritic changes & minor Bx.	Trace as	409	78.4 - 81.4	70% silicified carb. chloritic stringers.
		"	410	81.6 - 86.6	30% silicified carb. minor py.
		"	411	86.6 - 91.0	" "
		"	412	91.0 - 92.8	50% silicified carb. Buff alteration.
		"	413	92.8 - 97.8	40% silicified carb. Buff alteration. minor py globular
172.4 - 173.4	Core ground	"	414	97.8 - 102.8	30% silicified carb. Buff alteration. Gt.
173.4 - 181.2	S.C. altered Volcanics as above. sections slightly less silicified carb. 40% globular and granular in appearance. minor py throughout. 1/4" l. of py. in 1/2" silicified carb. stringers at 182.4	"	415	102.8 - 104.2	lag Bx. minor Mn-pyroxene alteration. 50% silicified carb. Buff alteration. 2% py. Mn-pyroxene
		"	416	122.2 - 124.2	15% silicified carb. chloritic Py. at contacts.
181.2 - 196.4	Altered Volcanics as above. sil. silicified moderately carb. up to 30% with minor 2" 60% silicified carb. stringers.	"	417	135.1 - 137.5	10% silicified carb. chloritic.
		"	418	137.5 - 142.5	15% silicified carb. minor chloritic stringers.
		"	419	142.5 - 146.5	40% silicified carb. Slightly Bx. towards filled fractures in 8" Bx. sections.
		"	420	146.5 - 149.7	20% silicified carb. Brecciated in sections chloritic & Mn-pyroxene alteration.
196.4 - 197.0	60% silicified carb. Bx. section. Minor py.	"	421	149.6 - 151.5	10% silicified carb. globular chloritic.
197.0 - 198.7	altered Volcanics 20% carb. minor silicified py.	"	422	154.0 - 156.5	20% silicified carb. minor py. chloritic.
		"	423	156.5 - 160.5	" "
198.7 - 198.9	light grey greenish speckled lamp Bx.	"	424	160.5 - 165.5	30% silicified carb. minor py. Buff alteration. globular

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D. HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
198.9 - 207.5	alt. Volcanics as above with odd minor $\frac{1}{2}$ " qtz cabed shungies.	Trace	425	165.5 - 170.5	30% sld cabed. minor py. Buff alteration sl. of shungies in appearance. (foss.?)
207.5 - 217	alt. Volcanics. 40% sld sl. Bx in sections shungies.	"	497	170.5 - 175.5	30% sld cabed. minor py. fragmented in appearance.
207.5 - 217	alt. Volcanics. 40% sld sl. Bx in sections shungies.	"	498	175.5 - 180.5	"
207.5 - 217	alt. Volcanics. 40% sld sl. Bx in sections shungies.	"	499	180.5 - 185.5	20% sld cabed. Buff alteration. minor py. Green Sp. py.
207.5 - 217	alt. Volcanics. 40% sld sl. Bx in sections shungies.	"	500	185.5 - 190.5	20% sld cabed. Buff alteration. py. throughout.
207.5 - 217	alt. Volcanics. 40% sld sl. Bx in sections shungies.	"	501	190.5 - 195.5	" Ditto (fragmented) hematite staining.
217.0 - 226.7	alt. Volcanics. 40% sld sl. Bx in sections shungies.	"	502	195.5 - 200.5	30% sld cabed. (fragmented) 8" s.c. Bx. section. shungies 2" large pieces.
217.0 - 226.7	alt. Volcanics. 40% sld sl. Bx in sections shungies.	.08	503	200.5 - 205.5	10% sld cabed. minor py. mainly shungies.
217.0 - 226.7	alt. Volcanics. 40% sld sl. Bx in sections shungies.	Trace	504	205.5 - 210.5	20% sld cabed. py. throughout. Butcher cherty Buff fragment @ 227.5.
226.7 - 236.6	alt. Volcanics. 40% sld sl. Bx in sections shungies.	"	505	210.5 - 215.5	" Ditto "
226.7 - 236.6	alt. Volcanics. 40% sld sl. Bx in sections shungies.	"	506	215.5 - 217.4	30% sld cabed. Butcher.
226.7 - 236.6	alt. Volcanics. 40% sld sl. Bx in sections shungies.	"	507	217.4 - 222.4	40% sld cabed. Buff alteration color. fragmented cabed. yellowish flecks!
226.7 - 236.6	alt. Volcanics. 40% sld sl. Bx in sections shungies.	"	508	222.4 - 227.4	" Ditto (fragmented) "
226.7 - 236.6	alt. Volcanics. 40% sld sl. Bx in sections shungies.	"	509	227.4 - 232.4	" Ditto " "
226.7 - 236.6	alt. Volcanics. 40% sld sl. Bx in sections shungies.	"	510	232.4 - 237.4	60% sld cabed. Buff alteration. Magnetite alteration minor py.
226.7 - 236.6	alt. Volcanics. 40% sld sl. Bx in sections shungies.	"	511	237.4 - 242.4	" Ditto "

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COCHENCOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DEP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
269.6-272.5	Alt altered 40%	Trace	512	242.4-247.6	20% Sdd carb. carb frags minor py.
	Sdd carb. sl Bx. Mafic Volcanics	"	513	247.6-252.6	20% Sdd carb. minor Buff alteration Sdd.
	chloritic stringers. Sdd carb stringers	"			carb frags + stringers
	+ frags.	"	514	252.6-257.6	" "
272.5-273	Core ground.	"	515	257.6-262.6	" "
273.0-276.5	Altered mafic Volcanics	"	516	262.6-265.8	20% Sdd carb. carbon py. stringers + frags.
	see cut (226.7-269.6)	"	517	265.8-269.5	" "
276.5-277.0	Ground core.	"	518	269.5-273.2	40% Sdd carb. Bx. chloritic frags + stringers
277.0-278.0	light green leached	"	519	273.2-278.2	70% Sdd carb. minor Sdd carb. Dike
	mottled in appearance sl. carb.	"	520	278.2-280.4	10% Sdd carb. minor py
	probably leached from dyke.	"	521	280.4-284.3	40% Sdd carb. Bx. minor Py
278.0-280.2	Mainly mafic	"	522	284.3-289.3	20% Sdd carb. up to 1% py. (frags + stringers)
	Volcanics as above altered + Sdd	"	523	289.3-294.3	" "
	carb. very massive up to 1 foot	"	524	294.3-299.3	20% Sdd carb. sl. Bx. minor py
	sections fl. carb 40% moderately				(frags + stringers)
	Sdd + Bx. Carbonated resembles	"	525	299.3-304.0	" Otto ↓ ↓ "
	frags (agglomerate) throughout minor	"	526	304.0-307.6	" ↓ ↓ "
	py mineralization. Odd 6" Buff	"	527	307.6-312.6	" ↓ ↓ "
	altered Sdd carb Bx. section	"	528	312.6-315.1	" ↓ ↓ ?
280.2-284.2	fl. sdd carb Bx. section	"	529	315.1-317.0	40% Sdd carb Bx. chloritic.
	up to 40% Sdd carb. minor Buff				
	alteration				

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COCHENOUR WILLANS GOLD MINES LIMITED

ELEVATION		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
284.2 - 314.2	Mainly altered Volcanics	Trace	606	317.0 - 319.7	30% sld calcd minor monzonite
as above	2780 - 280.2	"	607	319.7 - 322.8	76% sld calcd minor
314.2 - 316.6	46% Sld Calcd Bx.	"	608	322.5 - 333	" "
Section:					
316.6 - 319.5	Mafic Volcanics - altered	"	609	333. - 335.8	Dike 20% sld calcd.
as above		"	610	335.8 - 338.8	Dike 20% sld calcd
319.5 - 320.9	Leached altered	"	611	338.8 - 342.5	Upto 80% Calcd Sld Monzo 4% Sulphides & Bx + Sld Carbonate
	Leached altered				
320.9 - 322.7	Hl. sld calcd Bx. 70%	"	612	344.5 - 347.7	Hl. sld + calcd Bx. Monzonite + Buff alteration upto 80% Sld Calcd.
	Minor Monzonite at contacts contacts ground				
322.7 - 330.9	Leached altered Leached	"	613	347.7 - 349.8	60% Sld Calcd. Monzonite + Buff alteration Minor Bx.
as above	Minor py	"	614	349.8 - 352.7	30% Sld Calcd. glauconite py.
330.9 - 333.0	Hl. Sld calcd Bx. 70%	"	615	352.7 - 355.6	70% Sld calcd Bx. Minor Buffish Bx. sections
	Monzonite				
333.0 - 338.2	Hl. leached + altered	"	616	355.6 - 360.4	chloritic stringers Monzonite Minor py
	Leached altered				
338.2 - 340.8	Hl. altered Sld + Calcd	"	617	360.4 - 363.2	" Ditto ↓ "
	Leached altered				
340.8 - 342.4	Hl. altered Sld + Calcd	"	618	363.2 - 365.1	" ↓ "
	Leached altered				
342.4 - 344.0	Hl. altered Sld + Calcd Bx. 80%	"	619	365.1 - 368.3	80% Sld calcd Bx. Mainly Buff Bx. Minor chloritic stringers.
	Leached altered				
344.0 - 345.6	Hl. altered Sld + Calcd Bx. 80%	"	620	368.3 - 371.1	80% Sld calcd Bx. Mainly Buff Bx. Minor chloritic stringers.
	Leached altered				

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
342.4 - 344.8. Leached lumps like as above moderately calcid.	Trace.	620	368.3 - 372.2		70% Sld Carb. Buff. alteration
344.8 - 350.9. Hk sld carb. sl. Bx.	"	621	373.9 - 377.9		50% Sld Carb. 30% Buff Bx
with 50% Sld carb. Buff + Monoposide alteration throughout	"	622	377.9 - 380.2		70% Sld Carb. Buff Bx <sup>1</sup> Mon fault @ 379.2
350.9 - 371.9 Hk sld Carb. Buff Bx.	"	623	380.2 - 383.2		60% Sld Carb. Bx Py.
with 60% Sld carb. Monoposide alteration throughout odd minor reaction chlorite stringers, highly sld Bx	"	624	383.2 - 385.4		" " Py.
371.9 - 372.2 Hk green - grey lump like with minor py contacts @ 70° - L.C.A.	"	625	385.4 - 388.2		" " Py.
372.2 - 373.2 Hk sld Carb 80% Buff + Monoposide alteration minor py alteration	"	626	388.2 - 390.4		40% Sld Carb Bx py
373.2 - 375.3 - 4% sld Carb <sup>1</sup> up to 11% py.	"	627	390.4 - 393.2		50% Sld Carb minor py.
375.3 - 380.2 - 80% sld Carb Buff Breccia with minor py					
380.2 - 390.7 - 70% Sld carb Breccia Buff + minor Monoposide alteration 4% pyrite					

Sludges.  
600-620 .04  
640 .08

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COCHENOUR WILLANS GOLD MINES LIMITED

ELEVATION		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
390.7 - 398.2	50% sdd cabd <sup>1/2</sup> Mn <sup>2+</sup>	Trace	628	393.2 - 395.8	30% Sdd Cabd.
Bx. py		"	629	395.8 - 398.2	40% Sdd Cabd
398.2 - 416.8	70% Sdd Cabd Bx	"	630	398.2 - 403.2	60% Sdd Cabd Bx Monposite
	with sections Buff Bx included				
	Bx yellow speck, Monposite alteration				Sludges
	Thioisland minor py throughout				
					600-620 .06
					640 .08
416.8 - 417.3	Dark grey speckled in appearance. Lons Dike				
417.3 - 424.7	40% Sdd Cabd <sup>1/2</sup> with Buff + monposite alteration Bx	"	631	403.2 - 408.2	70% Sdd Cabd Bx Monposite + Buff alteration minor py
	in sections. Bx tilted towards lower contact.	"	632	408.2 - 413.2	" " yellow speck alt.
		"	633	413.2 - 417.0	" Ditto "
424.7 - 429.5	Talc carbonate up to 40% cabd.				
429.5 - 429.9	light grey f.g. Lons Dike? sl. Bx tilted Contacts @ 45° (Bx tilted + py)				
429.9 - 436.6	Talc carbonate as above up to 30% cabd.				
436.6 - 446.6	50% Sdd cabd <sup>1/2</sup> Bx tilted + py. rules of py throughout				

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COCHENOUR WILLANS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
446.6 - 474.5	Talc carb. as above slightly more schistose with conc angles @ 45° L.C.A.	Trace	634	417.7 - 421.1	40% Sld Carb. Monzonite
		"	635	421.1 - 424.7	30% Sld Carb. Monzonite + Biotite
		"	636	424.7 - 429.7	30% Carb.
474.5 - 475.0	highly Sld mainly gty	"	637	429.7 - 433.5	40% Carb. minor py
	sl. incl. Bx	"	638	433.5 - 436.7	" "
475.0 - 485.5	Mainly Bull gty with minor inclusions Bx	"	639	436.7 - 441.7	" "
		"	640	441.7 - 446.7	70% Sld Carb. minor py.
465.5 - 493.5	80% Sld Carb. slightly Bx. minor stunner Bull gty	"	641	446.7 - 451.7	40% Sld Carb. 2% py.
		"	642	451.7 - 456.7	" "
493.5 - 495.2	Bull gty stunner.	"	643	456.7 - 461.7	30% Carb. minor py.
495.2 - 498.9	70% Sld Carb. Bx.	"	644	461.7 - 467.0	" "
498.9 - 502.3	Bull gty as above. incl. - minor Bx. inclusions.	"	645	467.0 - 472.0	30% Sld Carb. minor py.
		"	646	472.0 - 473.5	20% Carb. Highly Biotite
502.3 - 504	70% Sld Carb. Bx. with minor Bull gty inclusions	"	647	473.5 - 475.2	70% Sld Carb. sl. Bx. white gty py
		"	648	475.2 - 477.8	White Bull gty minor inclusions Bx
504 - 504.7	30% Sld Carb. Biotite rich talcose. minor py.	"	649	477.8 - 480.2	" "
		"	650	480.2 - 487.3	" "
504.7 - 505.2	Bull gty stunner	"	651	487.3 - 488.2	white Bull gty with minor inclusions. Bx
505.2 - 506.3	30% Sld Carb. as above less Biotite	"	652	488.2 - 489.3	very minor monzonite stain
506.3 - 506.7	Bull gty stunner	"	653	489.3 - 489.2	70% Sld Carb. sl. Bx. white gty.
506.7 - 513.8	Talc carbonate. 40% carb Sld. with this section more Sld. with odd 1/2"	"			80% Sld Carb. sl. Bx. white + black. gty minor py

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COCHENOUR WILLANS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
513.8-570.8	Talc carbonate up to 40% Carb. moderately sld in sections stringers + pieces of qtz carb minor py throughout. up to 2% py in sections more chloritic + less Bwite in sections of higher schistosity	Trace	654	489.2 - 493.9	60% Sld Carb. white + bluish qtz. Minor fair stringers
570.8-571	Sld carb BY. 80% carb sld	"	655	493.9 - 495.7	80% Sld Carb. mainly Bull qtz sl. BY Minor py + Bwite
571-575.3	Talc carb as above.	"	656	495.7 - 498.19	60% Sld Carb. white + bluish qtz. Minor py + quartz % Bwite.
575.3-577.2	Schist carbonate 80% Sld carb. Minor Bull + composite alteration chloritic stringers towards bottom contact.	"	657	498.9 - 500.8	Mainly Bull qtz stringers with minor carb + Bull carb. inclusions
577.2-580.3	Talc carb. as above.	"	658	500.8 - 501.3	80% Sld Carb. Mainly Bull qtz sl. BY
580.3-581.1	Schist carbonate as above.	"	659	501.3 - 504.4	50% Sld carb. Minor Bull qtz. Bwite. Minor py
581.1-582.1	Talc carb as above	"	660	504.6 - 505.9	30% Sld carb. Bwite + 6" qtz. stringers.
582.1-583.2	Schist carbonate as above. Bwite stringers.	"	661	505.9 - 507.5	30% Sld carb. Bwite + minor qtz. stringers.
583.2-589.7	Talc Carb as above.	"	662	507.5 - 512.0	30% Sld Carb.
	Slightly more schistose low angles @ 50° - L.C.A	"	663	512.0 - 517.	30% Carb. sl. Sld.
		"	664	517. - 522	40% Carb. sl. Sld stringers + frags.
		"	665	522 - 527	"
		"	666	527 - 532	30% Carb. Sld. 14% py. Bwite + chloritic stringers
		"	667	532 - 537	30% Carb + sld Bwite + chloritic stringers
		"	668	537 - 541.5	50% Carb + moderately sld. Minor chloritic Minor py cubes.

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COCHENOUR WILLANS GOLD MINES LIMITED

ELEVATION		STARTED	BEARING		D.D. HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
589.7-593.7-	Sheepbed Carb Bx.	Trace	668	541.5-545.	30% Carb sh. Sld. frags + stringers
	as above up to 70% Sld Carb.	"	670	545-550	20% Carb.
	Up to 190 py. in sections chloritic.	"	671	550-555.	" "
	+ Biotite stringers increase in amt.	"	672	555-560	" "
	of Biotite towards lower contact.	"	673	560-565	" "
593.7-597.9-	Talc carb as above	"	674	565-570	30% Carb.
	slightly higher % of carb.	"	675	570-575	30% Carb. 2" Sld Carb Bx Section
597.9-598.2-	light grey M.g.	"	676	575-577.2	70% Carb Sld Buff + Monocarbonate alt.
	Dike (Diorte?)				white qty chloritic stringers
598.2-608.5-	Talc carb up to	"	677	577.2-580.2	20% Carb.
	40% carb moderately Sld not as rich as above	"	678	580.2-583.2	60% Sld Carb. Bx. near Buff alt.
608.5-608.8-	Bull qty. stringers				8" highly Biotite talc carbonate stringer
608.8-614.9.	Talc carb up to				included
	40% carb with minor 1" irregular	"	679	583.2-586.5	20% Carb.
	sections Sld carb Bx. between	"	680	584.5-589.4	30% Carb.
	610.5 + 611.3	"	681	589.4-593.4	70% Sld Carb. minor py. Biotite +
	slightly more schistose with coarse	"			chloritic stringers.
	angles @ 60° - L.C.A.	"	682	593.4-598.0	30% Carb frags + stringers.
614.9-615.6.	Bull qty.	"	683	598.0-603.0	" "
615.6-620.9.	Biotite rich Sheepbed	"	684	603.0-608.4	40% Carb. below of talc
	Carbonate up to 70% Sld carb. 5%	"	685	608.4-608.8	Bull qty.
	py. sp. fractured with minor	"	686	608.8-614.0	40% Carb 2% py
	sections Sld carb Bx.				

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COCHENOUR WILLIAMS GOLD MINES LIMITED

DATE		STARTED	READING		D.D. HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
620.9 - 626.9	dark carbonate as above upto 40% Carbonate	.34	687	612 - 614.9	38% calid sl. sld.
	stungers + blubs core ground	.10	688	614.9 - 615.5	Bull qtz
	(624 - 625) - minor py		689	615.5 - 620.5	70% calid sld. Biotitrich Mono Bx sections 5% sulphides py + po.
626.9 - 637.4	light grey to greenish leached in appearance seems to be a large dike (fractured?) with qtz + 0% carb in fractures. few minor inclusions siliceous carbonate Bx.	Trace	690	620.5 - 626.6	20% calid blubs sale
		.06	691	626.6 - 631.6	Dike? fractured small Bx inclusion.
		Trace	692	631.6 - 634.8	2-4% py + po. 60% sld calid.
		"	693	634.8 - 637.5	10% sld calid py. Dike?
		"	694	637.5 - 639.4	" " " Dike?
	with 4% sulphides py + po cubes of py throughout. upto 30% sld. counted in sections.	"	695	639.4 - 641.1	60% sld calid. py
		"	696	641.1 - 646.2	20% calid.
637.4 - 639.5	70% Sld Calid Sl. Bx somewhat siliceous towards the bottom contact.	"	697	646.2 - 651.2	30% calid. mod. sld. chloritic stungers. py throughout. 8" section quite siliceous.
		"	698	651.2 - 656.3	20% calid py. 3" inclusion sld calid Bx
639.5 - 641.2	dark carb. as above 20% calid.	"	699	656.3 - 661.4	20% calid stungers + frogs cubes py
		"	700	661.4 - 666.4	" " " cubes py
641.2 - 642	80% Sld Calid Bx. minor py	"	701	666.4 - 669.8	" " " "
		"	702	669.8 - 677	" " " "
642 - 642.8	dark carbonate 40% calid				with 2" qtz carb stungers.
642.8 - 646.3	70% Siliceous Carbonate with minor Bx. sections minor py + chloritic stungers throughout				

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COCHINOUR WILLIAMS GOLD MINES LIMITED

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LATITUDE 12+00 E STARTED \_\_\_\_\_ BEARING Grid North H.D. HOLE NO. SW-73-1  
 DEPARTURE 2+70 N COMPLETED 14/8/73 DIP \_\_\_\_\_ LOCATION \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ H.D. 167.5 V.D. 621.8 DEPTH 648 FILE \_\_\_\_\_

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0.0 - 45.0 Casing				
45.0 - 57.4 - <u>Mafic Meta Volcanics</u> <u>Andesite med. grain, has rounded, shaly</u> <u>lenticles &amp; fractured 5-8% silt-carb,</u> <u>stringers 1-2% scattered crystals py</u>				
57.4 - 65.2 - <u>Lamp. like</u> <u>crystalline med. grain, medium grained</u> <u>crystalline, foliated, several</u> <u>quartz - carb fractures</u>	Tr.	474	57.3	52.0
	"	477	12.0	65.2
65.2 - 68.1 - <u>Diorite Dike</u> <u>dark green, fine grained, massive</u> <u>shaly, crystalline</u>				
68.1 - 69.6 - <u>Mafic Meta Volcanics</u> <u>Andesite, dark green, fine-medium</u> <u>grained, somewhat well foliated</u> <u>at 90° to line axis</u>				

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ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
107.3 - 107.3 - Same as 107.3		Tr	472	67.5	-	75.0	5-8% silt carb. mod. mag. with 2% py
107.3 - 107.3 - Same as 107.3		"	473	75.0	-	80.0	"
107.3 - 107.3 - Same as 107.3		"	474	80.0	-	85.0	"
107.3 - 107.3 - Same as 107.3		"	475	85.0	-	90.0	"
107.3 - 107.3 - Same as 107.3		"	476	90.0	-	95.0	"
107.3 - 107.3 - Same as 107.3		"	477	95.0	-	100.0	2-4% silt carb. fractures 2% py
107.3 - 107.3 - Same as 107.3		"	478	100.0	-	105.0	"
107.3 - 107.3 - Same as 107.3		"	479	105.0	-	107.3	6" silt carb. Andrit.
107.3 - 107.3 - Same as 107.3		"	480	107.3	-	110.0	40-45% silt carb. mod. mag. with 2% py
107.3 - 107.3 - Same as 107.3		"	481	110.0	-	115.0	20-25% " " siltly "
107.3 - 107.3 - Same as 107.3		"	482	115.0	-	120.0	" " " " " "
107.3 - 107.3 - Same as 107.3		"	483	120.0	-	125.0	30-35% " " " "
107.3 - 107.3 - Same as 107.3		"	484	125.0	-	130.0	20-25% " " " "
107.3 - 107.3 - Same as 107.3		"	485	130.0	-	131.9	" " " " " "
107.3 - 107.3 - Same as 107.3		"	486	131.9	-	135.0	20% silt carb. - 3% py
107.3 - 107.3 - Same as 107.3		"	487	135.0	-	140.0	5-10% silt carb. 1-2% py
107.3 - 107.3 - Same as 107.3		"	488	140.0	-	145.0	" " " " " "
131.9 - 135.4 - Serpentine							
131.9 - 135.4 - Serpentine							
131.9 - 135.4 - Serpentine							

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COCHENOUR WILLIAMS GOLD MINES LIMITED

DEPTH	STARTED	BEARING	A.D. HOLE NO. SV-73-7	
DEPARTURE	COMPLETED	DIP	LOCATION	
ELEVATION	H.D.	V.D.	DEPTH	FILE
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
125.4 - 126.4 - D.D. 7 D.L.				
126.4 - 127.4 - D.D. 7 D.L.				
127.4 - 128.4 - D.D. 7 D.L.				
128.4 - 129.4 - D.D. 7 D.L.				
129.4 - 130.4 - D.D. 7 D.L.				
130.4 - 131.4 - D.D. 7 D.L.				
131.4 - 132.4 - D.D. 7 D.L.				
132.4 - 133.4 - D.D. 7 D.L.				
133.4 - 134.4 - D.D. 7 D.L.				
134.4 - 135.6 - Section 116				
135.6 - 136.6 - Section 116				
136.6 - 137.6 - Section 116				
137.6 - 138.6 - Section 116				
138.6 - 139.6 - Section 116				
139.6 - 140.6 - Section 116				
140.6 - 141.6 - Section 116				
141.6 - 142.6 - Section 116				
142.6 - 143.6 - Section 116				
143.6 - 144.6 - Section 116				
144.6 - 145.6 - Section 116				
145.6 - 146.6 - Section 116				
146.6 - 147.6 - Section 116				
147.6 - 148.6 - Section 116				
148.6 - 149.6 - Section 116				
149.6 - 150.6 - Section 116				
150.6 - 151.6 - Section 116				
151.6 - 152.6 - Section 116				
152.6 - 153.4 - Section 116				
153.4 - 154.4 - Section 116				
154.4 - 155.4 - Section 116				
155.4 - 156.4 - Section 116				
156.4 - 157.4 - Section 116				
157.4 - 158.4 - Section 116				
158.4 - 159.4 - Section 116				
159.4 - 160.4 - Section 116				
160.4 - 161.4 - Section 116				
161.4 - 162.4 - Section 116				
162.4 - 163.4 - Section 116				
163.4 - 164.4 - Section 116				
164.4 - 165.4 - Section 116				
165.4 - 166.4 - Section 116				
166.4 - 167.4 - Section 116				
167.4 - 168.4 - Section 116				
168.4 - 169.4 - Section 116				
169.4 - 170.4 - Section 116				
170.4 - 171.4 - Section 116				
171.4 - 172.4 - Section 116				
172.4 - 173.4 - Section 116				
173.4 - 174.4 - Section 116				
174.4 - 175.4 - Section 116				
175.4 - 176.4 - Section 116				
176.4 - 177.4 - Section 116				
177.4 - 178.4 - Section 116				
178.4 - 179.4 - Section 116				
179.4 - 180.4 - Section 116				
180.4 - 181.4 - Section 116				
181.4 - 182.4 - Section 116				
182.4 - 183.4 - Section 116				
183.4 - 184.4 - Section 116				
184.4 - 185.4 - Section 116				
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186.4 - 187.4 - Section 116				
187.4 - 188.4 - Section 116				
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191.4 - 192.4 - Section 116				
192.4 - 193.4 - Section 116				
193.4 - 194.4 - Section 116				
194.4 - 195.4 - Section 116				
195.4 - 196.4 - Section 116				
196.4 - 197.4 - Section 116				
197.4 - 198.4 - Section 116				
198.4 - 199.4 - Section 116				
199.4 - 200.4 - Section 116				

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COCHENOUR WILLIAMS GOLD MINES LIMITED

NATURE	STARTED	BEARING		O.D. LOG NO. 541-73-7	
DEPARTURE	COMPLETED	DIP 50°		LOCATION	
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
153.4 - 171.6 - Lamp Dike cutting the main vein and heavily fractured with massive structure of coarse grained massive material with small interstices to 1/2 inch size 2-4% disseminated fine grained contacts	Tr	497	170.0	- 171.6	fine sandstone, 5-8% iron oxide
	"	498	171.6	175.0	20% siltstone - 5% structure, iron oxide
	"	499	175.0	178.5	" " " 10% " " " "
	"	500	178.5	181.8	" " " 5% " " " "
	"	501	181.8	185.0	10-15% fine silt-carb. structure 1-2% py " "
	"	502	191.9	- 192.3	qtz - carb. fracture
171.6 - 181.8 - Siltstone Carbonate 80% siltstone carbonate, 15% fine bio stringers, 5% quartz fractures, trace py, possibly more alteration					
181.8 - 192.0 - Lamp Dike similar to 153.4 - 171.6					
192.0 - 194.0 - Dike Dike dark fine bio sand massive across the main fracture					
192.0 - 192.7 - qtz-carb. stringer					

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COCHINOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D. FILE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION	H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
194.0 - 228.1 - Lamp Dike moderately <del>eruptive</del> <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup>		72	503	212.5	214.0	shen. zone 20-25% qtz & carb.
decl. at 40° E. on axis		"	504	222.0	223.0	20% Sil. Carb. 1% qtz. <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup>
5% qtz. <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup>		"	505	223.0	233.0	60% " " 5% " " mod. "
1-2% disseminated <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup>		"	506	233.0	240.0	30% " " 3% " " <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup>
decl. at <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup>		"	507	240.0	245.0	60% " " 5% " " <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup>
		"	508	245.0	250.0	" " " " " " " "
228.1 - 263.0 - Sil. Carb. Breccia		"	509	250.0	255.0	" " " " " " " "
70% sil. carb. breccia		"	510	255.0	260.0	40% bull. bx 60% sil. carb. - mod. "
20% chlorite & biotite material -		"	511	260.0	265.0	" " " " " " " "
5% qtz. <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup>		"	512	265.0	270.0	60% sil. carb. still. "
1-2% <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup> mod. <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup>						
263.0 - 267.5 - Bull Breccia						
60% bull. breccia						
20-30% sil. carb.						
10-15% chlorite & biotite moderately <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup>						
marined						
267.5 - 297.5 Hly sil. carb						
intermediate <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup> <del>eruptive</del> <sup>eruptive</sup>						
60-70% sil. carb. 25-35%						

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COULINGUR WILLIAMS GOLD MINES LIMITED

ATTITUDE		STARTED	BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION	H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
	bio-calc. occasional buff altered	Tt	512	272.0	275.0	60-70% sil'd carb. silt. matrix.
	lenses of sil't. matrix in	"	511	275.0	280.0	↓
	sections 7 inches py.	"	515	280.0	285.0	
		"	516	285.0	290.0	
287.5 - 310.0	Buff altered lava	"	517	290.0	295.0	
	50% buff altered lava	"	518	295.0	300.0	50% buff alt'd, 30-40% sil'd carb. mod. matrix.
	4" sil'd carb. 10-20% bio-	"	519	300.0	305.0	" " " " " " " "
	alter., 2-3% disseminated py	"	520	305.0	310.0	30% " " " 20-25% " " " "
	small lenses of 45° to carb'					
	carb'	"	521	336.0	340.0	15% buff alt'd, 10% sil'd carb.
		"	522	340.0	345.0	" " " " " " " "
310.0 - 341.0	Intermediate Met. Volcanics	"	523	345.0	350.0	" " " " 20% " "
	Dacite, grey green, fine-grained	"	524	350.0	355.0	↓
	ly. alt'd & bio'd, 5-8%	"	525	355.0	360.0	
	sil'd carb. streaks, several	"	526	360.0	365.0	
	narrow brecciated sections buff altered	"	527	365.0	370.0	
	with 30-60% sil'd carb.					
	main py.					
341.0 - 386.6	generally 10%-20%					
	buff alt'd with varying sil'd					
	carb' content					

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COCHENOUR WILLIAMS GOLD MINES LIMITED

P.D. HOLE NO. SW-73-9

ELEVATION		STARTED COMPLETED		BEARING DJP		LOCATION	
GENERAL	GEOLOGY	H.D.	V.D.	DEPTH		FILE	
		OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
388.6 - 388.6	Lamp Dk.	Tr	528	370.0	375.0	10% buff bx	10-25% sil'd carb. Trace py
	benish. med. grained, mottled, finely chert well sorted	.04	529		380.0		
		Tr	530		385.0		
		"	531		390.0		
		"	532		395.0		
388.6 - 397.0	Intermediate Met. Volcanic	"	533		400.0		
	as before	"	534		405.0		
	10-15% buff sil'd 10-20%	"	535		410.0		
		"	536		415.0		
		"	537		420.0		
397.0 - 397.7	Diabase Dk	"	538		425.0		
	blue grey fine grained massive	"	539		430.0		
		"	540		435.0		
		"	541		440.0		
397.7 - 412.5	Intermediate Met. Volcanic	"	542		445.0		1 cm heavy py
	as 388.6 - 397.0						
412.5 - 413.4	Diabase Diabase						
	dk, mottled brown, medium grained, foliated						

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Lee

COURTNEY WILLIAMS GOLD MINES LIMITED

D.D. HOLE NO. SW-73-9

ELEVATION		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
413.4 - 541.6	Intermediate	Tz	543	445.0	450.0	10% buff all'd bx	10-20% sil'd carb, 1-2% py
	Mt. Unconform. matrix brecciated	"	544		455.0		
	10% buff bx sil'd, 10-25%	"	545		460.0		
	sil'd carb, 1-2% py	"	546		465.0		
	similar to above.	"	547		470.0		
		"	548		475.0		
541.0 - 557.3	Lamp Dike	"	549		480.0		
	mottled grey medium grained	"	550		485.0		
	leached, fractured, slight alteration	"	551		490.0		
	of feldspars, 2% carbons filling	"	552		495.0		
		"	553		500.0		
557.3 - 563.4	by A.H'd Intermediate	"	554		505.0		
	Mt. Unconform, 30-50% sil'd	"	555		510.0		
	20% carb. brecciated & leached.	"	556		515.0		
		"	557		520.0		
563.4 - 570.0	Lamp Dike	"	558		524.2		
	as 541.0 - 557.3	"	559	524.2	529.3		
	sharp contacts	"	560	529.3	533.6	20-30% buff bx	30% sil'd carb
		"	561	533.6	538.6		
		"	562	538.6	541.6		
		"	563.0	557.3 - 563.4		30-50% sil'd, 20% carb. T+ py	

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COOMENOUR WILLIAMS GOLD MINES LIMITED

D.D. HOLE NO. SW-73-9

ATTITUDE	STARTED	FINISHING	D.D. HOLE NO.		
DEPARTURE	COMPLETED	DEP	LOCATION		
ELEVATION	H.D.	V.D.	DEPTH		
GENERAL GEOLOGY	OUNCES	NO.	ECONOMIC GEOLOGY		
570.0 - 580.3 - Silicified Carbonate 70-80% Silic. Carb. 20-30% quartz, siliceous, 5% quartz, local highly microp'd, shaly low contrast	Tr	564	570.0	572.8	20-30% Silic. Carb. minor py
	"	565	572.8	577.8	↓
	"	566	580.3	580.3	
	"	567	580.3	584.4	
	"	568	588.7	592.6	
580.3 - 584.4 - Bell Island lava 60% Bell Island lava, brassy 30% silicified, 10-15% carbonat. Traces py.					
584.4 - 588.7 - Lamp Dike divided green, med. quartz multilobed, foliated					
588.7 - 592.6 - Intermediate (Met) Volcanic 30% Silic. carb.					
592.6 - 595.2 - Lamp Dike as 584.4 - 588.7					

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COGNACOUR WILLIAMS GOLD MINES LIMITED

R.D. HOLE NO. SW-73-9

STARTED		DEPARTURE		BEARING		DIP		D.D. HOLE NO.	
COMPLETED		ELEVATION		DEPTH		LOCATION		FILE	
H.D.		V.D.		DEPTH		ECONOMIC		GEOLOGY	
GENERAL		GEOLOGY		OUNCES	NO.	FOOTAGE		GEOLOGY	
595.2	- 636.5	Altered Intermediate	Tr	569	595.2	601.6	40-50%	Silt carb.	main p <sub>2</sub>
		Met. Volcanics, moderately brecciated, 20-30% silt carb.	"	570	601.6	606.6	20-30%	" "	" "
		min. sh. alteration, 1-3% Ag	"	571		611.6	" "	" "	" "
			"	572		616.6	" "	" "	" "
			"	573		620.6			
636.5	- 637.7	Met. Porphyry	"	574		625.6			
		Dike, yellow, waxy, fine grained	"	575		629.5			
		highly ser. V. sharp contacts	"	576		634.3			
			"	577		639.3			
637.7	- 647.0	Intermediate	"	578		644.3			
		Met. Volcanics, altered as	"	579		648.0			
595.2	- 636.5								
647.0	- 648.0	Yellow waxy quartz porphyry as 636.5-637.5							
648.0		Foot of Hole							

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COCHINOR WILLIAMS GOLD MINES LIMITED

KRL 5218

BATTERY 12+50 E STARTED June 22/73 LEASING Grid North  
 DEPARTURE 0+30 N COMPLETED June 29/73 DEP -65° D.D. HOLE NO. W-5 #5-8476  
 ELEVATION H.D. 417.0 V.D. 731.9 DEPTH 852' LOCATION AIRPORT FILE

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0-54. Casing Boulders + gravel.				
54-71.4. Grey M.G. And. Volcanics (AND-DAC) moderately carb. to near massive in sections. minor small Sld Carb sections.				
71.4-75.6 - light grey speckled in appearance Long Dike contacts altered with pyrite mineralization.				
75.6-86.4- Volcanics as above. with odd 2" Sld Carb sections.				
86.4-86.8- Sld Carb Bx. py at contacts possible fault zone.				
86.8-88.8. Moderately carb. Volcanics as above.				
88.8-92.3. Sld Carb Bx. minor Bull alteration py throughout				
92.3-94.3. Volcanics as above.				
94.3-96.1- Sld carb Bx minor Bull alteration py throughout (fault zone)				
96.1-145.0 - And. Volcanics (AND-DACITES) as above some sections moderately Sld carb up to 20% with Bull alteration py. up to 2% in sections				

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COPPERMOUNT WILLIAMS GOLD MINES LIMITED

ATTITUDE	STARTED	BEARING	D.L. HOLE NO.	
DEPARTURE	COMPLETED	DIP	LOCATION	
ELEVATION	H.D.	V.D.	DEPTH	FILE
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
145.0 - 148.7 Long Rise as above	Trace	756	54 - 56.4	60% Sld Mod. carb. py.
contacts H. Burtite minor py	"	757	69.9 - 72.0	10% Sld Carb. Buff alt. py
148.7 - 164.0 - Holic Volcanics as above	"	758	75.5 - 76.6	10% Sld Carb. Buff alt. py
shaly below % sld carb up to 20%				
with old minor section. Bx.	"	759	88.8 - 92.4	70% Sld carb Bx. chlorite stringers Buff alt. 1% py.
164.0 - 164.9. 70% Sld Carb. Bx.	"	760	94.2 - 96.4	70% Sld carb Bx. Buffish stringers. Burtite
minor chlorite stringers.				& minor py
164.9 - 165.7. 40% Sliced carb. Vol.				
minor py.				
165.7 - 166.0 - Leached Long Rise	"	761	101.5 - 106.5	30% Sld Carb. Buff alt. minor py
Contacts @ 60° minor py cubes	"	762	106.5 - 111.5	20% Sld Carb. minor Buff alt. py throughout
throughout	"	763	111.5 - 116.5	" "
166.0 - 196.8 H. Sliced Carb.	"	764	116.5 - 121.5	30% Sld Carb. Buff alt.
Volcanics) as above up to 50%	"	765	121.5 - 126.5	30% Sld Carb. Buff alt. 2-4% py. minor
Sld Carb. yellow speck Buff				Bx in sections
alteration & minor py throughout.	"	766	126.5 - 131.5	" "
196.8 - 197.1 - Sld carb Bx section.	"	767	140.2 - 145.0	10% Sld Carb. 2% py. Burtite
(probable fault) 70% Sld Carb.				at contact.
197.1 - 220.3 - Highly Sliced Carbonated Vol.	"	768	148.4 - 150.8	10% Sld Carb. 2% py. Burtite.
up to 70% Sld carb. Mn-pyrite +				
yellow speck alteration throughout. minor				
throughout minor up to 2"				

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CORHENOUR WILLIAMS GOLD MINES LIMITED

ATTITUDE	STARTED	BEARING		D.P. FILE NO.
DEPARTURE	COMPLETED	D.P.		LOCATION
ELEVATION	H.D.	V.D.	DEPTH	FILE
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
Schedved Carb. BX. Sections	Trace	769.	161.7 - 164.0	40% Sdd Carb.
220.3 - 220.5 - Highly Schedved Carb. BX. Section (Limit @ 65°-L.C.A)	"	770.	164.0 - 165.	80% Sdd Carb. Bx pyrite + chlorite stringers.
220.5 - 221.1 Schedved Carb. section	"	771	165. - 165.9.	40% Sdd Carb.
80% Sdd Carb. Monzonite alteration	"	772.	165.9 - 170.9	60% Sdd Carb. Buff alt py
221.1 - 221.7 - Sdd Carb BX unit	"	773.	170.9 - 175.0	60% Sdd Carb Buff alt py
221.7 - 224 - 60% Sdd Carb Vol.	"	774	175.0 - 180.0	20% Sdd Carb
Minor py.	"	775.	180.0 - 185.0	60% Sdd carb yellow speck alt + py.
224 - 225.7 Highly Sdd Carb BX	"	776	185.0 - 190.0	"
Minor tourmaline. 5-10% Sulphides.	"	777.	190.0 - 195.0	" " 2% py
Mainly py. Minor monzonite alt.	"	778.	195.0 - 199.0	40% Sdd Carb. minor BX. section
225.7 - 228.9 - 30% Sdd Carb alt. Vol.	"	779	199.0 - 204.	60% Sdd Carb Minor BX section Buff + yellow speck alt. minor py
228.9 - 233.1 - 60% Sdd Carb alt. Vol.	"	780	204 - 209.	70% Sdd Carb. Minor BX sections Minor Monzonite + Minor py
233.1 - 241.6 - Lamp Pike slightly leached	"	781	209. - 214.5.	70% Sdd carb. Minor BX Buff + Monzonite alt. minor tourmaline + py.
241.6 - 248.7 - Green Mg. Diorite Dike. slightly carb. in stringers.	"	782	214.5 - 220.	70% Sdd Carb. Minor tour. stringers. Monzonite. Buff + yellow speck alteration
248.7 - 255.6 Hl. alt. 60% Sdd & carb. Vol. minor py	"	783	220. - 221.1	80% Sdd Carb. monzonite. 2" BX. section
255.6 - 263.2 - 40% Sdd carb. - Volcanic sections slightly Bx. chloritic sections	"	784	221.1 - 221.9.	80% Sdd Carb BX.
	"	785	221.9 - 224.	70% Sdd Carb Monzonite alt. py. throughout

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COCHENOUR WILLIAMS GOLD MINES LIMITED

PARTS		STARTED		BEARING		D.D. ROLL NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
263.2 - 267.2	Hl. sld Carb Bx upto 60% sld carb. Minor chloritic reactions	<del>Trace</del> <sup>104</sup>	786	224.0 - 225.0		70% Sld Carb	tourmaline Monzonite 5-10% py.
267.2 - 273.2	20% Sld Carb alt Vol.	.22	826	225.0 - 225.7		70% Sld Carb Bx	py.
273.2 - 278.8	Lump dike very Minor carb stringers. lower contact chloritic.	Trace	827	225.7 - 228.9		30% Sld Carb	
278.8 - 287.0	Hl. Sld Carb Bx 80% sld carb. minor py throughout Buffish frag. Monzonite alteration	"	828	228.9 - 231.2		40% Carb sld.	
287.0 - 288.0	Highly sld? acid Volcanic Rhyolite!	"	829	231.2 - 233.3		60% Carb sld minor Monzonite & py	
288.0 - 291.5	Hl. Sld Carb Bx with (cherty) Rx frags. Buff alteration. Minor Monzonite & py.	"	830	246.7 - 249.7		" Ditto	"
291.5 - 292.8	30% Sld Carb Vol minor py	"	831	249.7 - 254.7		40% Carb sld minor Buff alt & py	
292.8 - 294.3	80% Sld Carb Buff Bx (Acid volcanic frags) 2% py.	"	832	254.7 - 259.7		30% Carb sld quite chloritic stringers & Blebs.	
294.3 - 294.5	Highly altered & chloritic dike? fault? contacts @ ss - L.C.A.	"	833	259.7 - 263.2		" Ditto	"
294.5 - 297.8	Hl. Sld Carb Bx with (cherty) Rx frags. Buff alteration. Minor Monzonite & py.	"	834	263.2 - 267.2		70% sld carb Bx. py chloritic reactions	
297.8 - 298.9	30% Sld Carb Vol minor py	"	835	267.2 - 272.7		20% Carb sld highly chloritic py throughout	
298.9 - 299.7	80% Sld Carb Buff Bx alt.	"	836	272.2 - 273.5		30% Carb sld minor py	
299.7 - 300.9	30% Sld Carb Vol minor py	"	837	278.6 - 280.9		50% Sld Carb chloritic @ contact with 1% py Buff alt & py throughout	
300.9 - 305.9	70% Sld Carb Bx Buff alt. alt.	"	838	280.9 - 285.9		70% sld carb sl. Bx Buff alt Monzonite	
305.9 - 308.9	60% Sld Carb Buff alt.	"	839	285.9 - 288.9		60% sld carb Buff alt.	
308.9 - 291.7	80% Sld Carb. large cherty (rx) frags. 2% py 2" chlorite reaction	"	840	288.9 - 291.7		80% sld carb. large cherty (rx) frags. 2% py 2" chlorite reaction	

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D. HOLE NO.
DEPARTURE		COMPLETED	DEP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
294.5 - 296.2	Sld carb. Buff Bx as below.	Trace	841	291.7 - 296.2	80% sld carb. (Rx) frags Buff alteration 4% py. 7" chlorite stanger py mineralization @ contacts
296.2 - 303)	30% sld carb. alt Vol. with minor Hl sld carb. Bx. sections	"	842	296.2 - 299.8	40% sld carb. Vol + minor Bx sections
303.0 - 303.7	60% Sld Carb. Vol	"	843	299.8 - 303.9	30% sld carb. sl. Bx
303.7 - 320.0	80% Sld Carb. Bx. Unit cherty Rx frags slightly buffish in sections	"	844	303.9 - 308.9	40% Sld Carb. (Bx + minor chlorite stanger)
320. - 320.4	altined Dike probably lamp dike	"	846	313.9 - 313.5	70% Sld Carb. Bx (Rx frags)
320.4 - 322.5	30% sld carb. alt Volcanics. 2-4% py.	"	848	318.9 - 320.0	70% Sld Carb. Bx Buffish alt (Rx frags) 60% Sld Carb. Bx. Buffish alt.
322.5 - 325	Dark grey mottled lamp dike	"	849	320.0 - 322.6	20% Sld Carb. 4% py. Buffish + chlorite
325.0 - 325.9	30% sld + carb. alt Volcanics 4% py 1/2" qty stanger.	"	850	324.7 - 325.9	10% Sld Carb. 5% py 1/2" qty stanger
325.9 - 329	70% Sld Carb. Bx. Minor Buff lamp.	"	851	325.9 - 328.7	60% sld carb. Bx. py chlorite stanger
329.0 - 331	30% Sld carb. alt Vol. 4% py	"	852	328.7 - 330.9	10% sld carb. 4% py. Minor Bx frags 60% chlorite
331 - 331.9	Bx as above	"	853	330.9 - 331.9	60% Sld Carb. Rx chlorite + Buffish stanger.
		"	854	331.9 - 334.4	40% sld carb. sl. Bx
		"	855	334.4 - 336.7	60% Sld Carb. Bx 10% py
		"	856	336.7 - 339.4	30% Sld Carb. sl. Bx in sections

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D. HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
331.9 - 332.6 -	Sld Carb. Vol. as above	Trace	857	339.4 - 344.4	40% Sld Carb. 2% py.
332.6 - 334.3 -	Bx. as above	"	858	344.4 - 349.4	70% Sld Carb. Bx minor chlorite
334.3 - 334.8 -	Sld Carb. Vol. as above				stingers.
334.8 - 336.7	Bx. as above	"	859	349.4 - 350.9	100% sld carb. Bx + Vol Buff alt Bx
336.7 - 344.4 -	Sld Carb. Vol. as above				1% py.
Sections up to	2% py very minor	"	860	350.9 - 353.2	60% Sld Carb. Bx Buff alt Bx py.
Bx. Sections:					
344.4 - 349.4 -	Bx as above	"	861	353.2 - 358.2	20% Sld carb. sl Bx in sections py
349.4 - 349.8 -	Sld Carb. Vol. as above	"	862	358.2 - 363.2	" Ditto
349.8 - 350.7	Bx as above	"	863	363.2 - 368.2	" Ditto (also tiny blue qtz stinger)
350.7 - 351.5 -	Sld Carb. Vol. as above	"	864	368.2 - 373.1	" Ditto
351.5 - 352.1 -	Bx as above	.04	865	373.1 - 378.1	"
352.1 - 379.6	30% Sld Carb. Vol. as above with minor sections	.04	866	378.1 - 379.5	60% Sld Carb. Buffish Bx yellow speck alt. py.
up to 1"	Bx included very minor	.06	867	379.5 - 380.6	" Ditto
yellow speck + Buff alteration.		Trace	868	380.6 - 385.6	30% Carb. sld. chlorite minor py +
379.6 - 380.6 -	80% Sld Carb. Bx unit				Minor Bx.
as above		"	869	385.6 - 388.8	40% Carb. sld. chlorite.
380.6 - 389.0 -	Sld Carb. Vol. as above	"	870	388.8 - 391.6	70% Sld Carb. Buffish Bx sections
389.0 - 391.4 -	Bx as above				minor yellow speck alt.
391.4 - 392.5 -	Sld Carb. Vol. as above	"	871	391.6 - 396.6	60% Sld Carb. Buffish Bx sections
392.5 - 395.2 -	Bx as above				Chlorite stingers + py.

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ELEVATION		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
395.2 - 402.4	Vol. as above	Trace	964	396.5 - 397.4		10%	Sld carb.
402.4 - 404.6	Sld Carb Buff Bx	"	965	397.4 - 399.9		50%	Sld Carb (Bx) Buff frag
	Buff Bx frag.	"	966	399.9 - 404.9		"	"
404.6 - 405.2	Dark to med. grey.	"	967	404.9 - 409.4		"	" 2% py.
	Ironed & shaly fragment. Dike?	"	968	409.4 - 414.4		40%	Sld Carb (Bx) 2% py
	Sed. ? contact @ 35° - L.C.A.	"	969	414.4 - 419.4		20%	Sld Carb (Bx) minor py
405.2 - 409.3	Bx as above one	"	970	419.4 - 424.4		30%	Sld Carb (Bx) Buff Bx frag.
	Minor section up to 2% py	"	971	424.4 - 429.4		"	"
409.3 - 418.5	Altered & carb	"	972	429.4 - 434.4		10%	Sld Carb (Vol.) 10% Buff Bx.
	Major Volcanic (and) with py.	"	973	434.4 - 439.4		40%	Sld Carb (Bx) Buff frag py.
	throughout minor sld carb Bx	"	974	439.4 - 444.4		20%	Sld Carb (Bx) minor py
	inclusions	"	975	444.4 - 449.4		10%	Sld Carb (Bx) minor 8" dikes.
418.5 - 419.0	Sld Carb Bx	"	976	449.4 - 454.4		"	"
419.0 - 420.6	and as above	"	977	454.4 - 459.4		Minor	Sld Carb Bx sections.
420.6 - 421.9	Sld Carb Bx as above	"	978	459.4 - 464.4		40%	Sld Carb (Bx) Buff Bx frag minor
421.9 - 423.1	and as above sl.					py	
	Bx in sections	"	979	464.4 - 466.5		40%	Sld Carb (Bx) minor py.
423.1 - 424.9	Sld Carb Buff Bx	"	980	466.5 - 470.0		60%	Sld Carb (Bx) 2% py
	as above.						
424.9 - 425.8	and as above						
425.8 - 426.4	Sld Carb Buff Bx.						
426.4 - 427.8	and as above						

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC	GEOLOGY
427.8 - 429.8	Sld Carb. Buff BX					
429.8 - 433.7	Ind. as above					
433.7 - 437.6	BX as above					
437.6 - 441.6	Volcanics as above					
441.6 - 441.7	Sld carb. BX section fault zone					
441.7 - 444.0	Mafic Vol and as above with minor inclusions BX					
444.0 - 444.5	Sld Carb. BX Buff frag.					
444.5 - 445.8	Volcanics as above					
445.8 - 446.4	lamp Dike - $\frac{1}{4}$ " Otic calc splinters at lower contact					
446.4 - 446.9	Sld carb. BX					
446.9 - 459	Mainly mafic Volcanics with minor BX inclusions					
459.0 - (478.5)	Sld Carb. Buff BX sections with Buff frags minor chert + s.p. rocks frag.					
478.5 - 487.9	H. sld & carb. agglom. buff frags minor BX sections buffish alt.					
487.9 - 491.0	Lamp Dike					

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
491.0 - 493.0	agglomerate as above.	Trace	42.	470 - 475.	60% Sld Carb Bx. Buff frags murray
493.0 - 493.7	(Lamp Dike) South cherty Rx frag + minor qtz + py carb. stringers.	"	43	475 - 478.8	60% Sld Carb Bx. Buff frags 1% py
		0.04	44.	478.8 - 483.8	40% Sld Carb py.
		"	45.	483.8 - 488.3	40% Sld Carb py.
493.7 - 495.0	highly siliceous cherty in appearance Rx 80% Sld Carb Bx. cubes of py at bottom contact.	"	46.	488.3 - 492.9.	50% Sld Carb murray py
	contact @ 40° - h.c.a.	"	47.	492.9 - 495.0	M.R.D Hl. Siliceous
		"	48.	495.0 - 499.2	40% Carb mod. sld.
495.0 - 499.2	Talc Carb. resembles (agglom) with frags qtz-carb.	"	49.	499.2 - 500.9	M.R.D
	40% Carb mod sld. cubes of py.	"	50.	500.9 - 505.9	40% Carb mod. sld. py cubes.
		"	51.	505.9 - 509.8	40% Carb. mod sld py cubes.
		"	52.	509.8 - 514.8	" Ditto " uniform sheared
499.2 - 500.8	Mottled felsite Dike as above. 1% cubes py. at contact	"			Slightly higher % carb.
500.8 - 513.2	Talc carb as above. With minor S.C. Bx inclusions.	"	53.	514.8 - 519.8	40% Carb mod. sld. py. cubes uniform sheared higher % carb.
		"	54.	519.8 - 524.8.	30% Carb mod sld. py cubes
513.2 - 518.9	Talc Carb. somewhat sheared + uniform probably hl. carb 50% with minor S.C. stringers.	"	55	524.8 - 529.8	" Ditto "
		"	56	529.8 - 534.8	
		"	57	534.8 - 539.8	
		tr	58	539.8 - 544.5.	
544.5 - 558.1	Talc Carb up to 40% Carb remains (agglom) in sections	"	59	544.5 - 549.5	
		"	60	549.5 - 554.5	
558.1 - 558.5	80% sld carb. mainly Bull qtz.	"	61	554.5 - 559.2	

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
558.5 - 559.4	Talc carb as above				
559.4 - 560.3	70% Sld carb BX				
560.3 - 566.5	Talc carb as above				
566.5 - 567.9	70% Sld carb BX				
567.9 - 571.0	Ground core (Talc carb probably)				
571.0 - 571.7	70% Sld carb BX				
571.7 - 573.2	Talc carb as above				
573.2 - 590.6	60% Sld carb BX				
Sections Hl. Sld near bull qty					
stingers other minor sections					
Sl. talcose with cubes py.					
590.6 - 592.4	Talc Carb Hl. carb				
up to 50% carb mod. Sld					
592.4 - 604.2	BX. as above				
604.2 - 604.9	Talc carb.				
604.9 - 605.1	Bull quartz				
605.1 - 608.2	Talc carb.				
608.2 - 609.3	Mainly Bull qty stingers				
609.3 - 611.6	Talc carb.				
611.6 - 612.5	Mainly Bull qty stingers				
612.5 - 615.9	Hl. Carb + sld up to				
40% Talc Carb.					

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
615.9 - 625.5	Hd sidd Sided	tr	62	559.2 - 560.3	70% sidd carb Bx
	Carb Bx. sections with minor	"	63	560.3 - 564.4	40% Carb. mod. sidd
	qtz stringers	"	64	564.4 - 568.2	70% sidd Carb Bx
625.5 - 646.	Talc carb. upto 40%	"	65	568.2 - 571.0	Core ground mainly 30% Carb talc carb
	sidd carb in sections	"	66	571.0 - 571.7	70% sidd Carb Bx.
646. - 648.7	Sidd Carb Bx minor	"	67	571.7 - 576.7	40% sidd Carb Bx minor talc
	talc inclusions	.08	68	576.7 - 581.7	70% sidd Carb Bx 2" bull qty stringers
648.7 - 650.8	Talc carb as above	.06	69	581.7 - 584.7	70% sidd Carb Bx 10% bull qty
650.8 - 653.3	Sidd Carb Bx as above	.01	70	584.7 - 589.0	50% sidd Carb minor Bx 2% py.
653.3 - 656.5	Talc carb as above	tr	71	589.0 - 590.8	40% sidd Carb Bx. Buttle stringers
	very minor (Sidd Carb Bx frog inclusions)	"	72	590.8 - 592.5	30% Carb. py.
656.5 - 657.1	Sidd Carb Bx	.06	73	592.5 - 596.6	70% sidd Carb Bx minor Buttle
657.1 - 666.0	Talc Carb as above	.06	74	596.6 - 601.6	60% sidd Carb. minor qty & py.
666.0 - 661.5	Sidd carb Bx.	tr	75	601.6 - 606.4	40% Carb. 2" bull qty stringers
661.5 - 662.2	Talc Carb.	.18	76	606.4 - 608.3	30% Carb py.
662.2 - 663.0	Sidd Carb Bx.	.08	77	608.3 - 609.4	Bull qty stringers. 1% py.
663.0 - 692.2	Talc Carb upto 40%	tr	78	609.4 - 611.8	20% Carb 1% py.
	carb mod sidd in sections. odd	"	79	611.8 - 612.5	Bull qty with minor Bx. inclusions
	minor upto 5" section Sidd Carb.	"	88	612.5 - 616.7	30% Carb.
	Bx inclusion py cubes throughout	"	99	616.7 - 619.5	70% sidd Carb. Bx. 20% Bull qty
		"	100	619.5 - 622.9	60% sidd Carb Bx.
		"	101	622.9 - 625.6	" "

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COCHENOUR WILLANS GOLD MINES LIMITED

ATTITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
692.2-692.8-	ground core	tr	102	625.6 - 630.6	20% Carb. sl. sild. cubes py.
692.8-694.3-	Talc Carb as above.	"			minor 2" Bx section.
694.3-694.8.	ground core.	"	103	630.6 - 635.6	" "
694.8-696.1-	Talc carb. as above.	"	104	635.6 - 640.6	1. Ditto "
696.1-697.8-	70% Sild. Carb. Bx.	"	105	640.6 - 643.2	" "
697.8-702.6-	Talc Carb. as above.	"	106	643.2 - 646.2	" "
up to	30% Carb. sl. sild	"	107	646.2 - 649.0	60% Sild Carb Bx.
702.6-704.2-	70% Sild Carb Bx. as	"	108	649.0 - 650.9	20% Carb.
above.		"	109	650.9 - 653.3	70% Sild Carb Bx.
704.2-726.6-	Talc Carb as above.	"	110	653.3 - 656.6	30% Carb. cubes py.
with very minor up to 3" inclusions		"	111	656.6 - 658.4	40% Sild Carb Bx. + Talc.
Sild carb. Bx.		"	112	658.4 - 666.0	20% Carb.
726.6-727-	Core ground.	"	113	666.0 - 663.7	60% Sild Carb Bx. minor 8" Talc Carb.
727.0-728.0	70% Sild Carb. Bx.	"	114	663.7 - 668.7	20% Carb. sl. sild
728.0-732.0	Talc Carb up to	"	115	668.7 - 673.0	30% Carb. sl. sild
30% Carb. sl. sild. sl schistose		"	116	673.0 - 674.7	" "
with core angles @ 45° - L.P.A.		"	117	674.7 - 676.7	30% Carb. sl. sild 2-3" sild
732.0-737.9-	Talc Carb. light greenish	"			Carb Bx sections
in color uniformly Carb. up to		"	118	676.7 - 681.7	30% Carb. sl. sild. 2-3" sild
40% in sections.		"			Carb Bx. sections
737.9-756.4-	Talc Carb as above	"	119	681.7 - 686.7	30% Carb. sl. sild.
756.4-762.8.	Hl. altered Sild +	"	(120)	686.7 - 691.4	" "
		"	(121)		

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AATITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
Coald	Mafic Volcanics (andesites)				
with qty + qty	Carb Stungas	Trace	122	691.4 - 696.0	20% Carb sl. sld
up to	4% pyrite in sections	"	123	696.0 - 697.8	70% Sld Carb BX
usually in more	Siliceous sections	"	124	697.8 - 700.3	30% Carb sl. Sld
762.8 - 763.0	Ground core.	"	125	700.3 - 702.4	" "
763.0 - 765.2	70% Sld Carb BX.	"	126	702.4 - 704	70% Sld Carb BX. Minor Bull quartz
765.2 - 766.0	Talc Carb 40% Carb + sl. sld	"	127	704 - 709	20% Carb sl. sld
766.0 - 767.9	70% Sld Carb BX.	"	128	709 - 714	30% Carb sl. sld. 2" BX sections
767.9 - 771.6	Talc Carb 20%	"	129	714 - 719	" "
	Carb sl. sld minor 1" Sld	"	130	719 - 724	" "
	Carb BX section.	"	131	724 - 727	20% Carb sl. sld.
771.6 - 772.4	70% Sld Carb BX	"	132	727 - 728	60% Sld + Carb BX.
772.4 - 772.6	Talc Carb. as above.	"	133	728 - 733	30% Carb sl. sld last foot sl. Bull BX
772.6 - 773	Core Ground	"	134	733 - 738	30% Carb sl. sld uniform talc
773.0 - 773.7	Hl. Sld Carb sl. BX	"	135	738 - 743	20% Carb sl. sld. (frags) py
	80% Sld Minor Bull quartz.	"	136	743 - 748	30% Carb mod. sld. py
773.7 - 777.8	Talc Carb as above. py cubes	"	137	748 - 753	20% Carb sl. sld py.
777.8 - 779.3	Highly altered + leached sl. speckled + mottled in appearance	"	138	753 - 756.5	30% Carb mod sld py
	lumps Dike.	"	139	756.5 - 761.5	20% carb. py throughout
779.3 - 782.8	Talc Carb as above	"	140	761.5 - 763.0	30% Carb Sld

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED		BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE	ECONOMIC	GEOLOGY	
sl. Carb. up to 20% in sections		Trace	141	763.0 - 765.2	40%	Sdd Carb	sl Bx. py
783.3 - 803.6 - Tale carb. sl.		"	142	765.2 - 767.9	"	"	" py
bonded in appearance due to		"	143	767.9 - 770.8	20%	Carb.	
Carbonate stringers sl. Schistose		"	144	770.8 - 771.5	40%	Sdd Carb	sl. Bx.
up to 40% carb. in sections		"	145	771.5 - 774.8	20%	Carb. sl. Sdd.	minor 2"
py cubes throughout. Core angles		"					small qty stringers.
@ 40° - L.C.A.		"	146	774.8 - 778.0	20%	Carb.	py
803.6 - 805.4 Tale carb. up to		"	147	778. - 783	20%	Carb.	py
20% Carb. stringers + lblets of		"	148	783 - 788.	30%	Carb.	
Tale.		"	149	788 - 793.	30%	Carb. sl. Sdd	(Bonded) schistose
805.4 - 806.5 80% Sdd Carb. sl.		"	150	793 - 798.	"	"	" schistose
Bx in minor section mainly Bull		"	151	798 - 803	"	"	" schistose
quartz with - with 5-10%		"	152	803 - 805	20%	Carb.	minor py Magnetite at
sulphides py + Mag. at bottom contact		"					contact.
806.5 - 807.2 - Mod. Carb. up to		"	153	805. - 806.3	60%	Sdd Carb.	3" bull qty stringers.
20% Tale. Carb. 5-10% Sulphides		"			10%	Sulphides py + magnetite.	
Mainly py. + Magnetite.		"	154	806.3 - 808.4	40%	Sdd Carb.	10% Sulphides py +
807.2 - 807.6. 70% Sdd Carb. Bx.		"					Magnetite.
807.6 - 808.1 Tale carb. as above		"	155	808.4 - 813.4	30%	Carb.	last 1 1/2' uniform +
808.1 - 808.5 70% Sdd Carb. Bx.		"					schistose.
5-10% py + Mag.		"	156	813.4 - 815.4	30%	Carb.	uniform schistose.
808.5 - 815 - Tale Carb. as above		"	157	816.0 - 818.9	20%	Carb. (frags)	highly B. white

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COCHEMOUR WILLANS GOLD MINES LIMITED

LATITUDE		STARTED		BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
815.0 - 816.2	Tamp Dike	Trace	158	818.9 -	823.9	30% Carb.	uniform schistose
816.2 - 819.0	Tale Carb. as above	"	159	823.9 -	828.9	20% Carb	Buthic
819.0 - 820.0	Core ground	"	160	828.9 -	832.9	" Ditto	"
820.0 - 852.0	Tale Carb. some sections massive + schistose	"	161	832.9 -	837.9	"	"
	with core angle @ 40° - L.C.A.	"	162	837.9 -	842.9	"	"
	others up to 40% carb. in	"	163	842.9 -	847.9	"	"
	stungus + fragments	"	164	847.9 -	852.0	"	"
852.0 - End of Hole							

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COCHENOUR WILLANS GOLD MINES LIMITED

#X KRL 5218

AATITUDE 13 + 40 E

STARTED July 7/73

BEARING Grid North

D.D.HOLE NO. W.S. # 6 8470

DEPARTURE 2 + 35 N

COMPLETED

DIP - 45°

LOCATION Airport

ELEVATION

H.D. 290.9 V.D. 259.5 DEPTH 390.0

FILE

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0-56 - Coarse Boulder + gravel				
56-62.4 - Hl Sdd + Coald sl. Bx. in sections agglomerate. Buff + yellow trace 2-4% sulphides py. Monzonite alteration. Rust stain				
Throughout core was mined for months this section ground very blocky.				
62.4-66.8 - Hl Sdd Coald. Malie Volcanics (andesite) with Hl Sdd Coald sections appearing (agglomerate)				
66.8-71.0 Core ground + blocky rust staining.				
71.0-78.8 Malie Volcanics as above.				
78.8-79.6 - Long Dike Hl altered & leached.				
79.6-88.8 Agglomerate 40% Sdd Coald sections up to 4% py. buff trace. minor Monzonite alteration				
88.8-89.1 - Leached Long Dike as above				
89.1-90.8 Agglomerate as above. 30%				

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COCHENOUR WILLANS GOLD MINES LIMITED

LATITUDE		STARTED		BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
	Sld Carb.	TRACE	578	56.0 - 61.0		50% Sld Carb	1% py. Mast. core ground
90.8 - 96.7	Leached Long Dike as above. moderately carb. - s. fungus. speckled	"	579	61.0 - 66.0		" Ditto	"
		"	580	66.0 - 71.0		40% Sld Carb	1% py. mast. core ground
		"	573	79.6 - 84.6		50% Sld Carb	Buff f. py. up to 4%
96.7 - 103.7	Argonate as above. 30% Sld Carb. Bull. Imp. 4%	"	574	84.6 - 88.2		40% Sld Carb.	" Ditto "
	Sulphides mainly py. & pr.	"	575	88.2 - 90.7		30% Sld Carb	" Ditto "
103.7 - 107.3	Duete Dike f.g. green Sl	"	576	96.5 - 99.8		" Ditto	"
	Sld Carb. - S. fungus	"	577	99.8 - 104.0		" Ditto	"
107.3 - 114.6	Pomp Dike mottled + speckled in appearance	"	584	119.1 - 124.1		30% Carb mod. sld.	py. Stunges & alc.
114.6 - 117.2	f.g. grey green Duete Dike	"	585	124.1 - 129.1		" Ditto	"
117.2 - 119.5	Pomp Dike as above. Bottom contact highly chloritic.	"	586	129.1 - 134.1		" Ditto	plus 3" (chloritic) Duete Dike
119.5 - 130.2	Talc carbonate quite uniform 30% Carb sld throughout	"	587	134.1 - 139.1		" Ditto	"
130.2 - 130.4	Highly chloritic Dike altered probable Duete Dike	"	588	139.1 - 141.5		40% Sld Carb.	Highly chloritic minor bull qty.
	conducts @ 30° - L.C.A.	"	589	142.9 - 144.4		40% Carb sld	2% py
130.4 - 140.4	Talc Carb as above. minor red (Hematite) staining	"	590	148.3 - 153.3		40% Carb Mod. Sld	2" Bull qty
		"	581	167.1 - 167.1		Stunges very chloritic	
		"	582	167.1 - 172.1		30% Sld Carb py	
		"	583	181.1 - 184		" Ditto	"

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COCHENOUR WILLANS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
	runes of py. throughout				
140.4 - 142.3	light green f-m.g. Diorte Dike 1/2. Sld Carb at upper contact. Minor up to 2% in sections. Diss. py. throughout				
142.3 - 143.2	-40% Carb Sld talc. Carbonate.				
143.2 - 148.7	Diorte Dike as above with small inclusion S.C. Bx.				
148.7 - 153.1	Highly chloritic talc carbonate up to 30% carb mod. Sld. 1-1" section Bull qtz + chlorite.				
153.1 - 162.7	Leached Lomp Dike. sl. Sld Carb.				
162.7 - 163.5	Mafic Volcanics (Andesite) 20% Sld Carb (resembles agglom in sections). - Sld Carb in stringers & fragments				
163.5 - 164.0	Core ground.				
164.0 - 171.3	Mafic Vol. as above				
171.3 - 181.3	light f.g. Diorte Dike.				

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COCHENOUR WILLANS GOLD MINES LIMITED

ATTITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
Upper contact @	25° - L.C.A.	T+	624	254.0 - 259.0	40% Sld carb. cubes of py odd
Lower contact @	50° - L.C.A.				1/2" Bull qtz stringer.
181.3 / 188.9	Mafic Volcanics	"	625	259.0 - 262.4	"Ditto" ↓
as above	Sl. agglom. Mod.	"	626	262.4 - 264.0	"Ditto"
Carb. Sld up to	20% in sections	"	627	264.0 - 269.0	"Ditto"
188.9 - 190.4	Light green fine grained	"	628	269.0 - 271.5	Ditto ↓
Diorite Dike		"	(X) 639	271.5 - 273.5	
190.4 - 196.0	Mafic Volcanics as	"	629	274.6 - 280.0	30% Carb Sld chlorite Musc 1/2" Bull.
above with the	odd inclusion				qtz stringer cubes py.
Mafic Volcanics		"	630	280.0 - 285.	"Ditto" ↓
196.0 - 222.4	Mafic Volcanics as	"	631	285 - 290.	
above sections	massive other	"	632	290 - 295	
sections appear	agglomerate	"	633	295 - 300.	30% Carb Mod. Sld cubes py.
sections up to	20% Carb Sld				odd stringer tale
(stringers + fragments)		"	634	300. - 305.	Ditto ↓
222.4 - 222.8	Diorite Dike with	"	635	305 - 310	Ditto ↓
1/2 qtz stringer		"	634	310 - 313.3	Ditto ↓
222.8 - 226.8	Bl. Sld Carb.	"			
agglomerate up to	50% Sld	"	637	313.3 - 318.3	40% Carb Sld. odd. 1/2" stringer
carb. chlorite	Somewhat				Bull qtz chlorite stringers cubes py.
talose especially at	lower contact.	"	638	318.3 - 323.3	Ditto ↓
226.8 - 227.9	Diorite Dike	"	640	323.3 - 329.0	Ditto ↓

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COCHENOUR WILLANS GOLD MINES LIMITED

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LATITUDE		STARTED		BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY		
as above.		7	616	219 - 222.8	30% Sld Carb frags $\frac{1}{2}$ " Bull qtz stringers.		
227.9 - 229.4. agglomerate as above fl. chlorite.		"	617	222.8 - 227.6	50% Sld Carb frags + stringers chlorite (4 also)		
229.4 - 229.9. Diorte Dike as above $\frac{1}{4}$ " Bull qtz stringers.		"	618	227.6 - 230.0	Ditto "		
229.9 - 230.6. 70% Sld Carb. agglomerate sections sl. Bx. Minor fennelinite. Monzonite alteration throughout		"	619	230.0 - 235.0	70% Sld Carb. very $\frac{1}{4}$ " Bull qtz stringers. Monzonite alteration. Minor fennelinite		
		"	620	235.0 - 240.0	Ditto "		
		"	621	240.0 - 245.0	" Ditto		
250.6 - 260.9. 60% Sld Carb. agglomerate sections. Sl. Bx. Somewhat chloritic odd 1"-2" Bull qtz stringers.		"	622	245.0 - 250.0	" Ditto.		
		"	623	250.0 - 254.0	60% Sld Carb. minor $\frac{1}{4}$ " Bull qtz stringers. Somewhat chloritic Monzonite alteration.		
260.9 - 261.9. Diorte Dike Sl. Sld Carb - stringers odd specks py			645				
261.9 - 271.1 - agglomerate as above sections fl. chlorite (somewhat 4 also)							
271.7 - 272.1 - Diorte Dike - Sl. Sld Carb. up to 1% py cubes							
272.1 - 273.2 - agglomerate as above. cubes of py throughout							

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
273.2 - 274.9	Route Dike as above contacts chloritic @ 40°-L.C.A.	T <sup>+</sup>	641	329.0 - 334.0	40% Sld Carb. 4" Bull qtz Stunges py.
274.9 - 295.0	Agglomerate as above	"	642	334.0 - 339.0	30% Sld Carb. py.
	50% Sld Carb. odd qtz Stunges	"	643	339.0 - 343.8	"Ditto"
	upto 3" sections Hl chloritic	"	644	348.8 - 350.3	50% Sld Carb. 1/4" bull qtz Stunges
	and sl. talcose + schistose odd.	"	645	350.3 - 355.3	30% Sld Carb. Stunges & frags
	Bx. Section	"	646	355.3 - 360.3	30% Sld Carb. Stunges & frags (clng qtz Stunges)
295.0 - 313.3	Talc carbonate	"	647	360.3 - 365.3	"Ditto"
	Nl. carb. frags Mod. Sld schistose with core analysis	"	648	365.3 - 370.3	40% Sld Carb. odd 1/4" qtz carb. Stunges odd chloritic stunges.
	@ 45° - L.C.A. up to 40% Carb Sld tr	"	649	370.3 - 375.3	Ditto
	cubes of py throughout	"	650	375.3 - 380.3	40% Sld Carb 10% py. near massive sulphides over 1"
313.3 (343.6)	Agglomerate 50% Sld Carb. chloritic sections none	"	651	380.3 - 385.3	"Ditto"
	sections almost talcose. the odd.	"	652	385.3 - 390.0	30% Carb Mod Sld
	3" Bull qtz Stunges				
343.6 - 349.3	Leached Long Dike. Moderately Sld Carb - stunges				
	upper contact ground. Lower contact chloritic				
349.3 - 350.1	Agglomerate as above				
350.1 - 350.8	Leached Long Dike as above				

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COCHENOUR WILLIAMS GOLD MINES LIMITED

KRL 8470

ALTITUDE 14+00 E STARTED July 3/73 BEARING Grid North D.P. HOLE NO. W-5-#7  
 DEPARTURE 0+30 N COMPLETED \_\_\_\_\_ DIP -65° LOCATION AIRPORT  
 ELEVATION \_\_\_\_\_ H.D. 391.6 V.D. 692.4 DEPTH 796.0 FILE \_\_\_\_\_

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0-42' Overburden	Trace	191	42-47	20% Sdd Carb. Hematite stain. minor py
42-54.0 - light grey to buff moderately Sdd + Carb. agglomerate	"	192	47-52	Buff frags + alteration. " Ditto "
to buff Acid Volcanic fragments. Minor py throughout buff + Manspoxite alteration	"	193	52-57	30% Sdd Carb. Hematite stain minor py Buff frags + Buff alteration. " Ditto "
54.0-55.0 - Core ground.	"	194	57-62	with Minor 3" Alb. leached like
55.0-66.2 - agglomerate as above. one section waxy with Hematite staining @ 58.3.	"	195	62-67	20% Sdd Carb. - Hematite stain minor py Buff frags + alteration
66.2-67.0 - Core ground pieces that remain have Hematite staining	"	196	67-72	" Ditto "
67.0-73.0 - agglomerate as above Manspoxite alteration minor cubes py. Slightly more chloritic + less Sdd	"	197	72-77	15% Sdd Carb. Buff alt. Minor chloritic stringers. py
73.0-74.0 - Core ground.	"	198	77-82	30% Sdd Carb. Buff frags Yellow speck + Manspoxite alteration. py
74.0-83.4 - agglomerate as above heavy manspoxite alteration	"	199	82-87	20% Sdd Carb. Minor Manspoxite Hematite stain py
83.4-101 - agglomerate as above less Sdd + more chloritic sections up to 10% py (cubes)	"	200	87-92	30% Sdd Carb. py. cubes + py throughout up to 1% py. Minor Buff frags.
101-101.6 - Ground Core	"	201	92-97	30% Sdd Carb. Buff + Manspoxite alteration Hematite stain py (cubes)
	"	202	97-102	" Ditto ↓ "
	"	203	102-107	" ↓ "

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COCHINOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D. HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
101.6-	112.9 Agglomerate as above	Trace	204	107- 111	" Dito "
	Mangosite alteration throughout, heavier	"	205	111 - 113.4	" Dito "
	alteration at bottom contact. cubes	"	216	113.4- 118.4	30% Sdd Carb. Minor Bx section py
	of py. throughout sections up to 1%.				Buff + mangosite alteration.
112.9-	113.3- altered Lamp Dike.	"	217	118.4 - 122.4	" Dito "
113.3-	122.0 agglomerate as above	"	218	124.4 - 130.0	20% Sdd Carb. Minor Mangosite alt.
	Sdd Carb + mangosite at contact				py. cubes chloritic stringers
	Contacts ground.	"	219	130.0 - 135.0	" Dito "
122.0 -	125.9 - (Lamp Dike?) speckled	"	220	135.0 - 140.0	20% Sdd Carb Minor Mangosite +
	in appearance almost porphyritic				Buff alteration 2% sulphides py
	with tiny Ca feldspar phenocrysts.	"	221	140.0 - 141.6	16% Sdd Carb. 1% py.
	in a mafic matrix (not magnetic)	"	222	146.0 - 149.0	20% Sdd Carb. Buff + Mangosite
125.9 -	132.2 agglomerate as above				alteration. Minor py.
	Buff + mangosite alteration	"	223	149.0 - 154.0	10% Sdd Carb. Buff yellow speck
132.2 -	133.0 Ground Core.				+ Mangosite alteration minor Bx.
133.0 -	140.9- Agglomerate as above				section py. throughout.
	less Sdd + less Mangosite alteration	"	224	154.0 - 156.7	10% Sdd Carb Bx. 1% py
	slightly chloritic in sections cubes	"	225	156.7 - 159	10% Sdd Carb Bx. 2% py.
	of py. throughout	"	226	159 - 164	20% Minor Bx sections Mangosite
140.9 -	146.6- (Lamp Dike?) as above.	"			+ Buff alteration.
	Speckled. Contacts gradual	"	227	164 - 169	30% Sdd Carb. Mangosite + Buff
	contacts @ 45° - L.C.A.				py alteration

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ELEVATION		STARTED COMPLETED		BEARING DIP		D.D.HOLE NO. LOCATION	
GENERAL GEOLOGY		H.D.	V.D.	DEPTH		FILE	
		OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
146.6 - 153.4 agglomerate as above.		Trace	228	169 - 175.		30% Sdd Carb. Minor Monosulfide py.	
153.4 - 153.8 Ground Core.		"	229	173 - 178.		" Ditto "	
153.8 - 159.2 - Mainly sl. Sdd Carb.		"	230	178 - 183		20% Sdd Carb. Bx in sections. py.	
Malic Volcanics (andesites) with		"	231	183 - 188.		" Ditto "	
4 sections up to 4" in length.		"	232	188 - 193		" "	
Sdd Carb Bx. with up to 2% fine sulphides mainly py with possible tellurides?		"	233	193 - 198		30% Sdd Carb. Bx in sections Buff + Monosulfide alteration py Minor tourmaline.	
159.2 - 174.0 Agglomerate as above		"	234	198 - 199.6		20% Sdd Carb 4% sulphides py.	
with sdd Carb Bx. frags with fine sulphides py. some sections up to 2% sulphides. Monosulfide alteration throughout minor buff alteration + buff fragments cubes of py.		"	235	204.9 - 208.9		10% Sdd Carb minor py.	
		"	236	208.9 - 210.7		30% Sdd Carb. Bx in sections. 1% py Buff frags Minor tourmaline.	
		.04	237	210.7 - 215.7		" Ditto "	
		Trace	238	215.7 - 220.2		" Ditto "	
		"	239	224.6 - 228.5		30% Sdd Carb. minor qty tour stunges.	
174.0 - 174.4 - Ground Core		"				Buff + Monosulfide alteration py	
174.4 - 188.6 Agglomerate as above sl. higher sdd cherty (Rx.) frags finely disseminated py. throughout.		"	240	228.5 - 232.8		" Ditto "	
188.6 - 189.8 - Core ground.							
189.8 - 198.6 - Agglomerate. H. Sdd Bx. in sections. cherty (Rx.) frags.							

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ELEVATION		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
Buffish frags minor manganese alteration.							
198.6 - 205.1 - Green M-q. sl.							
Coarse silt Quartz Dike minor py. cubes Contacts. Hl. silt with minor py. Mineralization Contacts @ 20° - L.C.A.							
205.1 - 219.9. Hl silt at contact leached. + fractured. Hl. silt coarse agglomerate as above.							
219.9 - 225.9. Hl. leached + altered. silt in fractured areas. qtz + tourmaline in fractures minor cubes py throughout.							
225.9 - 232.5 - Agglomerate as above. highly silt at upper contact with 1/4" Bull qtz stringer minor py cubes throughout.							
232.5 - 234.7 - Quartz Dike as above.							
234.7 - 235 - Agglomerate as above							
235 - 235.4 - Ground Core							
235.4 - 235.9 - Agglomerate as above							
235.9 - 238.1 - Leached Lamp Dike							

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ELEVATION		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.		V.D.		DEPTH	
GENERAL GEOLOGY		OUNCES		NO.		FOOTAGE	
						ECONOMIC GEOLOGY	
with 1/2" Bull quartz Stingers		Trace		313		232.8 - 236.8	
py cubes throughout up to 2% py. considerable M.R.O.? contacts @		"		314		236.8 - 240.0	
550 - L.C.A.		"		315		240.0 - 245.0	
238.1 - 245.6. Sld Carb. agglomerate							
2" Bull or. Stinger at upper contact		"		316		245.0 - 250.0	
Minor 2" Bull quartz Stingers						30% Sld Carb. 2% py 1% po Speck cr	
throughout. Minor sections Hl Carb. + Mod Sld with Biotic		.04		317		250. - 255.0	
+ chloritic stingers (Sl. valrose)		Tr		318		255.0 - 260.0	
cubes of py throughout Sections up to 2-4% Sulphides py. po							
+ odd specks cpy. Minor PX. sections				319		260. - 265.0	
265.6 - 265.9. Ground Core		"		320		265. - 270.0	
265.9 - 271.8. Agglomerate as above		"		321		270. - 275.0	
Very Hl. Sld & Carb. for 1 1/2 ft at bottom contact.		"		322		275.0 - 280.	
271.8 - 271.9. Fault Zone.							
271.9 - 300.0. Agglomerate as above		"		323		280. - 285.	
with Bull lags!							
300.00 - 310.03 - Ductile sl. Sld Carb. minor qtz Stingers. py throughout		"		324		285 - 290.	
						Stingers in sections. Minor py	

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ATTITUDE		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
upto 2% in sections.		Tr	325	290 - 295		20% Sdd Carb. minor buff frag.	
310.8 - 313.6	Gore around.					2% py minor qty stungers	
313.6 - 339.7	Agglomerate as above	"	326	295 - 300		" Otto "	
with matrix somewhat mafic		"	327	300 - 305		10% Sdd Carb. 4% py minor po.	
increasing in replacement with		.04	328	305 - 310.0		" Otto "	
depth. by throughout with		"	329	310 - 314.0		" ↓ "	
minor specks esp odd section		"	330	314 - 319.0		10% Sdd Carb. 2% py. minor	
Hl. siliceous with minor 1/2" qty						qty stungers. upto 1% py. minor	
stungers. minor buff fragments.						Buff frags.	
throughout		"	331	319 - 324		" Otto "	
339.7 - 335.4	Hl. Sdd Agglomerate	"	332	324 - 329		" "	
upto 70% Sdd nod. Carb.		"	333	329 - 334		20% Sdd Carb. buff frags + alteration	
353.4 - 359.8	40% Sdd Carb. agglomerate					2" Bull qty stungers with tourmaline.	
Buff lens minor tourmaline sl Bx						1% py	
in sections minor manganese		"	334	334 - 338.		30% Sdd Carb. Buff frags tiny	
odd tiny buff quartz stungers						Bull qty stungers throughout 4%	
359.8 - 360.8	Gore around.					sulphides mainly py. minor po	
360.8 - 370.1	Agglomerate as above					2-2" buff qty + tourmaline stungers.	
Hl. Sdd towards Bottom contact.		"	335	338 - 340.		40% Sdd Carb. Buff frags. tour.	
minor Manganese alteration over						+ py.	
1 foot at contact + albite stungers		"	336	340 - 342.5.		70% Sdd Carb. Buff frags py	
370.1 - 374.6	Leached Long Pike?	"	337	342.5 - 345.2		" Otto "	

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ELEVATION		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
	speckled in appearance at contacts @ 45° minor	Tt.	338.	345.2 - 347.5		40% Sld Carb.	Buff frags. tourmaline
	finely Dis. py throughout. Mod Carb Sld (stungers)	"	339.	347.5 - 352.5		" Ditto	"
	374.6 - 378.1 Hl Sld + altered agglomerate as above	"	340.	352.5 - 357.5		"	"
	378.1 - 380.3 - Leached Lamps Dike as above	"	341	357.5 - 361.0		40% Sld Carb Buff frags	Minor tour + py
	380.3 - 394.7 Agglomerate as above. Hl Sld + Carb. towards bottom contact	"	342	361.0 - 366.0		60% Sld Carb. Buff frags	tourmaline + ch. stungers. minor Bx. section.
	394.7 - 399.7 - Leached Lamps Dike as above speckled + mottled at upper contact @ 70° - L.C.A.	"	343	366.0 - 370.5		70% Sld carb Buff frags. ch + tour. stungers. Mayonite alt minor py.	"
	Minor py throughout. Mod. Sld Carb (stungers)	"	344	373.6 - 378.6		" Ditto	"
	399.7 - 422.0 Agglomerate as above py. throughout Buff frags, pebbles with sl. more matrix. Matrix + chloritic stungers.	"	345	378.6 - 383.6		40% Sld Carb Buff frags	minor py
	402.5 - Fault Zone @ 45° - L.C.A.	"	346	383.6 - 386.0		" Ditto	"
	422.0 - 422.2 Core ground.	"	347	386.0 - 391.0		"	"
		"	348.	391.0 - 396.0		"	"
		"	349	398.6 - 401.0		"	"
		"	349	401.0 - 406.0		30% Sld Carb. Buff frags	py
		"	350	406.0 - 411.0		40% Sld Carb. Buff frags	py
		"	351	411.0 - 416.0		" Ditto	"
		"	352	416.0 - 420.0		" Ditto + chloritic stungers	"
		"	353	420.0 - 424.0		40% Sld Carb. Buff frags + alt	minor yellow speck alt. py.
		"	354	424.0 - 429.0		" Ditto	"

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ELEVATION		STARTED		BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
422.0 - 497.3	Agglomerate as above. alternating sections Hl. Sdd sl. bluish in color due to silicification (Pebbles etc) and more matrix sections with chlorite matrix & stringers. (Sl. greenish in color)	Tr	356	429 - 434		30% Sdd Carb. minor buff frags + alt	"
		"	357	434 - 439		" Ditto	"
		"	358	439 - 444		50% Sdd Carb Buff frags + alt minor qtz stringers. Dec. py	"
		"	359	444 - 449		" Ditto	"
		"	360	449 - 454		30% Sdd Carb Buff frags + alt minor chlorite stringers.	"
497.3 - 501	Lamp Dike blackish mottled py cubes throughout contacts @ 60° - L.C.A.	"	361	454 - 459		" Ditto	"
		"	362	459 - 464		"	"
501 - 542.7	agglomerate as above sections Hl. Sdd upto 80% Sdd. with tourmaline minor Buff frags.	"	363	464 - 469		40% Sdd Carb Buff frags. 1% py minor chloritic stringers.	"
		"	364	469 - 474		50% Sdd Carb Buff frags 2% py 2-2" Bull qtz stringers minor chloritic stringers + sections.	"
542.7 - 544.4	Talc Carb. Hl. sdd cold upto 50% Biotite + chlorite stringers. py cubes (resembles agglom.)	"	365	474 - 479.0		50% Sdd Carb Buff frags. 2% py minor chloritic sections	"
544.4 - 544.9	agglomerate as above.	"	366	479 - 483		30% Sdd Carb Buff frags 1% py chloritic sections throughout	"
544.9 - 550.1	Mainly Talc Carb. with one 4" inclusion Hl. Sdd Bx. section.	"	367	483 - 488		" Ditto.	"
		"	368	488 - 493		50% Sdd Carb. Buff frags py	"
550.1 - 550.8	Hl Sdd Carb Agglom somewhat Bx. Buff frags.	"	369	493 - 498		minor chloritic sections	"
		"				" Ditto	"

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ATTITUDE		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
550.8 - 553.7. Tale Cor as above.		Tr.	370	501 - 506.		50% Sld Carb. Buff frags chloritic	
Hl. Carb + sld minor Buff frags resembles Agglom		"	371	506 - 511		Stungers. py.	
553.7 - 559.9 - 70% Sld Carb.		"	372	511 - 516		" Ditto "	
Agglomerate. Buff frags 2% py		"	373	516 - 521		70% Sld Carb. Buff frags qtz + fcn.	
559.9 - 579.3. Agglomerate. sections Rutile + chlorite rich (talcose) other		"	374	521 - 526		Stungers. py.	
Sections Hl sld. up to 100% Buff		"	375	526 - 531		80% Sld Carb Buff frags sections	
lean throughout py. throughout		"				nearly pure qtz with tourmaline.	
Sections up to 2% py		"	396	531 - 536		70% Sld Carb Buff frags fcn. py.	
579.3 - 584.3 Hl. Sld Agglomerate		"	397	536 - 541		" Ditto "	
80% Sld Carb. sections nearly.		"	398	541 - 546		50% Sld Carb Buff frags sections	
Buff frags tourmaline minor py		"				talcose Rutile + chloritic rich. 2% py.	
584.3 - Fault Zone @ 15° L.C.A.		"	399	546 - 551		40% Sld Carb Buff frags talc	
584.3 - 610.9 Agglomerate 30% Sld		"				py	
Carb. Minor sections up to 100%		"	400	551 - 556		" Ditto. Schistose in sections "	
Sld with 1 section 4" Bull qtz		"				with core angles @ 35° - L.C.A.	
@ 595.5. py throughout. Sections		"	401	556 - 561		60% Sld Carb Buff frags minor	
Boutite + Hl. Carb (talcose)		"				fcn. py.	
610.9 - 612.7. Dike. mottled Blackish.		"	402	561 - 565		30% Sld Carb. Buff frags Boutite minor	
py. throughout. up to 4% py at		"				1/2" Bull quartz Stungers 1% py.	
contacts (Jony Dike?)		"	403	565 - 570		" Ditto "	

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COCHENOUR WILLANS GOLD MINES LIMITED

LATITUDE		STARTED		BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
612.1 - 613.7 - 80% Sld Carb. agglom		Tr.	404	570 - 575		40% Sld Carb. Buff frags Rutile 1% py	
Buff frags.		"	405	575 - 579		" Ditto "	
613.7 - 616.0 - Pomp Dike? as above		.06	406	579 - 583		80% Sld Mod Carb Buff frags + volume	
616.0 - 618.8 - 60% Sld Mod. Carb.						py	
agglomerate Buff frags + minor		Tr.	407	583 - 586		" Ditto (Fault Zone) "	
qtz stringers. Sections Rutile		"	408	586 - 591		30% Sld Carb. Buff frags py	
618.8 - 630.7 - Tale Carb Hl. talcose		"	409	591 - 596		40% Sld Carb Buff frags 2% py	
30% Carb. Sl. sld. cubes of py						4" Bull quartz stringers	
throughout (resembles agglom)		.16	410	596 - 601		40% Sld Carb. Buff frags py	
630.7 - 634.6 - Leached Pomp Dike?						Minor Bull qtz inclusions	
contacts very chloritic Mod. Sld Carb. Tr			411	601 - 605		50% Sld Carb. Buff frags. minor	
with qtz carb stringers.						foamline 1% py minor qtz stringers	
634.6 - 638.7 - Tale Carb. as above.		"	412	605 - 610		" Ditto "	
638.7 - 638.9 - Pomp Dike as above.		"	413	610 - 611.7		30% Sld Carb. Buff frags. 2% py	
638.9 - 643.6 - Tale Carb as above.		"	414	611.7 - 615		70% Sld Carb. Buff frags. 2% py.	
643.6 (450.5) Pomp Dike? as above		"	415	615.3 - 620		40% Sld Carb. Buff frags. qtz stringers	
Sl. Sld Carb.						py.	
650.5 - 651.2 - Tale carb. very		"	416	620 - 625		30% Carb. Mod. Sld. Minor 1/2"	
chloritic.						qtz Carb stringer 1% py	
651.2 - 653.7 - Pomp Dike? as above.		"	417	625 - 630.0		" Ditto "	
leached + sl. carb.							
653.7 - 796.0 Tale Carbonate.		"	418	630.0 - 632.5		20% Carb. Mod Sld 2% py 2"	
						qtz carb. stringer in Dike	

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ATTITUDE	STARTED	BEARING		D.D. HOLE NO.
DEPARTURE	COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH	FILE
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
Moderately Sld carb py cubes throughout sections massive	Tr.	419.	632.5 - 637.5.	30% Carb. Mod Sld. Buff alt. 2 ft. Dike material included. py.
Other sections schistose with low angles @ 25° - L.C.A.	.09	420.	637.5 - 642.5.	30% Carb. Mod Sld. Buff frags py
up to 30% Sld Carb in minor sections odd inclusions H& Sld	.04	421.	642.5 - 644.5.	30% Carb Mod Sld. Buff frags 2% py.
Carb up to 60%	Tr.	422.	650.8 - 653.0	10% Carb. Sl. Sld. Chlorite contacts contacts @ 40° - L.C.A.
	'	423	653. - 657.	20% Carb Mod Sld. (agglom appearance) py
	'	424	657 - 659	"Ditto."
End of Hole.	'	425.	659 - 664	20% Carb Mod Sld py
	'	426	664 - 669.	"Ditto"
	'	427	669 - 674	" "
	'	428	674 - 679.	30% Carb. Mod Sld py
	'	429	679 - 684	10% Carb Mod. Sld py.
	'	430	684 - 689	15% Carb Mod. Sld py
	'	431	689 - 694	20% Carb Mod Sld py 3" H. Sld Carb. sections
	'	432	694 - 699.	10% Carb Mod Sld py.
	"	433	699 - 704	"Ditto"
	'	434	704 - 709	" "
	'	435	709 - 714	15% Carb. Mod. Sld py.
	'	436	714 - 719	"Ditto"

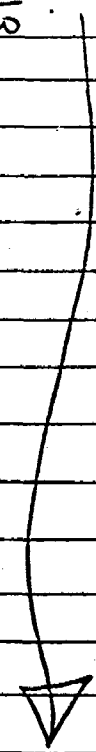
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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
		Tr	437.	719 -	724	15% Carb	Mod. Sil. py
		"	438	724 -	729	" Otto	"
		"	439	729 -	734	"	"
		"	440	734 -	739		
		"	441	739 -	744		
		"	442	744 -	749		
		"	443	749 -	752		
		"	444	752 -	757		
		"	445	757 -	762		
		"	446	762 -	767		
		"	447	767 -	772		
		"	448	772 -	777		
		"	449	777 -	782		
		"	450	782 -	787		
		"	451	787 -	792		
		"	452	792 -	796		



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COCHENOUR WILLIAMS GOLD MINES LIMITED

Core - Ax. KRL  
8470

AATITUDE 15700 E

STARTED July 15/73

BEARING Grid North

D.D.HOLE NO. W-5-#8

DEPARTURE 2+25N

COMPLETED July 19/73

DIP -70°

LOCATION AIRPORT.

ELEVATION

H.D. 213.6 V.D. 445.1

DEPTH 494.0

FILE

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0-60- Coaling	TRACE	710	65.9 - 67.8	70% Sld Calcd. 1" Bull qt. Stungers
60-66- Leached Lamp Dike mottled w appearance Sl. Calcd. Stungers	"	711	67.8 - 72.8	50% Sld Calcd minor py Monzonite Buff frags.
66-67.9- 70% Sld Calcd agglomerate Monzonite alteration. Bull lens	"	712	72.8 - 77.8	"Ditto"
Slightly Sericitized 1" Bull qt. Stunger at contact. py throughout	"	713	77.8 - 82.8	↓ (Red stain)
82.8-87.8	"	714	82.8 - 87.8	
67.9-71.5 50% Sld Calcd agglomerate odd section Bx. included (Buff frags py Monzonite)	"	715	87.8 - 92.8	70% Sld Calcd minor Small qt. Stungers Buff alteration Monzonite finely Dis. py ↓ possible odd speck Aspy.
71.5-73.3 Core ground	"			
73.3-76.8- Agglomerate as above	"	716	92.8 - 97.8	"Ditto"
76.8-79.1 Core ground (Hematite stain)	"	717	97.8 - 102.8	
79.1-82.0- Agglomerate.	"	718	102.8 - 107.8	
82.0-83.0 Core ground	TRACE	719	107.8 - 112.8	
83.0-92.5- 60% Sld Calcd (agglom.)	"	720	112.8 - 117.8	
Buff frags red stain, minor Monzonite.	"	721	117.8 - 122.8	
odd small section Bx. included.	"	722	122.8 - 125.8	
Specks py throughout.				
92.5-109.7 70% Sld Calcd Bx.				
odd section agglomerate included.				
Monzonite alteration Blue quartz.				
edges of py throughout. possible fine				

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COCHENOUR WILLANS GOLD MINES LIMITED

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ATTITUDE		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
Aspects	Aspy Buffish alteration.	TRACE	723	125.8 - 130.8	50% Ssd Carb. py. Biotite stringers Buff color
109.7 - 111.2	Core ground.	"	724	130.8 - 135.8	Ditto
111.2 - 112.7	Bx as above.	"	725	135.8 - 140.8	
112.7 - 115.6	Core ground.	"	726	140.8 - 145.8	
115.6 - 125.9	Bx as above.	"	727	145.8 - 150.8	
125.9 - 138.4	60% Ssd Carb. Bx	"	728	150.8 - 155.8	
Chlorite stringers. num py. Odd		"	729	155.8 - 160.8	
Section appears agglomerate.		"	731A	160.8 - 165.8	
138.4 - 139.2	Core ground	"	735B	165.8 - 170.0	
139.2 - 140.6	Ssd Carb Bx as above				
140.6 - 143.6	Core ground.				
143.6 - 151.2	Ssd Carb Bx as (Buff colored) above. Hl. Biotite + chlorite almost talcose. contacts chlorite				
151.2 - 151.8	70% Ssd Carbonate num qtz stringers.				
151.8 - 155.6	40% Ssd Carb. talc carbonate Hl. Biotite (resemble an agglomerate)				
155.6 - 156.0	70% Ssd Carbonate as above - contacts chlorite				
156.0 - 157	Talc Carbonate as above.				

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COCHENCOOP WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D. HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
157 - 159.6	Core ground.	TRACE	730	170.8 - 175.8	30% Sld Cald odd section somewhat
159.6 - 171.4	Talc Carbonate as above				11% Sld Cald + Sl. Px. Py. throughout upto 2%
171.4 - 174.0	Core ground.	"	731 B	175.8 - 180.8	Other
174.0 - 178	Talc carbonate as above	"	732	180.8 - 185.5	
178.0 - 179	Core ground	"	733	185.8 - 190.8	
179 - 194	Talc Carbonate as above	"	734	190.8 - 195.8	
Sections	Sl. Higher Sld Cald	"	735 A	195.8 - 200.8	
	py cubes + Bmear throughout	"	736	200.8 - 205.8	
194 - 195.5	Core ground.	"	737	205.8 - 210.8	
195.5 - 202.2	Talc carbonate as above.	"	738	210.8 - 215.8	
202.2 - 204	Core ground	"	740	215.8 - 220.8	
204 - 216.4	Talc Carbonate as above	"	741	225.8 - 230.8	▽
	Sl. Higher % Sld Cald				
216.4 - 217.8	70% Sld Cald Carbonate.				
	1% py at contacts				
217.8 - 276.1	Talc carbonate as above less Sld Cald. in				
	many sections argillaceous top.				
	alteration some sections up to				
	40% Sld Cald. with Biotite				
	+ chlorite stringers py. cubes				
	throughout				

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COCHINCOOR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED		BEARING		D.B. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.B.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
276.1 - 280.8	70% Sld Carb Bx fine gr. stringers - 1-4" Bull ol. stringers	TRACE	810	231-	236.0	30% Carb Sl. sld	minor py agglomerate alterations
280.8 - 296.7	Talc Carb as above with odd section up to 50% Sld Carb with Biotite + chlorite stringers	"	820	236.0 -	241.0	Ditto	↓
		"	821	241.0 -	246.0		
		"	822	246.0 -	251.0	40% Carb mod. Sld py cubes upto 2%	
		"	823	251.0 -	256.0	Biotite + chlorite stringers	
		"	824	256.0 -	261.0	Ditto	↓
296.7 - 296.9	70% Sld Carb Bx Fault zone. Hl. chlorite on Bath contacts	"	825	261.0 -	266.0		
		"	826	266.0 -	271.0		
		"	827	271.0 -	276.0		↓
296.9 - 299.0	Talc Carbonate as above	"	828	276.0 -	281.0	70% Sld Carb. 4" Bull gr. stringers	
						2% py. Buff alteration minor chlorite + Biotite stringers.	
299.0 - 299.4	Dark grey M.g. Quartz Dike. Sl. sld carb stringers finely Diss. py. throughout	"	829	281.0 -	286.0	40% Carb mod. Sld py cubes throughout	
		"	830	286.0 -	291	Biotite + chlorite stringers.	
299.4 - 315.7	Talc Carb as above	"	831	291 -	296'	Ditto	↓
315.7 - 316.6	M.g. Quartz Dike	"	832	296 -	301		
	Dark grey contacts Hl. chlorite	"	833	301 -	306		
316.6 - 321.6	60% Sld Carb agglomerate Buff frag. chlorite + Biotite stringers	"	834	306 -	309	40% Carb mod. Sld py. Minor Bx section	
						Buff alteration on chlorite + Biotite stringers	

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COCHINRAIR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED		HEADING		D.B. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
Disseminated py throughout minor		Tr	835	309. - 312.		30% Carb. Sl. sld. agglom. alteration	
line Bull qty Stungers						py.	
321.6 - 322.1 - 40% Carb mod. sld		"	836	- 312 - 316.3		Ditto	
Talc carbonate.		"	837	316.3 - 321.3		60% Sld Carb. Sl. Bx. in section.	
322.1 - 324.5. 70% Sld Carb Bx						2% py. Biotite + chlorite stungers	
Minor chlorite stungers few		"	838	321.3 - 324.9		70% Sld Carb chlorite + Biotite stungers	
Minor $\frac{1}{2}$ Bull qty Stungers.						Minor Bull qty Stungers py	
324.5 - 342.7 - 30% Carb Sl. sld.		"	861	324.9 - 327.8		30% Carb Sl. sld Hl. chlorite	
Talc carbonate. Hl. chlorite minor						Agglomerate alteration. Stungers + Biotite talc	
Stungers + blb of talc.		"	839	327.8 - 332.8		Ditto	
342.7 - 344.8. - 70% Sld Carb Bx.		"	840	332.8 - 337.4			
Minor Biotite Stungers few tiny		"	841	337.8 - 342.6			
qty Stungers 2 - $\frac{1}{2}$ " Bull qty Stungers		"	842	342.6 - 344.9		70% Sld Carb. Biotite Stungers minor	
344.8 - (382.0) 30% Carb. Mod.						Bull qty. inclusions py Buff alt.	
Sld talc carbonate. agglomerate type		"	843	344.9 - 349.9		30% Carb. Sl. sld. agglomerate alt py	
alteration. odd minor cube of py.		"	844	349.9 - 354.9		Ditto	
Odd section up to 40% Carb sld.		"	862	354.9 - 360		30% Carb mod. sld (agglom alt) blb of talc Hl. chlorite py	
Stungers + blb of talc throughout.		"	863	360 - 365		Ditto	
Core ground at. 350. 37.5		"	864	365 - 370			
		"	865	370 - 375			
		"	866	375 - 380			
382.0 - 385. Core ground.		"	867	380 - 385			

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ATTITUDE		STARTED		BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.P.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC	GEOLOGY	
385. - 406.2	W. of Volcanics (concreted)	Tr	868	385 - 390	30% Ssd Carb	agglomerate	20% py.
	visibly Ssd carb sections up					finely disseminated	
	to 30% Ssd Carb. sections of	"	869	390 - 395	"Ditto"		
	near massive sulphides py. as at	"	870	395 - 400			
389.3		"	871	400 - 405			
391.3		"	872	405 - 407.1	40% Ssd carb	10% py.	
	Changes of py throughout sections	Tr	873	407.1 - 410	Ditto	plus 1/2" Bull at S	
	appear (agglomerate alteration)	"	874	410 - 415	20% Ssd Carb.	py throughout less than 1%	
	1/2" Ssd carb over last 2 feet	"	875	415 - 420	Ditto		
	before contact up to 40% Ssd Carb	"	876	420 - 425			
406.2 - 408.4	Dark grey speckled.	"	877	425 - 430	20% Ssd carb.	(Agglom alt) near Buff alt.	py
	Pump Pike mod. Ssd carb.	"	878	430 - 435	Ditto		
	with 1/2" Bull qty stringer at	"	879	435 - 440			
	bottom contact.	"	880	440 - 445			
408.4 - 464.3	Light green Mod.	"	881	445 - 450			
	Ssd + carb. agglomerate. Minor	"	882	450 - 455			
	Bull string. sections up to 30%	"	883	455 - 460			
	Ssd Carb. Disseminated py throughout	"	884	460 - 464	40% Ssd Carb	1/2 chloritic	py cubes
	Core ground. 417. + 417.5 + 460.5 - 461.0	"	885	464 - 469	Ditto		
464.3 - 482.2	Hl carb + Ssd take	"	886	469 - 474			
	carbonate 60% Ssd Carb in sections	"	887	474 - 479			
	Hl chloritic with chloritic stringer.	"	888	479 - 482			

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COCHINOUR WILLIAMS GOLD MINES LIMITED

ASSTURE		STARTED	BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
Both contacts 1/2. Sided corals up to 70% over 1 foot.		Tr	889	432-	487	30% Calcd. Sl. sided py. cubes. agglomerate
487.2 - 488.12 agglomerate as above up to 40% Sided corals 1/2. Sided. surrounding a tab.		"	890	489-	492.	Dits
488.1 - 495. tabe carbonate 30% Calcd. Sl. Sided agglomerate alteration 1/2. Sided		"	891	492-	495.	∇
495. End of Hole						

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COCHENOUR WILLIAMS GOLD MINES LIMITED

KRL 8470

BATITUDE 16+25E STARTED \_\_\_\_\_ BEARING Grid North D.D.HOLE NO. SW-73-90  
 DEPARTURE 1+75N COMPLETED \_\_\_\_\_ DIP 68° LOCATION \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ H.D. 1288 V.D. 2727 DEPTH 302.0 FILE \_\_\_\_\_

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0.0 - 50.0 <u>Casing</u>	7r	675	51.0 55.0	60-70% S-C - 3% py
	"	676	58.7	50-60% S-C 3% py
50.0 - 51.0 <u>Lower Dike</u>				
<u>medium gr. medium sized material</u>				
51.0 - 53.7 <u>Silt Carb.</u>				
<u>60% silt carb. s - 10% quartz</u>				
<u>fluvial 30% white sand silt</u>				
<u>&amp; irregular shaly 3% py</u>				
53.7 - 58.2 <u>Tale - Carb</u>				
<u>40% tale s - 10% carb</u>				
<u>irregular light greenish blue 3%</u>				
58.2 - 58.7 <u>Silt - Carb</u>				
<u>51.0 - 53.7</u>				
58.7 - 59.0 <u>Diorite Dike</u>				
<u>dark grey fine grained well</u>				
<u>crystalline</u>				

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COCHENOUR WILLANS GOLD MINES LIMITED

ELEVATION		H.D.	V.D.	DEPTH		FILE
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
59.0 - 61.0 - Lamp Dk						
Lamp Dk, medium grained matrix, granitic, 1% biotite pyrite						
61.0 - 61.4 - Lamp Dk						
Lamp Dk, biotite matrix appears to cut Lamp						
61.4 - 62.0 - Lamp Dk						
as 59.0 - 61.0						
62.0 - 63.1 - Tale - Carb						
as 53.7 - 58.2						
63.1 - 65.3 - Sild Carb						
as 51.0 - 53.7, 10% matrix fracture						
65.3 - 67.2 - Lamp Dk						
as 59.0 - 61.0						

D.D. HOLE NO. S-W-73 -

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION	H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
67.2 - 69.0 - Silt Carb.	71	677	62.0	65.3	S-C - T-C - 3% py	
as before 5-10% quartz shingles	"	678	67.2	69.0	S-C - 5-8% qtz 3% py	
		679	69.0	73.6	T-C - S-C	
69.0 - 72.5 - Carb. - Tale.	"	680	76.1	80.0	C-T. 3% py	
60% - 70% carb, 30% hemat	"	681	80.0	84.1	C-T. - S-cl - 3% py	
1-3% py						
72.5 - 73.4 - Silt Carb.						
as before						
73.4 - 76.1 - Lamp Dk						
medium to dark grey, med. grain,						
massive sand for vein fracturing,						
moderately bedded						
76.1 - 84.1 - Silt Carb zone						
60% carb, 20% silt -						
20% talcose lens						
1-3% py						
81.2 - 82.1 Dio Dk						

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COCHENOUR WILLIAMS GOLD MINES LIMITED

D.D.HOLE NO. SW-73-

ELEVATION		STARTED	BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
84.1 - 85.0	Dio Dk dark grey, fine grained massive	Tr	682	77.3	102.0	60-70% Calc, 10% silt, 1-3% py
		"	683		107.0	" " " " " "
		"	684		111.7	45-55% " 5% silt, " " " "
85.0 - 97.3	Lamp Dk medium brown med coarse mottled 5-8% quartz, fuchite 1% py crystals	"	685		116.6	" " " " " "
		"	686		121.5	" " " " " "
		"	687		126.2	60% " 15% " " " "
		"	688		131.0	" " " " " "
		"	689		135.8	" " " " " "
97.3 - 154.4	Hly Carb'd Latex 50-60% carbonate, 20% silt, 30% chert & talcose lava, 1-3% po py	"	690		141.6	50% " 10% " " " "
		"	691		145.0	80 " 5% " " " "
		"	692		145.6	" " " " " " asfy.
		"	693		150.5	" " " " " "
154.6	strings of limonite	"	694		154.4	" " " " " "
		"	695		157.4	13% py Bx
154.4 - 157.4	Bull Silt Breccia 60% bull silt breccia 30% silt carb. 1% chert lava, 1-3% py					
157.4 - 159.9	Dio Dk med. grey, fine grained highly brecciated					

PLOTTED \_\_\_\_\_

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COCHENOUR WILLANS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH	FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY	
159.7 - 176.5		Tr.	696	159.9 - 163.7	90% Calc. Taken.	
50% Sd/Ca silts & shales		"	697	168.8	" "	
35% chert for shales		"	698	170.1	" "	
15% but silts & shales		"	699	173.2	Anchored	
2-3% "		"	700	176.4	" "	
		"	701	179.4	Long Dike	
176.4 - 179.7 - Long Dike		"	702	182.9	Anchored	
hly leached, light grey		"	703	186.8	" "	
		"	704	192.7	" "	
179.7 - 206.1 Anchored		"	705	197.1	" "	
no. 159.9 - 176.5		"	706	202.8	" "	
		"	707	206.1	" "	
206.1 - 247.6 Sd - Carb.		"	708	207.8	60-90% S-C	
60-70% silts carb. 20%-30%		"	709	216.6	" "	
chert & bitules L., 1-3%		"	710	221.6	" "	
py mine for		"	711	226.6	" "	
		"	712	231.6	" "	
247.6 - 248.1 - Long Dike		"	713	234.2	" "	
medium grey, medium grained		"	714	238.7	" "	
hly leached		"	715	243.5	" "	
		"	716	247.0	" "	
		"	717	251.7	" "	

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COCHENOUR WILLANS GOLD MINES LIMITED

LATITUDE	STARTED	BEARING	D.D.HOLE NO. SW-73-		
DEPARTURE	COMPLETED	DIP	LOCATION		
ELEVATION	H.D.	V.D.	DEPTH	FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
242.1 - 256.6	Flk. Silt - shaly	Tr	718	251.7 256.7	H by S-C - channel vein agal. less
60-70	Silt calc. 20	"	719	261.7	70' - S-C.
60-70	Silt breccia, 2-3% sp.	.04	720	266.0	↓
60-70	"	Tr	721	270.8	
		"	722	272.7	
256.6 - 272.7	- Silt carb.	"	723	274.3	
60-80	Silt carb. 20-30% calc.	"	724	280.2	
60-80	Silt atq. shaly	"	725	285.2	↓
		"	726	290.0	
272.7 - 274.3	- Bull Silt Breccia	"	727	291.5	
60-80	buff silt breccia	"	728	293.5	↓
70-80	silt carb 3% sp.	.04	729	298.5	
		Tr	730	298.5 302	
274.3 - 291.5	- Silt carb				
at 256.6 - 272.7	Uly chkd. breccia				
291.5 - 302.0	Uly Silt Bull Breccia, 80% silt breccia				
	20% silt carb				
2.0	Foot of hole				

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE 17°00'E      STARTED      BEARING Grid North      S.D. HOLD NO. W-S- #11 KRL 847D  
 DEPARTURE 1+75 N      COMPLETED      DIP -55°      LOCATION SOUTH SIDE AIRPORT  
 ELEVATION      H.D. 451.8      V.D. 473.9      DEPTH 656'      FILE

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0-54 Casing Boulders + gravel	Tr	130	54-57	20% Ssd Cabed py.
54-55.6 Hl. altered Mod. Cabed.	"	131	57-60.7	60% Ssd Cabed Buffalt. 2% Diss. py.
Quartz Dike (Cabed stringers)	"	132	60.7-65.2	20% Ssd Cabed py.
55.6-62.7 - Agglomerate Hl. Ssd	"	133	65.2-68.3	60% Ssd Cabed chloritic stringers py.
Cabed sections up to 60% Ssd	"	134	68.3-73.6	20% Ssd Cabed 2-4% py. silicified alteration
Cabed Buff frags. minor py cubes	"	135	73.6-78.6	60% Ssd Cabed Buffalt. 4% py.
throughout!	"	136	78.6-84	40% Ssd Cabed Buffalt. py.
62.7-65.5 Mod. Cabed Ssd stringers	.04	137	84-89	40% Ssd Cabed Buffalt. 10% py.
minor py. leached mottled	"	138	89-94	40% Ssd Cabed Buffalt. minor chloritic stringers 2% py.
Sony's Dike	"	139	94-99	
65.5-67.7 - 60% Ssd Cabed	.04	140	99-104	↓
agglomerate chloritic stringers.	.04	141	104-107.6	↓
67.7-68 Sony's Dike as above	Tr	142	107.6-110.7	↓
68-73.6 - Moderately ssd Quartz	"	143	110.7-115.7	70% Ssd Cabed. Buff frags. very much qty stringers finely Diss. py. up to 2% in sections
light grey minor py				
73.6-75.8 70% Ssd Cabed				
75.8-110.8 Light-dark grey	.04	144	115.7-120.7	Dats ↓
greenish in minor sections Agglomerate	Tr	145	120.7-125.7	↓
sections up to 60% ssd mod.	"	146	125.7-127.7	↓
cabed minor sections up to 10%	"	151	127.7-128.5	70% Ssd Cabed chloritic + Beattie stringers
subhides py Buff alteration minor				2% Diss. py.
chloritic stringers	"	147	128.5-133.5	50% Cabed chloritic + Beattie stringers talc

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CORPORATE WILLIAMS GOLD MINES LIMITED

ATTITUDE		STARTED	BEARING		D.D. HOLE NO.
DEPARTURE		COMPLETED	DEP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
110.8 - 127.7	70% Sld Carb.				Stungers - minor cubes of py.
	agglomerate light grey to buffish	.50	148	133.5 - 137.2	Ditto
	minor buff hard flinty bluish str.	.26	149	137.2 - 139.0	30% Sld Carb Bx Dias py
	Stungers. 1/2 Sections sl. Bx. Sections	"	150	139.0 - 144.0	20% Sld Carb stungers - py cubes (tiny)
	up to 8% py.				
127.7 - 128.5	70% Sld Carb Bx				
	chloritic + Baritic Stungers 2%				
	finely Dias py.				
	127.7 - fault zone				
128.5 - 137.3	50% Carb mod. Sld				
	talc Carbonate agglomerate type				
	alteration Baritic + chloritic Stungers				
	odd Stungers + Bld of talc				
137.3 - 137.7	60% Sld Carb agglomerate				
	Buff hard chloritic matrix				
137.7 - 138.2	Lamp Dike sl. leached				
	contacts Hl. Sld Carb - minor Dias				
	py throughout				
138.2 - 138.4	70% Sld Carb Bx				
	chloritic stungers				
138.4 - 135.4	Leached Lamp Dike				

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196.4

COCHINOUR WILLIAMS GOLD MINES LIMITED

AMITUDE	STARTED	BEARING		D.I. HOLE NO.	
DEPARTURE	COMPLETED	DIP		LOCATION	
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
Light grey to buffish mod. Silt Carb. Unconformity Stunges	Tr	152	185.3 - 188.2		40% silt carb. Buff frags 2% py chloritic matrix
Thin Disconformity throughout odd section up to 2% py	"	153	193.1 - 195.1		50% silt carb. Buff frags yellow speck alt. finely dis. py mod. tiny qty stunges
Five foot discrepancy between core & logs between (136.4 + 185.4) actual measurement should be (190.4 not 185.4)	"	154	197.2 - 198.5		50% Silt Carb. Buff & yellow speck alt. Buff frags Sl. Bx in section 2% Dis py
(185.4 - 187.3) - agglomerate	"	155	211.0 212.9		50% Silt Carb. chloritic stunges (moder) Mod. py
Silt Carb. chloritic matrix Buffish	"	156	215.8 - 220.8		50% Silt Carb. chloritic matrix cubes py
Thin Disconformity	"	157	220.8 - 224.0		Detto
187.3 - 193.2 Long Dike as above with odd very minor inclusions agglomerate					
193.2 - 195.2 - Agglomerate as above Sl. Higher % Silt Carb. Buff frags yellow speck alteration					
195.2 - 197.2 - Long Dike as above Mod. Silt Carb. Stunges					
197.2 - 198.3 - Agglom as above minor chloritic stunges					
198.3 - 211.3 - Long Dike as above					

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COCHINOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY			OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY	
211.3 - 212.5. Agglomerate as above							
40% Ssd Carb. Sl. greater %							
chlorite stringers							
212.5 - 215.8. Leached Lumpy Pkls.							
as above.							
215.8 - 224.0 Agglomerate as above.							
chlorite stringers (matrix) minor							
buff frags. Hl. carb frags.							
Ods py some sections up to 2% py							
(224.0 - 249) - This bit of core.							
badly mixed probably split.							
Mainly agglomerate as above with							
odd sections S.C. Bx. Buff frags.							
chlorite stringers. Fine fault samples							
taken. diss. py throughout section							
up to 10% py							
249 - 254.5. Agglomerate Hl. Ssd							
Carb. Buff frags + alteration py							
throughout some sections Bx.							
254.5 - 255 - Light to Dark grey							
epheulitic Biotite Quartz Diabase.							
Same appearance (Quartz Diabase Dike?)							

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CORRENGOR WILLIAMS GOLD MINES LIMITED

ATTITUDE		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY			OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY	
255. - 269.9. Agglomerate as above.			Tr	158	224- 229	} Mainly 50% Sdld Carb agglom + } Minor BX. buff frags chlorite stringers } + matrix in sections minor py } up to 10% py Core missed in } this Box	
Biotite stringers near upper contact			"	159	229- 234		
1 foot sections up to 12%			"	160	234- 239		
py yellow speck alteration Buff			"	161	239- 244		
stringers alteration - sections up to			"	162	244- 249		
100% Sdld Carb.							
269.9. 270.3- 70% Sdld Carb BX			"	163	249- 254	40% Sdld Carb Sl. BX 2% py	
270.3. - 273.2 Agglomerate as above.						mainly cubes Buff frags	
Hl Sdld Carb up to 60% Buff			"	164	254- 259	Ditto (plus 8" Pike Biotite)	
frags Biotite + chlorite stringers in			"	165	259- 264	Ditto plus yellow speck alt.	
Hl Sdld sections cubes of py. Minor			"	166	264- 269	Ditto	
frags bluish ch. stringers.			"	167	269- 274	Ditto	
273.2 - 280.3- 70% Sdld Carb BX.							
Sections Hl Sdld Carb throughout			"	168	274- 279	50% Sdld Carb agglom + BX Buff	
Biotite + chlorite stringers cubes of						alteration 2-4% py.	
py.			"	169	279- 284	Ditto	
280.3 - 292.4- Agglomerate with			"	170	284- 289	50% Sdld Carb agglom. Buff frags	
minor section BX. inclusions Hl						yellow speck alteration Biotite +	
Sdld carb up to 60% in sections						chlorite stringers.	
Buff frags Biotite + chlorite			"	171	289- 294	Ditto plus 3" section 70% S.C. BX.	
stringers yellow speck alteration			"	172	294- 299	60% Sdld Carb agglom. Buff frags	
minor sections up to 10% py.						with 1 foot section Hl Sdld Carb Sl. BX.	

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH	FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC	GEOLOGY Buff + yellow speck ckt
292.4 - 292.6	70% Sld Cald Bx	tr	175	300 - 305	40% Sld Cald	sections Sl. Bx 2-4% py
292.6 (327.6)	agglomerate as	"	176	305 - 310	Ditto	
above	sections up to 70% Sld	"	177	310 - 315		
	cald + Sl. Bx in appearance	"	178	315 - 320		↓ Thus 2 tiny whorly qtz stringers
327.6 - 329.2	70% Sld Cald. Bx	"	179	320 - 322.4		↓
	Minor yellow speck + Buff alt.	"	180	323.4 - 327.6		↓
329.2 - 330.5	Scherattite Fe <sub>2</sub> O <sub>3</sub> Dico.	"	181	327.6 - 332.6	60% Sld Cald Bx	Minor chlorite stringers
	Sl. Cald sld. stringers. 1 up to	"			Minor fine qtz stringers	Dico py.
	1/2" near bottom contact.	"	182	332.6 - 337.6	Ditto	
330.5 - 350.0	(60-70%) Sld Cald Bx	"	183	337.6 - 342.6		
	Minor yellow speck + Buff alt.	"	184	342.6 - 347.6		
	Minor qtz stringers. minor chlorite	"	185	347.6 - 350.0		↓
	stringers	"	186	350.0 - 355.0	60% Sld Cald. Biotite + chlorite stringers.	
350.0 - 361.5	60-70% Silicified Carbonate	"			Minor Dico py.	
	Slightly Bx. in sections Buff to grey	"	187	355.0 - 360.0	Ditto	
	in color Biotite + chlorite stringers	"	188	360.0 - 362.2		
	Matrix throughout Dissembled Py	"	189	362.2 - 367.2		
	throughout	"	190	367.2 - 372.2		
367.5 - 372.9	Pale green M-g. Diorte Dico.	"	191 B	372.2 - 374.0		↓
	Sl. Cald sld stringers	"	192 B	374.0 - 379	60% Sld Cald Biotite + chlorite stringers	Dico py.
362.9 - 406.3	60% Silicified Cald. Sl. Bx. Sl.				Sl. Bx	tiny qtz stringers.
	talose. sections somewhat more chlorite	0.04	193 B	379 - 384	Ditto	

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COCHINOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
and Butte (Holmes) with a		ta	194.B	384-	389	60% Sld Cald.	Butte + Chlorite Stumps
dissemination in Carbonate and an		"	195A	389-	394	Diss. Py. Sl. Bx.	Thin sil. Stumps
masses in and at base		"	196	394	399	Ditto	slightly more % Pyritic Stumps
406.3 - 442. Hl. Cald + Sld. Calc Carbonate		"	197	399-	404		
50% Cald Sld. with Hl. chlorite + Butte sections		.04	198	404-	409.	40% Sld Cald.	Greater % Butte + Chlorite Stumps
402 - 444.4 Long Dike Sl. Sld.							Diss Py. Sl. Bx. in
Cald Stumps							sections. Calcose.
444.4 - 456.7 - 3% Cald. Calc Carbonate		"	199	400-	414	Ditto	
main Long Dike of py. Rhythms.		"	200	414-	419.		
Hl. Chlorite.		"	201	419-	423		
456.7 - 466.1 - Long Dike as above.		"	202	423-	427.		
sl. Sld Cald Stumps		"	203	427-	432.		
466.1 - 486.9. Calc Cald as above.		"	204	432-	437.		
486.9 - 490.4 - Long Dike as above.		"	205	437-	441		
490.4 - 496.1 Calc Carbonate as		"	206	441-	444.		
above. Hl. Sld Cald. over last foot.		"	207	444-	447.3	30% Sld Cald.	Hl. Butte + Chlorite
at bottom contact		"					
496.1 - 501.4 Long Dike as above		"	208	447.3-	452.3	Diss. py.	
Sl. Sld Cald.		"	209	452.3-	457.3	Ditto	
501.4 - 509.4 - Hl. Sld Cald Sl.		"	210	465-	470.6	30% Sld Cald.	Hl. Butte + Chlorite Diss. Py.
Py in sections up to 50% Hl.		"	211	470-	475.0	Ditto	
Chlorite + Butte in sections near							

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COCHINOUR WILLIAMS GOLD MINES LIMITED

ATTITUDE	STARTED	BEARING		D.D. HOLE NO.
DEPARTURE	COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH	FILE
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
509.4 - 511.9 - Long Dike as above	tr	212	475.0 - 480.0	30% Sld Cald. Hl. Butte + Chlorite Dues. Py.
511.9 - 525.7 - Tale Carbonate	"	213	480.0 - 485.0	Ditto ↓
525.7 - 531.2 - Long Dike as above	"	214	490.0 - 495.0	↓
531.2 - 536.1 - Tale Carbonate	"	215	495.0 - 496.5	50% Sld Cald Br Dues py.
536.1 - 540.0 - Tale Carbonate	"	216	501.0 - 505.5	Ditto ↓
540.0 - 545.0 - Long Dike as above	"	217	505.5 - 509.4	40% Sld Cald minor qty stunges Dues py Chlorite
545.0 - 550.0 - Tale Carbonate as above	"	218	511.6 - 516.6	30% Cald sld frags Hl. Chlorite + butte Dues Py
550.0 - 555.0 - Long Dike as above	"	219	516.6 - 521.6	Ditto ↓
555.0 - 560.0 - Tale Carbonate as above	"	220	521.6 - 525.8	↓
560.0 - 565.0 - Long Dike as above	"	221	531.1 - 536.1	↓
565.0 - 570.0 - Tale Carbonate as above	"	222	536.1 - 540.0	↓
570.0 - 575.0 - Long Dike as above	"	223	540.0 - 545.0	↓ plus 2" Bull qty stunges
575.0 - 580.0 - Tale Carbonate as above	"	224	545.0 - 550.0	↓
580.0 - 585.0 - Long Dike as above	"	225	550.0 - 555.0	↓
585.0 - 590.0 - Tale Carbonate as above	"	226	555.0 - 560.0	↓
590.0 - 595.0 - Long Dike as above	"	227	560.0 - 565.0	↓ plus 8" Bull qty stunges
595.0 - 600.0 - Tale Carbonate as above	"	228	565.0 - 570.0	↓
600.0 - 605.0 - Long Dike as above	"	229	570.0 - 575.0	↓
605.0 - 610.0 - Tale Carbonate as above	"	230	575.0 - 580.0	↓

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COCHENOUR WILLIAMS GOLD MINES LIMITED

AZIMUTH		STARTED	BEARING		D.D. HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
634.9 - 641.2 - Long Dike, Mod Silt Calcd Straggles abundant intermediate rounded pebbles contact.	TRACE	231	580	585	20-30% Calcd silt frags. Hl. chlorite + P. in the Duro Py
	"	232	585	590	Ditto
	"	233	590	595	
then appearance of Duro's Dikes	"	234	595	600	Ditto
644.2 - 646.6 - Tali Carbonate as above.	"	235	600	605	
	"	236	605	610	
646.6 - 651.0 - Long Dike	"	237	610	615	30% Silt Calcd (frags) Hl. chlorite Mus SC. BX + Bull qty melanose Mus Duro py. chlorite straggles + Mus qty. Straggles throughout.
651.0 - 656. - Tali Carbonate	"	238	615	620	
	"	239	620	625	
	"	240	625	630	
	"	241	630	635	Ditto
656. End of Hole.	"	242	640.9	645.9	
	"	243	650.8	656.	

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COCHENOUR WILLANS GOLD MINES LIMITED

ATTITUDE	12450E	STARTED	2/10/73	BEARING	Grid North	D.D.HOLE NO.	SW-73-12
DEPARTURE	1450 N	COMPLETED		DIP	-45°	LOCATION	Willans Surface
ELEVATION		H.D. 327.5	V.D. 314.3	DEPTH	454.0	FILE	1

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0.0 - 78.0 - Casing	Tr	827	78.0 - 83.0	S-C Arsenite
	"	828	85.0	Bull Bx 2% py
78.0 - 83.0 - Altered sandstone	"	829	87.5	Bull Bx - S-C 2% py
dark grey fine grained 40% mica	"	830	90.2	60-70% S-C, 20% bull/bx 20% calc.
intermediate grained crystalline calcareous	"	831	92.5	" " " " " " " "
rather massive hard massive	"	832	94.8	" " " " " " " "
silt calc cont'd to 93.0'				
83.0 - 87.6 - Bull Silt Breccia				
lot full till limit 30%				
silt calc. Calc. matrix stony				
10% chlorite altered lava				
massive silt calc cont'd to				
87.6 2-3% fine disseminated py.				
87.6 - 94.8 - Silicified carbonates				
60% silicified carbonate 20% chlorite				
siliceous calc. 20% bull silt				
breccia				
92.0 - 94.8 - moderately magn'd.				
2-3% fine disseminated py.				

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COCHENOUR WILLANS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO. SW-73-17			
DEPARTURE		COMPLETED	DIP		LOCATION			
ELEVATION		H.D.	V.D.	DEPTH		FILE		
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY		
94.8	-96.2 - Silt - Coal	Tr	833	94.9	-	96.2	S-C	Under to
60	shale	"	834	76.2	-	97.0	70-90	S-C 2-4%
5	shale	"	835			102.0	" "	" " "
shale	2"	"	836			105.0	70%	" " 20% ch. tab.
		"	837			108.0	70-80%	" " "
96.2	-120.6 - Silt	"	838			111.0	" "	" " "
70%	silt	"	839			114.0	" "	" " "
15%	shale	"	840			117.0	70%	" " 20% ch. tab.
2-3"	shale	"	841			120.5	60%	" " 30% " "
		"	842			124.0	60%	Bull Bx 70% ch. tab 70% S.C.
120.6	-129.4 - Bull Silt	"	843			127.0	" "	" " "
60%	silt	"	844			130.0	70%	" " 30% S-C.
20%	silt	"	845			133.0	70%	S-C.
10%	shale	"	846			136.0	60%	" " 20% ch. tab
2%		"	847			139.0	60%	" " 40% " "
		"	848			142.0	70%	" " 20% " "
129.4	-140.7 - Silt	"	849			145.0	" "	" " "
50-60%	silt	"	850			148.0	" "	" " "
30%	shale	"	851			150.0	" "	" " "

PLOTTED \_\_\_\_\_

LOGGED \_\_\_\_\_

LAYED OUT \_\_\_\_\_

COCHINOR WILLIAMS GOLD MINES LIMITED

ELEVATION		STARTED		BEARING		D.I. HOLD NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
140.7	- 142.7	Bull Silt Breccia	TR	972	140.7	142.7	Bull Silt Breccia
	60% bull silt breccia, 20% bi-stone			973		143.6	Silt Breccia
	50% silt, 20% silt carb., 3-4% f.			974		147.1	Silt Carb.
				975		148.1	Silt Carb.
				976		150.0	Bull Alteration
142.7	- 143.6	Silt Carb.					
	90% silt carb., 20% chlorite						
	5% f.						
142.7	- 147.1	Bull Silt Breccia					
	as 140.7-142.7						
147.1	- 148.1	Silt Carb.					
	as 142.7-143.6						
148.1	- 150.0	Bull Alteration					
	40% bull silt breccia, 50% bi-stone						
	interstitial lens, 10% silt carb.						
	2% f.						

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COCHINOIR WILLIAMS GOLD MINES LIMITED

ASPECT	STARTED	BEARING		D.D. HOLE NO.		
DEPARTURE	COMPLETED	DEP		LOCATION		
ELEVATION	H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY	
152.0	-153.0	Silt / Carbon				
		Tr	777	152.0	153.0	Silt Carb
		"	778		156.0	" " "
		"	779		158.6	B. / Silt Bx
		.04	780		159.9	Silt Carb
156.0	-158.6	Redd / Silt / Carbon	"	781	164.0	B. / Silt Bx
		60-70% silt / Silt / Carbon	"	782	167.0	Silt Carb
		30% Silt Carb 3-4% silt	"	783	169.0	" "
			"	784	171.2	" "
158.0	-159.0	Silt Carb				
159.0	-164.0	Redd / Yellow Lamin				
		50% silt / Yellow Lamin				
		30% silt / Silt Bx				
		20% silt / Silt / Lamin				
164.0	-171.2	Silt Carb				
		20% silt / Carb / Silt				
		10% silt / Silt / Lamin				

PLOTTED \_\_\_\_\_

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COCHINOUR WILLIAMS GOLD MINES LIMITED

AZIMUTH		STARTED	BEARING		D.D. HOLD NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
171.2	172.2 - 172.5 - Silty sand	77	955	171.2	172.7	171.2 S-C
	30' sandstone 70' silty	4	956		172.0	171.2 S-C
	10' silty sandstone	4	957		172.3	171.2 S-C
		4	958		172.3	171.2 S-C
172.2	172.5 - 172.8 - Silty sand	1	959		173.0	
173.5	173.7 - 174.0 - Silty sand					
	50' silty sandstone 20' silty					
	hard silty sandstone 50' sand					
	173.5					
172.3	172.5 - 172.8 - Silty sandstone					
	50' silty sandstone 20' silty					
	172.3					
172.5	173.0 - 173.5 - Silty sand					
	60' silty sand 40' silty					
	172.5					

PLOTTED \_\_\_\_\_

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COCHENOUR WILLIAMS GOLD MINES LIMITED

AZIMUTH		STARTED	BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
183.0	-183.0 - Lower Dk	T <sub>r</sub>	990	183.0	196.1	S.C. R.1/211
	made of ...	"	991		199.9	Ø
		"	992		202.8	Ø
		"	993		206.5	B.1/211 S.C.
193.0	-196.1 S. l. / Carter - Bull. B.	"	994		209.6	R <sub>x</sub>
	40' ...					
	water ...					
196.1	-202.8 - ...					
202.8	-206.5 - Bull. B.					
	50' ...					
	20' ...					
206.5	-209.6 - ...					
	60' ...					
	40' ...					
	2-3'					

PLOTTED \_\_\_\_\_

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COCHENOUR WILLIAMS GOLD MINES LIMITED

AZIMUTH		STARTED	BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
219.6	2197	Tr	995	219.6	212.0	Ø
as before		"	996		215.0	Ø
217.2 - 217.5	as before	"	997		218.0	Ø
		"	993		220.0	Altered dolomite
218.2 - 220.0	Altered dolomite	"	999		224.4	Porphyry
	ll dolomite & quartz some bit gold	"	1000		229.5	Altered dolomite
	15-20% silt calc traces py.	"	1		230.0	Porphyry
		"	2		232.7	Vein type lly silt -
220.0 - 224.4	Quartz Porphyry Dk					
	as before					
224.0 - 228.5	Altered dolomite					
	min. bit of gold along calcite					
	15% silt calc					
228.5 - 230.0	Quartz Porphyry					
	as before					
230.0 - 232.7	Hly Silt					
	90-95% lt quartz lly. some					
	silica calc. will hold fragments					
	of quartz vein type material					

PLOTTED \_\_\_\_\_

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COCHENCUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D. HOLE NO.		
DEPARTURE		COMPLETED	DIP		LOCATION		
ELEVATION	H.D.	V.D.	DEPTH		FILE		
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY		
2337	-233.4	Long Det	Tb	3	232.7	236.0	Wb sils vein type
		Long Det	"	4		237.0	"
			"	5		242.0	"
			"	6		245.0	"
233.4	-246.5	Wb sils vein	"	7		246.5	"
		Long Det	"	8		249.7	Bio chls S-C
		Long Det	"	9		257.7	"
			"	10		256.5	" 20% Wb sils
243.5	-256.5	Bull Altess Lm	"	11		259.4	Wb sils vein type
		50-60% chls & bio chls	"	12		261.4	" " " "
		40% sils calc. chls & vesicles	"	13		264.5	"
		Stanniferous calc. veins alternate	"	19		267.5	Bull altess 50% S-C
		in calc. veins trace py	"	20		270.0	Wb sils 20% " "
			"	21		272.5	40% S-C
256.5	-264.5	Wb sils vein type	"	22		275.0	" " "
		without calc. veins	"	23		277.5	Wb sils 40% S-C
			"	24		280.0	"
264.5	-305.3	Wb Altess into calcines	"	25		283.0	"
		50-60% Wb Altess lavas 20%	"	26		284.6	10% S-C
		which is brecciated Wb chals & sils	"	27		287.5	Bull Bx type 40% S-C
		40% sils calc. chals & vesicles	"	28		291.0	mod. sils
		Wb & Altess	"	29		294.0	"

-4% for py

PLOTTED \_\_\_\_\_

LOGGED \_\_\_\_\_

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE	STARTED	BEARING		D.D. HOLE NO.	
DEPARTURE	COMPLETED	DIP		LOCATION	
ELEVATION	H.D.	V.D.	DEPTH		FILE
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
305.5 - 306.0 - Low Lib	Tr	30	294.0	297.0	4.0% S-C
med. ... ..	"	31		300.0	2.5% "
w/ ... ..	"	32		303.0	4.0% Bull/Alt. 20% S-C
	"	33		305.5	4.0% " "
306.0 - 307.7 - H/L Altered Lava.	Tr	70		307.7	↓
as above.	"	71		311.0	Sill. vein type Aggr. & Bull/Altered "Lava"
	"	72		317.0	
307.7 - 311.0 - Highly Sill Vein Type	"	73		319.6	1/2" Type Aggr.
Planchonite - 30% sill 10% chlorite	"	74		325.0	Bio Chlor S-C 10% sil vein type
low 8 1/2% seric'd lava, 1-2% py.	"	75		330.0	" " " "
	"	76		335.0	20% bull/side
311.0 - 317.0 - Bull/Altered Lava	"	77		340.0	
low bull/alt. lava, 4.0% sill	"	78		345.0	
2.0% sill carb., 2% py	.10	79		350.0	
	"	80		355.0	
317.0 - 319.6 - H/L Sil Vein Type Planchonite	"	81		359.8	↓
9.5% sill, 3% fine py					
319.1 - 358.8 Bio-Chlor - Sill Carb.					
50-60% sill carb., 40% bio-					
chlor in ... ..					
2-4% py, low bull/side vein					

PLOTTED \_\_\_\_\_

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ELEVATION		STARTED		BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
359.2 - 361.0	Basal Silt Breccia	74	82	359.8	361.0	Basal Silt Bx	
		"	83		365.0	Basal Silt carb	
		"	84		368.7	Altered Lave	
		"	85		369.6	Silt Carb	
		"	86		372.5	Altered Lave	
361.0 - 365.0	Very Silt Carb						
	80% silt carb H. carb						
	has a. l. fragments						
365.0 - 368.7	Altered Lave						
	90% silt carb, 20% Silt						
	carb fragments 4% p. py						
368.7 - 369.6	Silt Carb						
	as above						
369.6 - 372.5	Altered Lave						
	as 365.0 - 368.7						

PLOTTED \_\_\_\_\_

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COCHENOUR WILLIAMS GOLD MINES LIMITED

52-73-12

ELEVATION		STARTED		BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
372.5	-382.0	Silt	Gr	87	372.5	376.0	
	40'	Silt		88		382.0	
	2'			89	393.6	398.0	3' silt
				90		403.0	
392.0	-393.6			91		408.0	
				92		412.0	
				93		418.0	
				94		422.0	✓
393.6	-422.0	Silt					
		50-60'					
		Silt					
		2'					
422.0	-454.0	Mudstone					
		Li.					
		crystalline					
		some					
		crystalline					
		mass.					
454.0		Foot of hole					

PLOTTED \_\_\_\_\_ LOGGED \_\_\_\_\_ LAYED OUT \_\_\_\_\_

OSCHINGOR WILLIAMS GOLD MINES LIMITED

At. Core KRL 8470

LATITUDE 18+25E DEPARTURE 1+40N ELEVATION \_\_\_\_\_  
 STARTED \_\_\_\_\_ COMPLETED \_\_\_\_\_ DEPTH 373  
 BEARING Grid North DEP -650 LOCATION AIRPORT FILE \_\_\_\_\_  
 A.D. 1961 NO. W-S-#13.

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0-62.0 - Boulders + Gravel Casing	TRACE	286	62- 64.5	20% Sld Calcd stungin Diss py
62.0- 74.5. Hl Sld Calcd Lamp Dike	"	288	64.5- 69.5	Ditto ↓
Stungins Light grey M.g. Somewhat Speckled + spherulitic sections	"	289	69.5- 74.5	30% Sld Calcd. Stungins Diss py
with 30% Sld Calcd Diss. py.	"	290	74.5- 79.5	70% Sld Calcd. Diss Py. Chloritic stungins
throughout	"	291	79.5- 84.5	40% Sld Calcd. (agglom alt.) Matrix
74.5- 84.3. (50-60%) Sld Calcd. Ardesite (agglomerate) fragmental in appearance.	"	292	84.5- 87.9	Hl. chloritic. very minor Diss. py.
with chloritic stungins throughout.	"	293	87.9- 92.0	Ditto ↓
Minor finely Diss py in B/W Sld sections	TRACE	294	92.0- 97.0	
84.3 - 88.6. Light green to grey Hl.	"	295	97.0- 102.0	
Speckled in appearance Sld Sld	"	296	102.0- 107.0	
Calcd - stungins mainly at contacts	"	297	107.0- 112.0	
Lamp Dikes finely Diss py Bottom	"	298	112.0- 116.0	
contact Hl. Sld Calcd. over	"	299	116.0- 121.0	
4" with a tiny squarish qtz stungin.	"	300	121.0- 126.0	
88.6 - (137.3) Light green to greyish	"	301	126.0- 131.0	
Mod- Hl. Sld Calcd agglomerate (Ardesitic) (agglomerate type alteration) fragmental with minor sections S.C. Bx			131- 133.7	
Included. Cubes + finely Diss py throughout			133.7- 137.3	

PLOTTED

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ELEVATION		STARTED COMPLETED		DEARING DEP		D.L. FILE NO. LOCATION	
ELEVATION		H.D. V.D.		DEPTH		FILE	
GENERAL GEOLOGY		OUNCES		NO.		FOOTAGE ECONOMIC GEOLOGY	
137.3-144.7	70% Sld Calcd Bx	TRACE	302	137.3-142.3	70% Sld Calcd Bx	Chloritic stringers.	
144.7-152.1	4% Sld Calcd Somewhat	"	303	142.3-144.7	Ditto		
152.1-153.7	Med Sld Calcd Lemp	"	304	144.7-149.7	60% Sld Calcd Sl. Bx. Hl. Chloritic		
153.7-154.8	70% Sld Calcd Somewhat	"	305	149.7-154.7	Ditto plus fine fault zone (Minor Lemp Dike with 2-4% Diss py)		
154.8-155.9	Lemp Dike as above	"	306	155.9-161.0	50-70% Sld Calcd minor ch. stringers		
155.9-163.4	50-70% Sld Calcd Somewhat	"	307	161.0-163.8	chloritic stringers very minor Diss py		
163.4-179.4	Lemp Dike as above	"	308	179.5-181.5	50% Sld Calcd		
179.4-181.5	70% Sld Calcd Somewhat	"	309	183.25-185.8	20% Sld Calcd inclusion Lemp Dike		
181.5-183.2	Lemp Dike as above	"			2-4% py		
183.2-185.7	Malic Volcanics as above	"			Ditto		

fault zones @ 144.7 and 150.7 (sheared fault material)

Quite Hl. Sld Calcd Diss py throughout  
 minor acuminated inclusions  $\frac{1}{2}$  the  
 core Lemp  $\frac{1}{2}$  agglom. (in minor sections throughout)

PLOTTED \_\_\_\_\_

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COCHINOR WILLIAMS GOLD MINES LIMITED

ELEVATION		STARTED	ENDING	DIP		D.D. FILE NO.
DEPARTURE		COMPLETED		DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPIN		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
185.7-187.2	Lumpy Ore as above	TRACE	310	187-	191.	60-70% Calc Sld. Minor chlorite + Biotite stringers
187.2	200.7- (60-70%) Carb. + Hl Sld					Very finely Dis py
Carbonate	Somewhat talcose with	"	311	191-	196.	Ditto ↓
Minor amounts Hl. chloritic stringers	(Mod Bx)	TR	312	196-	201.	↓
also minor talcose stringers (Hl. old Volcanics)		TR	313	201-	206	70% Calc Sld very Minor chlorite + Biotite
200.7-219.3	70% Sphered Carbonate					stringers very finely Dis py minor somewhat
small areas to Bullseye Dis py						talcose sections included
moderate 'only' less minor chlorite		TRACE	314	206-	211	Ditto ↓
stringers (Hl. Sld Carb Volcanics)	Sl. Bx in sections	TR	315	211-	216.	↓
219.3-235.2	Hl. Carb Sld Sl.	TRACE	316	216-	219.2	↓
talcose as above (187.2-200.7)		"	317	219.2-	224.2	50-60% Calc Sld. chlorite + Biotite stringers
235.2-241.6	Sld Carbonate as					6% py.
above with minor sections somewhat		"	318	224.2-	229.2	Ditto ↓
talcose (more chlorite + talcose stringers)		"	319	229.2-	234.2	↓
241.6-243.6	Hl. Sld possible (M.P.D???)	"	320	234.2-	235.5	↓
90-95% Ote somewhat cherty in appearance.		"	321	235.5-	238.7	70% Calc Sld Dis py Minor talcose inclusions
243.6-251.0	Sphered Carbonate as	"	322	238.7-	241.6	Ditto
above.		"	323	241.6-	243.6	80% Sld. very finely Dis py
251-257.2	80% Sld Sl. Carb	"	324	243.6-	247.	60-70% Sld Carb. Minor Biotite + chlorite
Bx. Very Hl. Sld Carb. minor py.						stringers finely Dis py
257.2-259.8	Hl. Sld Carb Sl. Bx	"	325	247-	250.7	Ditto
no manganese + Dis Py.		"	326	250.7-	252.8.	80% Sld minor py

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COCHINGHAM WILLIAMS GOLD MINES LIMITED

ELEVATION		STARTED COMPLETED		NEARINGS		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
259.8 - 260.6	M. Carb Sd	TRACE	327	252.8 - 255.2	80%	Sd	Minor py.
Mafic Volcanics (agglomerate alt.) quite cherty		TR	328	255.2 - 257.2		Ditto	
20% py		TRACE	329	257.2 - 259.8	50%	Sd Carb	Manganese Buff frag
260.6 - 263.9	Hl. Sd Carb Bx						Minor Dias py
bedding upto 90% qtz	Some qtz	"	330	259.8 - 260.6	30%	Sd Carb	20% py.
bluish quite Bx at Bottom contact		"	331	260.6 - 263.9	80%	Sd Carb	Fr py
263.9 - 265.6	Volcanics as above	"	332	263.9 - 265.6	40%	Carb sld (agglom.)	Dias py cherty
agglomerate in appearance	Dias	"	333	265.6 - 268.2	80%	Sd Carb	Fr. py
py throughout		"	334	268.2 - 269.9	40%	Carb sld (agglom.)	cherty Dias py
265.6 - 268.2	80% Sd Carb.	"	335	269.9 - 272.4	80%	Sd	Buffish color - minor py cubes
Bx as above bluish qtz							Sl. fractured with carb sld stringers.
268.2 - 269.9	Mafic Volcanics	"	336	272.4 - 275.5		Ditto	
agglomerate alteration as above		"	337	275.5 - 279.0	40%	Carb sld	fr. py
269.9 - 275.4	Very Silicious Somewhat	"	338	279.0 - 284		Ditto	
reddish bluish color probably		"	339	284.0 - 289.0			
M.R.D. silicate like material. Minor		"	340	289.0 - 290.5	80%	Sd	Buffish py cubes.
fractures with qtz & carb in fractures		"	341	290.5 - 291.5	40%	Carb sld	fr. py
contacts distinct @ 40° - L.C.A.		"	342	291.5 - 292	80%	Sd	Buffish py cubes
275.4 - 278.4	40% Carb Sd. Agglom.	"	343	292 - 294.2	40%	Carb Sd	fr. py.
type altered Mafic Volcanics Minor sections	Sl. Bx	TR	344	294.2 - 296.6	80%	Carb Sld	fr. py.
278.6 - 279.5	Dark green M.g Diorite	"	345	296.6 - 301.6	40%	Carb Sld	fr. py Minor Bx sections
Dark. Hl. sld Carb stringers Minor		"	346	301.6 - 306.6		Ditto.	

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COCHINOUR WILLIAMS GOLD MINES LIMITED

FAITHFUL DEPARTURE ELEVATION	STARTED COMPLETED H.D. V.D.	BEARING DEP. DEPTH	D.D. HILL NO. LOCATION FILE	
GENERAL GEOLOGY	CUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
Disc py. Contacts @ 30° - L.C.A.	TRACE	347.	306.6 - 311.6	Ditto
279.5' - 289.5. Mafic Volcanics	"	348	311.6 - 314.2	10% Sld Calcd Disc py. Some sld By mistake
with agglomerate dlt as above.	"	349.	314.2 - 319.2	50% Sld Calcd minor qty. Stringers above
289.5 - 290.6 - M.R.D.? as above.	"	350	319.2 - 324.2	Ditto ↓
290.6 - 291.3 - Altered Mafic Vol. agglom.	"	351	324.2 - 329.2	↓
as above.	"	352	329.2 - 332	10% Sld Calcd 20% py. Misty Core ground
291.3 - 291.8. M.R.D.? as above.				
291.2 - 294.0 - Alt. agglom as above.				
294.0 - 296.6. M.R.D. as above.				
296.6 - 311.6 - Alt agglom (Mafic Vol. as above)				
311.6 - 313. Dark green M.g. Quartz Dico				
Sl. Sld Calcd. Disc py.				
313 - 314.8 - Dark grey mottled				
limp Dico Sl. Sld Calcd stringers				
314.8 - 330.1 - 40% Calcd sld				
Altered (agglom alteration) Mafic				
Volcanics as above. Very odd				
minor section with 1/8" Bull qty stringers.				
minor py. throughout.				
330.1 - 331.4. Core ground. Misty Feany				
reminiscent in fragments that are				

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COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
337.4 - 331.8 - Mod. Sld Calcd. Volcanics - heavy mineralized 20% py		TRACE	353	332 -	334.9	40% Sld Calcd minor Bull qty inclusion to py	
331.8 - 324.3 - 50% Sld <sup>Calcd</sup> Agglom		"	354	334.9 -	339.2	40% Sld Calcd 10% py	
alteration as above minor Bull qty inclusions Diss py up to 6% at Bottom contact.		"	355	339.2 -	344.2	Ditto ↓	
334.3 - 335.7 - Light grey Mod Calcd Sld. Stungas Lamp Dike		"	356	344.2 -	349.2	↓	
335.7 - 336.3 - Sld <sup>mod.</sup> Agglom as above		"	357	349.2 -	354.6	60% Sld Calcd Minor Bull qty	
336.3 - 339.2 - Mainly Mafic Volcanics quite Hl. mineralized with 8% py. Minor sections S.C. Bx included		"	358	354.6 -	356.2	80% Sld Sd Calcd to py specks chales	
339.2 - 339.5 - Pump Dike as above		"	359	356.2 -	358.8	70% Sld Calcd Diss py	
339.5 - 341.6 - Mafic Volcanics as above		.06	360	358.8 -	362.0	80% Sld 4% py.	
341.6 - 354.8 - Mainly Hl. Sld Calcd. assemblage shows alteration sections quite chlorite. Diss py throughout. Some minor sections with bull qty + up to 60% Sld Calcd.		TRACE	361	362.0 -	363.7	50% Sld Calcd 10% py Minor Chales	
		"	362	363.7 -	365.3	80% Sld to py.	
		"	363	365.3 -	366.1	30% Sld Calcd Diss py.	
		"	364	366.1 -	367.2	80% Sld to py.	
		.04	365	367.2 -	368.6	40% Sld Calcd. 10% py 2% chales S.L. Bx in section	
		TRACE	366	368.6 -	370.8	80% Sld Mod Calcd. to py	
		"	367	370.8 -	373.0	70% Sld Calcd. Diss py. to chales	

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COCHINOR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED		BEARING		D.D. NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		R.D.		V.D.		FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
354.8 - 358.7 - 70% Sdd Calcd Bx							
2-4% py. odd section chales.							
358.7 - 362 - Hl. Smeena Dike M.R.D							
fractured rusty staining up to							
2% py in fractures.							
362 - 363.6 - 70% Sdd Calcd Bx							
8% py							
363.6 - 365.3 - M.R.D as above.							
365.3 - 366.0 - Mainly Malin Volcanics							
with 4-6% py 10% Sdd Calcd.							
Stunges. minor specks chales							
366.0 - 367.2 M.R.D as above.							
367.2 - 368.6 - Malin Volcanics as							
above Sl. Bx in sections 10%							
py 2% chales.							
368.6 - 370.8 - M.R.D as above.							
370.8 - 373.0 - 70% Sdd Calcd Bx.							
373.0 - End of Hole							

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COCHENOUR WILLIAMS GOLD MINES LIMITED

KRL 93A-94

FASTERE	20+00 W	STARTED	BEARING	Grid North	D.D. HOLE NO.	W-S-14
DEPARTURE	1+00 S	COMPLETED	DIP	-45°	LOCATION	SOUTH WEST OF AIRPORT
ELEVATION		H.D. 358.7	V.D. 295.2	DEPTH	465	FILE

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0-103.0 Overburden. fine gravel & Boulders	Tr Tr	453	308.6- 311.0	Mafic volcanics altered 5% Sld Carb.
103.0 (312.1) Light grey to greenish sections (intermediate Volcanics)	" "	454	311.0 - 313.5	60% altered granodiorite 40% altered Volcanics minor tourmaline.
Diabase f.g. quite massive with rhythmic 3" moderately sld + Carb. sections (yellow rims) Sld. sld	" "	455	313.5 - 316.0	altered granodiorite with ore small qty tourmaline stringers. 5% qty tourmaline with minor py + po mineralization
carb. throughout with the greatest % Sld Carb in yellow rim, odd quartz boulders in mine. minor sulphides	" "	456	316.0 - 318.5	5% qty tourmaline minor py.
usually py in mine. Minor fine blackline fractures, resembles tourmaline but probably is a blue black qty.	" "	457	318.5 - 321.0	15% qty tourmaline stringers 4% sulphide py. po + Aspy. Aspy in stringers + also finely disseminated in granodiorite needles + crystals.
Squarely & usually in the area of mine. Core angles constant	" "	458	321.0 - 323.5	5% qty tourmaline stringers 2-4% sulphides py. po + Aspy
@ 550 - L.C.F. decrease in amount of carb stringers increases with depth up to	" "	459	323.5 - 326.0	10% qty tourmaline 2% sulphides py po + minor small fibres + needles Aspy.
194.3 1% sulphides in yellow rim	20% "	460	326.0 - 328.5	" Ditto "
py po + minor Aspy	" "	461	328.5 - 331.0	5% tourmaline + qty minor py + po odd Diabase Aspy.
Thin black line fault @ 156.5	.04 .04	462	331.0 - 333.5	40% qty tourmaline stringers. 4" bull qty stringers. 10% sulphides mainly Aspy.
184.8				with minor py + po.

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COCHINOR WILLIAMS GOLD MINES LIMITED

LAITHEDE	STARTED	BEARING	D.D. HOLE NO.	
DEPARTURE	COMPLETED	DIP	LOCATION	
ELEVATION	H.D.	V.D.	DEPTH	
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	
			ECONOMIC GEOLOGY	
158.5- Blackline fault	.04.06	463	333.5-	336.0
Illion sections Sl. P.x. Minor sections				
July? banded. @ 277.281	.04.09	464	336.0 -	338.5
318.1- (376.8.) Gold ore to Sl	.04.09	465	338.5-	341.0
Balish carbonate & indomly				
Leached. Fractures with qtz tourmaline				
2 Sulphides in fractures po. py. Aspy				
4 Minor Cpy	Tr. 06	466	341.0 -	343.5
Aspy is very coarse and up to				
10% in sections. crystals up to 1/4"	" Tr	467	343.5 -	346.0
in size. Contact is hard to				
disturbance The first 3 feet of groundwork	" .09	468	346.0 -	348.5
is highly altered & altered. Sericitized				
groundwork showing a creamy color.	.04.09	469	348.5 -	351.0
376.8- 382.7. Hl. altered. Intermediate				
Volcanics (Dikes) Juffs? Mangonite	Tr Tr	470	351.0 -	353.5
alteration. finely Dis. py. + Aspy.				
2" qtz tourmaline stringers with coarse	" .09	471	353.5 -	356.0
Aspy. at bottom contact				
382.7- 395.3- Mainly highly altered	tr " Tr	472	356.0 -	358.5
4 phreatic groundwork with minor 3"				
inclusions (Intermediate Volcanics)	.52 .48 .37	473	358.5 -	361.0

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COCHRAN WILLIAMS GOLD MINES LIMITED

ATTITUDE		STARTED		FINISHING		D.B. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
395.3 - 411.2	Intermediate Volcanics as above. Moderately S id + Carb. minor sections with Buff and minor tourmaline in Hl. S id sections as at 407.7.	.04	474	361.0 -	363.0	Mainly Aspy coarse + finely disseminated py + minor po 10% qty tourmaline 1% sulphides Aspy + py.	
412.5 - 413.3	Dark green f. g. Dike (Probably Diorite?)	Tr. Tr	475	363.0 -	365.5	" Ditto	"
412.5 - 413.3	Dark green f. g. Dike (Probably Diorite?)	" .08	476	365.5 -	368.0	" Ditto	"
413.3 - 416.7	Hl. Carb mod S id. Volcanics sections sl. talcose.	" .04	477	368.0 -	370.0	" Ditto	"
416.7 - 417.2	Diorite Dike as above with bottom contact. Hl. S id with Bull qty + tourmaline stringer 1% py.	.50.25	478	370.0 -	372.5	15% qty tourmaline. heavy tourmaline + bull qty 5% sulphides py, po Aspy + 3 specks V.G. in Bull qty 3% qty tourmaline. 2-4% sulphides Aspy finely Diss. in groundrocks.	
417.2 - 426.0	Intermediate Volcanics Hl. S id up to 3% S id Carb Manganese red. up to 2% sulphides py + po.	.04 Tr	479	372.5 -	375.0	20% qty tourmaline 2-4% sulphides py, po + Aspy	
417.2 - 426.0	Intermediate Volcanics Hl. S id up to 3% S id Carb Manganese red. up to 2% sulphides py + po.	" .04	481	377.5 -	380.0	Hl. S id (Vol). 2-4% sulphides (Aspy Py. finely disseminated). Manganese alt. very tourmaline stringer. the qty eyes.	
426.0 - 427.3	Dike as above. Hl. S id on upper contact. 1/2 bull qty + tourmaline stringer	" Tr	482	380.0 -	382.5	" Ditto "	
427.3 - 428.7	Altered Volcanics 4% Sulphides mainly py. Hl. chlorite	" "	483	382.5 -	385.0	Altered + Sheared groundrocks 2% qty tour. stringers minor Aspy + py	
427.3 - 428.7	Altered Volcanics 4% Sulphides mainly py. Hl. chlorite	" "	484	385.0 -	387.5	" Ditto "	

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ATTITUDE		STARTED		BEARING		P.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
428.7 - 430.3	Dike as above	Tr. Tr	485	387.5 - 390.0		"altered & sheared zones: minor qty tan & Sulph.	
Sl. Cabd.		" "	486	390.0 - 392.5		"Ditto"	
430.3 - 434.5	Hl. Sld Cabd.	" "	487	392.5 - 395.6		"Ditto"	
Sl. (azepomate)	sections Sl.	" "	488	426 - 429		40% Sld Cabd minor lead qty	
toluene						Stungis 5% Sulphide money pay	
434.5 - 435.6	Talc Carbonate					+ minor py.	
30% Cabd mod. Sld.		Tr	567	440 - 445		20% Cabd Sl. Sld	
435.6 - 437.5	Dike as above	"	568	445 - 450		30% Cabd Sl. Sld	
437.5 - 439.4	Talc Carbonate as	"	569	450 - 452.5		"Ditto"	
about		"	570	452.5 - 455.0		20% Cabd Sl. Sld	
439.4 - (440)	Dike? Quartz	"	571	455 - 460		20% Sld Cabd. 4" Hl. Sld Cabd Bx	
light grey altered						section	
440.0 - 456.8	Talc Carbonate	"	572	460 - 465		"Ditto"	
Sections Hl. Cabd up to 40%	Sections						
Massive albino schistose with							
core angles @ 50° - L.G.A. minor							
py.							
456.8 - 465.0	Mafic Volcanics						
andesite Hl. Sld Cabd (somewhat							
altered) light green to grey. one							
1" section 70% Sld Cabd Bx.							
11" transportable alteration.							
" 465.0 - End of hole.							

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ARRIVED 20+00 W

STARTED

BEARING Grid North

D.B. FILE NO. W-S-#15

DEPARTURE 3+40 S

COMPLETED

DIP - 50°

LOCATION S W of AIRPORT CORNER

ELEVATION

H.D. 513.9 V.D. 508.2 DEPTH 723

FILE

GENERAL GEOLOGY	CUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0-99- Casing - Boulders + gravel.				
99-157.5 - Mafic Volcanics (andesites) Moderately to Hk. Sld sld. minor sections up to 30% sld cald. wavy sections + rust stain over last 10 feet. mass py. thinning out. Minor black line (selenite or silicification) Stungis. probably associated with min. Core angles @ 50°-L.C.K.				
157.5-166.0 Dike mod cald. Stungis reddish stain for last - last M.g. probably (Dioct. thalase?)				
166.0-172. Mafic Volcanics as above less sld cald up to 10%				
172.-172.5. Dike as above.				
172.5-175. Mafic Volcanics as above				
175.176.3. Dike as above				
176.3-181.0 Mafic Volcanics as above wavy sections. Hematite stain				

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COCHINOUR WILLIAMS GOLD MINES LIMITED

ATTITUDE	STARTED	BEARING		D.U. NO.
DEPARTURE	COMPLETED	DIP		LOCATION
ELEVATION	H.D.	V.D.	DEPTH	FILE
GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
numerous squaggy black line alteration stringers near section	Tr	769	193.0 - 198.0	40% Ssd Calcd. buff frags. py cubes rust stain - chlorite matrix.
up to 15% Ssd Calcd	"	770	198.0 - 202.5	Ditto ↓
181 - 182.3 - Light grey m.g. Dunte	"	771	202.5 - 207.5	↓
Dike Sl. Ssd Calcd stringers	"	772	207.5 - 211.5	40% Calcd Sl Ssd. Stringers of talc.
182.3 - 193.6. Mafic Volcanics as above	"	773	211.5 - 216.5	Ditto ↓
irregular sections py cubes	"	774	216.5 - 221.5	Ditto ↓
throughout up to 2% rust stain.	"	775	221.5 - 226.5	↓
193.6 - 208.5 - 30% Ssd Calcd agglomerate	"	776	226.5 - 231.8	↓
minor buff frags. py cubes.	"	777	233.8 - 237.8	40% Calcd Sl. Ssd Stringers of talc.
rust stain throughout - somewhat	"	778	237.8 - 242.8	Ditto minor of py.
falsely towards bottom contact.	"	779	242.8 - 247.8	Ultra Basic not calcd. talc stringers magnetic
209.5 - 231.6 - 40% Talc carbonate				
rather uniform bluish stringers of				
talc throughout (almost resembles				
an ultra basic in appearance not				
magnetic				
231.6 - 234.1 - light green m.g.				
Dunte Dike contacts chloritic				
234.1 - 237.3 - Talc calc as above				
graded (and to ultra basic) magnetic				
237.3 - 263.1 - light to dark grey stringers				
& bluish of talc throughout				

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COSHING WILKINS GOLD MINES LIMITED

LATITUDE		STARTED		FINISHING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DEP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
Hl. felsose Hl. magnetic very volcanic very sil. sand does not diss. with 10% HCl. (Ultra Basic)?							
263.1 - 263.8 Hl. chloritic altered probably Quartz Dike							
272.0 - 272.0 Ultra Basic as above							
272.0 - 277.0 Hl. altered Sd + Cord. matrix Volcanic. 40% Sd Cord. 1 mm or 1/4" Bull qtz stringer							
Hl. chloritic with blks of talc (277.0 - 540.5) intermediate Volcanics							
Dacite. Lead ore to Buff sections upto 20% Sd cord. py throughout (cubes)							
Sections upto 10% py over 2" probably in area of main zone.							
Angles constant @ 60° - LCA.							
Minor rowns black line fractures.							
Core ground at (333.8 - 334.1)							
(356.7 - 356.6)							
(424.5 - 425)							
(440.5 - 441)							
(444.0 - 445)							

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COCHENOUR WILKINS GOLD MINES LIMITED

PATIENCE DEPARTURE		STARTED COMPLETED		BEARING DIP		D.B. HOLE NO. LOCATION	
ELEVATION		H.D. V.D.		DEPTH		FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
(456.5 - 457)		T <sub>r</sub>	990	541 - 546.		60% Carb. Sild. minor yellow speck	
(462.5 - 463)						+ Buff alteration. 2% py. minor chloritic	
(478.5 - 479)						+ Botitic stungus	
(485.5 - 486.0)		"	991	546 - 551.		Ditto.	
(497.5 - 498.0)		"	992	551 - 556.		50% Carb. Sild. 2% py. Botitic stungus agglom type alteration	
Old section slightly waxy with carbonate + rust staining.						Buff alteration.	
521.8. 2% ep. in very small silicified section. bluish gty.		"	993	556 - 561		Ditto plus 3" tourmaline stungus	
540.5. 541.3. - Hl. chloritic f.g.		"	994	561 - 566.		60% Carb. Sild. Buff alteration especially at contact sections basaltic fuses	
Somewhat altered probable. Quartz						alteration 20% Botitic stungus 2% py.	
Dike.		"	995	566 - 571		Ditto.	
541.3 - 560.1 - 50% Sild Carb. Volcanics as above. sections Hl. carb. upto 60% py cubes throughout minor chloritic + Botitic stungus minor.		"	996	571 - 574		↓	
buff + yellow speck alteration.		"	997	574 - 578.			
560.1 - 561.3 - altered + somewhat leached spherulitic fuses Dikes		"	998	578 - 580.4			
560.1 - 583.5. 50% Sild Carb. Volcanics as above: Hl. chloritic + Botitic - stungus throughout sections							

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CORREYVILLE WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED		BEARING		D.D. FILE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		R.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
Somewhat conglomerate alteration	py.	Tr	999.	580.4 - 583.9		60%	Sid Cabed 4% py.
veins throughout	2-4%	"	1000.	583.9 - 584.8		70%	Sid Cabed 4% py
583.5 - 584.7	Light green M.g	"	1.	588.7 - 590.5		70%	Sid Cabed BX sections 5% po
Diorite Dike M.d.	Sid Cabed py						py + cpy
veins throughout	up to 4% + my	"	2.	590.5 - 595.1		50%	Sid Cabed Biotite 4% py
blue etc. stringers		"	3.	595.1 - 597.7.		30%	Cabed sl. Sid py cubes Blebs +
584.7 - 586.6	70% Siderified Carbonate	"	4.	597.7 - 602.7		30%	Cabed sl. Sid 8% py Blebs +
4% py. 1% cpy.	Core ground in this section 585 - 586	"	5.	602.7 - 606.		50%	Sid Cabed 8% py Biotite +
586.6 - 587.4	Leached sphaerulitic						chloritic
Pump Dike		"	6.	606.0 - 608.6			Ditto
587.4 - 589.3	Dark green M.g	"	7.	608.6 - 613.6		30%	Cabed sl. Sid. py. Biotite + chloritic
Diorite Dike sl. cabed	Sid stringers	"	8.	613.6 - 618.6			Ditto
veins of py throughout	up to 4%	"	9.	618.6 - 621.9.		15%	Sid Cabed. qtz + tourmaline squiggly
589.3 - 590.5	70% Sid Cabed BX						Stringers py. cubes
with wuggy sections	5% Combined	"	10.	621.9 - 626.5		3%	qtz form minor py. po
Sulphides Py po + cpy	Fault Zone	"	11.	626.5 - 629.0		5%	qtz form. mainly irregular qtz
590.5 - 594.5	Volcanics as above						Stringers 4% po. py + Asp
(560.1 583.5)	Biotite + chloritic	" Tr	12.	629.0 - 631.5		50%	qtz form. 10% py Asp + po.
veins of py throughout							coarse Asp
1/2" 4l. chloritic	stringers @ 590.8	" .04	13.	631.5 - 634.0		40%	qtz form. 20% Asp (coarse) py
30° to L.C.A.	py cubes throughout	" Tr	14.	634.0 - 635.5.		30%	qtz form 4% py + 2% Asp

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COCHENOUR WILLIAMS GOLD MINES LIMITED

DATE TIME		STARTED		BEARING		D.I.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
contacts very distinct	possible fault	" Tr	15.	635.5 - 637.7		20% Sld Cabd. Biotite Stunges 4% py. po.	
584.5 - 595.1	Appears to be an altered Lamp Dike upper contact chlorite with cubes py throughout.	" "	16.	637.7 - 640.1		20% qtz tan. mainly Bull qtz. 4% po + py. minor Aspy.	
595.1 - 595.7	Dark green M.g. Quartz Dike - cubes of py. throughout	" "	17	640.1 - 642.6		15% qtz tan heavy tan. 4% po py. minor Aspy.	
595.7 - 602.7	Light - Dark grey Mod. Cabd. rather uniform in appearance talc carbonate. cubes of py. throughout biotite + Stunges of talc. Hl. magnetite (magnetite) possible Ulna Basic.	" "	18.	642.6 - 644.9		20% qtz tan 4% po py + minor Aspy.	
602.7 - 608.7	50% Sld Cabd. Bullish carbonate with Biotite + chlorite stunges sections almost talcose. 10% py. throughout. upper contact Hl. Sld Cabd.	" "	19.	644.9 - 647.1		30% qtz tan heavy tan 2% py. po.	
608.7 - 616.6	Talc carbonate as above Hl. magnetite (possible) Ulna basic py. throughout up to	" "	20	647.1 - 648.8		10% qtz tan (20% Sld Cabd) 4% py po + few smears cpy.	
		" "	21	648.8 - 651.3		20% qtz tan irregular qtz. 4% po py + cpy.	
		" "	22	651.3 - 653.8		10% qtz tan. 2% po py.	
		" "	23	653.8 - 656.2		30% qtz tan. 2% po py minor Aspy.	
		" "	24.	656.2 - 658.8		20% qtz tan. 2% po py	
		.06 "	25	658.8 - 661.3		15% qtz tan. 4% po py + Aspy.	
		Tr. 16	26.	661.3 - 663.2		10% qtz tan. 2% po py	
		" Tr	27	663.2 - 666.7		20% could Sld uniform	
		" "	28	666.7 - 669.		30% qtz tan 5% py po	

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COCHENOUR WILLIAMS GOLD MINES LIMITED

ATTITUDE		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC	GEOLOGY	
5% in sections		Tt	73	669.0 - 669.7	10% qtz	down	irregular Dias py po
616.6 - 617.0	Hl. chloritic Mod cald	"	74	669.7 - 672.1	20% Cald Sl.	Sld.	uniform.
Sld - Stungers	Quartz Dike	"	75	672.1 - 673.1	30% qtz	down	minor py po.
617.0 - 618.8	Talc Calc 30% Cald	.08	76	673.1 - 678.1	30% Cald Sl	Sld.	quite uniform.
Sld	gradational to Dacites	Tt	77	678.1 - 683.1	Ditto.		
618.8 - 621.9	Light grey. f.g.	"	78	683.1 - 686.6			
Dacites mod.	Sld Cald numerous	"	79	686.6 - 691.6	20% Cald Sld		2% py. cubes.
tiny minor	irregular squiggly	"	80	691.6 - 694.3	Ditto		
qtz	taurmaline Stungers	"	81	694.3 - 699.3	30% Cald sld	quite uniform.	3" section chlorite
621.9 - 626.4	Mainly light grey to				(Quartz Dike included)		
Buffish altered	→ sericitized	"	82	699.3 - 704.3	"Ditto"	plus 3" section	Hl. Sld Cald
granodiorite	with minor inclusions	"	83	704.3 - 709.3			
intermediate	Volcanics (Dacites)	"	84	710.0 - 715	30% Cald Sld	sections up to 3"	
626.4 - 635.1	Light grey - Buffish				Hl. sld Cald.	Sl. BX. as at 714.5	
Sericitid.	M.g. granodiorite fractured				to 714.8.		
randomly	with qtz + taurmaline py	"	85	715 - 720.	40% Cald Sld	fragm. minor py.	
po. Aspy.	in fractures minor cpy.	"	86	720 - 723.0	10% Cald Sl.	Sld	Stungers Babbé.
and possible	tellurides.						
635.1 - 637.6	Dacites as above with						
2% py. po.							
637.6 - 647.6	Granodiorite as above						
647.6 - 648.8	Dacites as above with						

PLOTTED \_\_\_\_\_

LOGGED \_\_\_\_\_

LAYED OUT \_\_\_\_\_

COCHENDOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED		BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC	GEOLOGY
at four fractures. 4% py + po							
648.8 - 659.7	Granodiorite as above						
659.7 - 660.0	Intermediate Volcanics						
	Dacite with qty of laminae 2% py po + Aspy						
660.0 - 662.9	Granodiorite as above						
662.9 - 666.8	Talc Carbonate						
	uniform in appearance Mod. Calc						
666.8 - 669.7	Granodiorite Stages						
669.7 - 672.0	Talc Carbonate rather						
	uniform 10-20% Calc Sld						
672.0 - 673.1	Granodiorite Stages						
	Heavy laminae + Bull quartz.						
673.1 - 686.7	Talc Calc as above						
	Sd. more Sld Calc upto 30%						
	in Section.						
686.7 - 694.3	Light to Dark grey						
	Splend. appearance somewhat						
	mottled like the Sd. mentioned.						
	Mod. Sld Calc Stages py cubes						
	upto 2% py in section. Probably						
	Monte Diabase? abundant Imp. Ocher						

PLOTTED \_\_\_\_\_

LOGGED   

LAYED OUT \_\_\_\_\_



COCHRAN WILLIAMS GOLD MINES LIMITED

MAGNITUDE		STARTED		BEARING		P.D. HOLE NO.	
DEPARTURE		COMPLETED		DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL GEOLOGY		OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
694.3. - 699.3. Tale carbonate as above. Sl. High % Carbd. Stunges + frags							
699.3. - 699.6. Hl. Chlorite altered Diorite Dike.							
699.6. - 708.6. Tale Carbonate as above with add 3" section Hl. Sld Carb upto 60% as at 702.4. , 706.3.							
contact Hl. Sld Carb. @ 60° L.C.A							
708.6. - 709.3. Light green. M.g. Diorite Dike. Sl. Sld Carb. with 1/4" Bull qtz + Carbonate Stunges. Minor py cubes throughout.							
709.3. - 719.9. Hl. Carb Mod. Sld. Tale carbonate. upto 40% Carb Sld. Stunges + frags 1-1" section. Sheared Carb. Bx at 716.4.							
719.9. - 723. Light grey Mod Carb Somewhat Beudantic Stunges of Carbonate. py cubes. Contact chloritic with py cubes Contact @ 65° - L.C.A						End of Hole.	723 feet.

PLOTTED \_\_\_\_\_

LOGGED   NH  

LAYED OUT \_\_\_\_\_

COCHENOUR WILLIAMS GOLD MINES LIMITED

KRL 93A-94EXT

LATITUDE 22+00 W

STARTED

BEARING Grid North

D.D.HOLE NO. SW-73 -16

DEPARTURE 1+00 S

COMPLETED

DIP -50°

LOCATION

ELEVATION

H.D. 490.8 V.D. 346.3 DEPTH 607.0

FILE

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0.0 - 137.0 - Sand, boulders & much sand, water, residue, washes sand up casing				
137.0 - 182.0 - Intermediate Meta Volcanic Dacite, light grey, fine grained, somewhat brecciated and "flattened", 5-8% silt carb stringers 2% scattered blebs of 0.0 occasional sp in silt carb blebs				
137.0 - 150.0 - Hly leached, rough & broken up, coarse, needed cementing				
182.0 - 188.0 - Medium Chlorite Dk Dacite?, dark grey, fine grained, hly chlorite, highly "flattened" 10% silt-carb blebs & impure stringers 1-2% occasional sp in silt carb				
188.0 - 372.0 Intermediate Meta Volcanic Dacite as above slightly more chlorite in per section				

PLOTTED

*[Signature]*

LOGGED

*[Signature]*

LAYED OUT

*[Signature]*

COCHENOUR WILLIAMS GOLD MINES LIMITED

EXT

BATITUDE	STARTED	BEARING		D.D.HOLE NO.
DEPARTURE	COMPLETED	DIP - 50°		SW-73-16
ELEVATION	H.D.	V.D.	DEPTH	FILE

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
Level at approximately 45° ←				
low grade, fine grained	.34	312	372.1	60% at 2-ounce, 5-8' assay
occasional pyrite	.74	314	373.9	30% " " 15' assay 1 spec V.G. in assay
fine + medium grained pyrite	1.20	315	374.5	60% " " " "
5-8% silty calc. min. py. po	.04	316		10% silty shingle
occasional pyrite	.04	317		High Silty mass. 20% low 5' assay
	.06	318		" " " " " " " "
372.0 - 384.0 - Greenish	Tr	319		Valerian
25-30% high altered host - pyrite	"	320		" " " " 20% silty
high silty & silty 50%	.04	321		" " " " 10% "
small rounded pyrites, 5%	Tr	322		" " " " " "
heavy shingles & high coarse	"	323		Valerian
small pyrite	?	324		60% mass. 15% silty coarse V.G.
174.0 - 1 spec V.G. in a	"	325		Valerian 10% silty
clasts of arsenopyrite crystals				
(with very coarse)				
384.0 - 385.9 - Yellow intermediate				
fine Valerian				
385.9 - 390.4 - 60% Yellow				
low 30% arsenopyrite				
10% silty shingle - 1% assay				

PLOTTED

LOGGED

LAYED OUT

COCHENOUR WILLIAMS GOLD MINES LIMITED

D.D.HOLE NO. SW-73-16

LATITUDE		STARTED	BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION	H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
392.4	-395.2 - Alterd lava	Tr	595	433.5	432.5	
	5% silt section	"	596		443.5	
		"	597		448.5	
395.2	-398.5 - Considered & Decent	"	598		453.5	
	10% silt section	"	599		460.5	
396.8	Alterd lava 4.6 in silt	"	600	460.5	464.5	
	stringer	"	601		468.2	
		"	602		475.0	
398.5	-510.2 - Mafic Mts Valerius	"	603		480.0	
	Alterd, by chlorite & biotite moderately	"	604		484.7	
	these in sections 15-20%	"	605		489.7	
	blebs & stringers silt carbonif	"	606		494.7	
	2-3% blebs & fine stringers per	"	607		500.0	
		"	608		505.0	
510.2	-513.8 - Lamp Dk	"	609		510.2	
	medium grey-green, medium grained,					
	moderately fairly massive					
513.8	-607.0 - Mafic Mts Valerius					
	probable, medium brownish green,					
	line quartz all labeled at 60-70%					
	low ore chlorite & biotite					
	10-15% silt carb stringer					

607.0 F DOTTED & f Lab

LOGGED

LAYED OUT

LATITUDE	18+00W	STARTED	BEARING	Grid North	D.D.HOLE NO.	SW-73-17
DEPARTURE	1+00S	COMPLETED	DIP	-50°	LOCATION	
ELEVATION		H.D. 353.0 V.D. 362.9	DEPTH	507	FILE	

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0.0 - 91.0 Casing - sand, quartz sand boulders			5	Sludges: 270 - 290 .04 310 .04
91.0 - 264.9 Intermediate Meta Volcanics (Dacite) medium grey fine grained, sheared + tabulated				350 - 370 .06 390 - 410 .08 450 - 470 .04
264 - 160.0 volcanics no sheet. rhyolite in sections due to leaching of minor sulfide & a hard core on the whole is broken up.				- 507 .04
occasional small traces of pyrite minor sulfidation. Stannous occasional veins with hematite staining.				
a gradual increase in chloritization noted from approximately 220.0 to approximately 235.0 the chloritization is quite pronounced, this is also accompanied by carbonization				
higher degree of ironing and a slight increase in sulfidation				
218.9 - 219.5 Major Dk				

PLOTTED

RB

LOGGED

LOP

LAYED OUT

ALP

COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.		
DEPARTURE		COMPLETED	DIP		LOCATION		
ELEVATION		H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY	
269.9	- 269.0	Tr	Tr	995	264.9	269.0	W. altered volcanics
	269.0	"	"	996	269.0	270.8	large dol.
	269.0	"	"	997	270.8	273.5	W. altered volcanics & quartzite
269.0	- 270.8						
270.8	- 271.2						
271.2	- 272.7						
272.7	- 273.5						

PLOTTED \_\_\_\_\_

LOGGED \_\_\_\_\_

LAYED OUT \_\_\_\_\_

COCHINOUR WILMERS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION	H.D.	V.D.	DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC	GEOLOGY
273.5	- 275.8	Granite	.08 .24	998	273.5 - 276.0	granite with 20% quartz
		as before	.06 .12	999	276.0 - 278.4	altered volcanic
		fracture 1-2% coarse arsenic	.04 Tr	1000	278.4 - 280.0	granite
		small smelt V.G.	Tr Tr	1	280.0 - 283.8	
		quartz fracture	" "	2	283.8 - 289.0	
275.8	- 278.4	Altered				
		volcanic as before				
		1-2% coarse arsenic				
		fracture				
278.4	- 280.0	Granite				
		as before				
		10% quartz fracture				
		mainly quartz				
280.0	- 289.0	Altered				
		volcanic				
		20% - 25% Sds				
		20% Sds calc. chert & bit. id				
		mainly moderately 3-4% scattered				
		by cracks, minor quartz fracture				
		fractures				

PLOTTED \_\_\_\_\_

LOGGED \_\_\_\_\_

LAYED OUT \_\_\_\_\_

COCHINOUR WILLANS GOLD MINES LIMITED

D.D.HOLE NO. SW-73-17

ELEVATION		STARTED		BEARING		D.D.HOLE NO.		
DEPARTURE		COMPLETED		DIP		LOCATION		
ELEVATION		H.D.		V.D.		DEPTH		
GENERAL GEOLOGY		OUNCES		NO.		FOOTAGE		
						ECONOMIC GEOLOGY		
289.0	- 290.2	Lamp Dk	Tr	Tr	3	290.2	- 293.0	ly side cald, ly mmp'd 2-4%
		mod. s.s. - med. gravel	"	"	4		- 295.8	" " " " "
		moderately l. l. 2% py crystals	"	"	5		300.7	
		disseminated throughout	"	"	6		305.7	
			"	"	7		310.7	
290.2	- 341.0	ly altered	"	"	8		315.7	
		Met. Volcanic	"	"	9		320.0	
		50-60% silt & carb	"	"	10		325.1	
		30-40% chlorite & biotite in matrix	"	"	11		330.2	
		secton & whiskers, 3-5% scattered	"	"	12		335.3	
		py crystals moderate	"	"	13		340.7	
		highly mmp'd in sections	"	"	14		345.1	50% silt carb 40% buff alter. 2% occ aspy.
		gradual gradation into a	"	"	15		350.8	
		buff altered silt carb unit	"	"	16		355.8	
			"	"	17		360.6	
341.0	- 367.0	Silt Carb 3no.	"	"	18		362.8	50% tumbled fraction
		40-50% buff alter meta	"	"	19		367.0	50-60% silt carb, 40% buff alter.
		volcanic, minor biotite shales						
		1-2% scattered py crystals						
		occasional aspy						

PLOTTED \_\_\_\_\_

LOGGED \_\_\_\_\_

LAYED OUT \_\_\_\_\_



COCHENOUR WILLIAMS GOLD MINES LIMITED

S-W-73-17

LATITUDE		STARTED	BEARING		D.D. HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
367.0 - 368.3	Degrite Dike	Tr	20	368.2	- 370.5	60% silt carb. - 10% brownish mica aspy
	dal 900	"	21		375.5	" " " " " "
		"	22		380.2	" " " 20% " " "
368.3 - 384.6	S.W. Co. 2nd	"	23		385.8	
	60% silt carb. 15% mica	"				
	15% chlor & talc	"	24		391.0	
	2% mica aspy in cluster	"	25		395.7	
	"	"	26		400.7	
384.6 - 431.6	Talc Carbonat.	"	27		415.7	
	60-70% talc - 30% carbonat.	"	28		410.7	
	well laminated sh. structure.	"	29		415.8	
420 - 431.6	40% carbonat.	"	30		420.8	
	well 1-2% py	"	31		425.8	
		"	32		431.6	
431.6 - 437.0	Calcs & Silt underneath.	"	33		437.0	
	60% - 70% chlorite & biotite lava.					
	30% silt carb. shiner & blbr					
	5% quartz granitic					

PLOTTED \_\_\_\_\_

LOGGED \_\_\_\_\_

LAYED OUT \_\_\_\_\_

COCHENOUR WILLIAMS GOLD MINES LIMITED

ATTITUDE

STARTED

BEARING

D.D.HOLE NO.

Sw 73-17

DEPARTURE

COMPLETED

DIP

LOCATION

ELEVATION

H.D.

V.D.

DEPTH

FILE

GENERAL

GEOLOGY

OUNCES

NO.

FOOTAGE

ECONOMIC

GEOLOGY

437.0 - 507.0 - Moderately calcified  
 lava of V. ...  
 2-1/2 ...

450 - 455 - ...  
 ...  
 ...

449.3 - 450.3 - Dia. D.K.

470 - 507 - Moderately ...  
 lava.

507.0 Foot of Hole

PLOTTED \_\_\_\_\_

LOGGED \_\_\_\_\_

LAYED OUT \_\_\_\_\_

COCHENOUR WILLIAMS GOLD MINES LIMITED

KRL 93A-94

LATITUDE	18+50 W	STARTED	10/9/73	BEARING	Grid North	D.D.HOLE NO.	SW-73-18
DEPARTURE	0+50 S	COMPLETED	14/9/73	DIP	-70°	LOCATION	
ELEVATION		H.D.	142.1	V.D.	341.6	DEPTH	375'

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
0.0 - 37.0. (Acum sandstone silt. sand, water column, no section)	Tr	326	395.3	301.4
	"	327		306.4
	"	328		312.8
37.0 <sup>20"</sup> 295.8 Intermediate (M. to volcanic acidic) chert, in. small, irregular shard & lenticled at approximately	"	329		315.7
	"	330		320.6
	"	331		325.5
5-4m Core area, moderately leached 37m - 135m - leached, waxy, blocky as well as quartz crystals, trace of acc. spg occasional pillow rim & concretion pillow rim structures 3-5% silt - carb stringers				
250.0 - 295.8 - gradual increase in alteration				
295.8 - 327.4 11 Chlor-Talc - Silt Carb Mud Uth. Basic 40-45° silt & carb'd. 50% alteration & bi-tit. talc structures. 10% small altered volcanics. 2-4% hematite trace of Mn min sp. Pa acc. spg				

Hard test  
150' -67°  
300' -67°  
375' -65°

PLOTTED RB LOGGED MLC LAYED OUT MLC

COCHENOUR WILLANS GOLD MINES LIMITED

ELEVATION		STARTED	BEARING		D.D.HOLE NO.
DEPARTURE		COMPLETED	DIP		LOCATION
ELEVATION		H.D.	V.D.	DEPTH	FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
327.4 - 328.0	Lamp Dike brownish, medium, irregular, mottled massive, sharp contact				
328.0 - 329.2	Silt Calc 7: silt calc, 3: silt & bluish lime, 3: silt				
329.2 - 329.5	Lamp Dike as above.				
329.5 - 330.8	Silt Calc as above.				
330.8 - 331.2	Lamp Dike as above.				
331.2 - 332.7	Silt Calc as above.				
332.7 - 333.0	Lamp Dike as above.				

PLOTTED \_\_\_\_\_

LOGGED \_\_\_\_\_

LAYED OUT \_\_\_\_\_

COCHENOUR WILLIAMS GOLD MINES LIMITED

LATITUDE		STARTED	BEARING		D.D.HOLE NO.	
DEPARTURE		COMPLETED	DIP		LOCATION	
ELEVATION		H.D.	V.D.	DEPTH		FILE
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE		ECONOMIC GEOLOGY
333.0 - 337.2	Silt Carb	Tr	380	325.0	327.4	
	as above	"	381		330.0	
		"	382		332.3	
337.2 - 342.0	Quartz. detrit	"	383		335.0	
	as above fine shaly masses	"	384		337.2	
		"	385		339.9	
342.0 - 349.0	Gran. detrit. Det.	"	386		342.0	
	detrit. quartz, mica, calcite	.04	387		344.4	Granodiorite
	20% mica 15% quartz & limonite	Tr	388		346.9	"
	limonite	.04	389		349.5	" 20% quartz
		Tr	390		354.0	
349.0 - 362.8	Hly Altered Lava	"	391		359.0	
	40% silt - carb, 50% chert	"	392		362.8	
	Trace horn, 3% quartz	"	393		365.8	Granodiorite 10% quartz
		"	394		368.0	" 5% " "
362.8 - 370.0	Gran. detrit. Det.	.06	395		369.4	
	as above 9% quartz - limonite	Tr	396		373.8	
	limonite	"	397		375.0	
370.0 - 375.0	Hly Altered Volcanics					
	as 2.490 - 272.8					
375.0	Foot of hole					

PLOTTED \_\_\_\_\_

LOGGED \_\_\_\_\_

LAYED OUT \_\_\_\_\_

COCHENOUR WILLANS GOLD MINES LIMITED

AXT KRL 93A-94

LATITUDE 27° 50' N STARTED \_\_\_\_\_ BEARING 090/100 D.D. HOLE NO. SW-72-100  
 DEPARTURE 1400N COMPLETED \_\_\_\_\_ DIP \_\_\_\_\_ LOCATION \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ H.D. 148.7 V.D. 367.1 DEPTH \_\_\_\_\_ FILE \_\_\_\_\_

GENERAL GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY
<u>Calcareous sandstone</u>	Tr	Tr	<u>51.3</u>	
	"	"	<u>61.1</u>	
	"	"	<u>65.0</u>	
<u>3-5' calcareous sandstone</u>	"	"	<u>61.3</u>	
	"	"	<u>61.4</u>	
<u>massive calcareous sandstone</u>	"	"	<u>61.5</u>	
<u>3-5' calcareous sandstone</u>	"	"	<u>61.6</u>	
<u>calcareous sandstone</u>	"	"	<u>61.7</u>	
	"	"	<u>61.8</u>	
<u>165.0 - 165.0 Intermediate Micro lacunoid</u>	"	"	<u>61.9</u>	
<u>massive calcareous sandstone</u>	"	"	<u>62.0</u>	<u>Net Volcanic</u>
<u>fine grained calcareous sandstone</u>	"	<u>.34</u>	<u>62.1</u>	
<u>30' calcareous sandstone 5-8' silty</u>	Tr	Tr	<u>62.2</u>	
<u>calcareous sandstone with 2-5' silty</u>	"	"	<u>62.3</u>	
<u>calcareous sandstone</u>	"	"	<u>62.4</u>	<u>10% S-C 5% py</u>
	"	"	<u>62.5</u>	<u>5% S-C</u>
<u>165.0 - 227.0 Crinoid</u>	"	"	<u>62.6</u>	<u>5% S-C</u>
<u>large banded calcareous sandstone</u>	"	"	<u>62.7</u>	<u>5% S-C</u>
<u>5-8' calcareous sandstone 3-6' silty</u>	"	"	<u>62.8</u>	<u>5% S-C</u>
<u>calcareous sandstone</u>	"	"	<u>62.9</u>	<u>5% S-C</u>
<u>massive calcareous sandstone</u>	"	"	<u>63.0</u>	<u>5% S-C</u>
<u>fine grained calcareous sandstone</u>	"	<u>.15</u>	<u>63.1</u>	<u>10% blue grt</u>

PLOTTED KB LOGGED \_\_\_\_\_ LAYED OUT \_\_\_\_\_

COCHENOUR WILLANS GOLD MINES LIMITED

ELEVATION		H.D.		V.D.		DEPTH		FILE	
GENERAL GEOLOGY		OUNCES		NO.		FOOTAGE		ECONOMIC GEOLOGY	
173.8	6-3	specks	V.G.	Tr	Tr	632	145.0	150.0	Volcanics 5' S-C.
.05'		into	bedded	"	"	633		155.0	" " "
196.5-197.0		green	Aspects V.G.	"	"	634		160.0	10' blue OTZ.
223.5-224.0		70'		"	"	635		164.0	5' S-C.
				"	"				
				"	"	636	164.0	166.5	3' grey-brown 3-6' on top, assay
227.0-228.3		matrix	with Volcanics	"	.10	637		169.0	5'
		mod. fine	matrix	Tr	.04	638		171.5	5-8'
		5' S-C		1.08	.24	639		174.0	20' 6-8 specks V.G.
239.0-239.3		matrix	siliceous	Tr	Tr	640		176.5	20'
		trace	of ss. cps	"	"	641		179.0	8'
		V.G.		"	"	642		181.5	15-20'
				"	.06	643		184.0	5'
218.3-222.0		consider	to det	.28	Tr	644		186.5	2'
		matrix	matrix	Tr	Tr	645		189.0	10'
		matrix	5' matrix	1.52	1.88	646		191.5	30' dense specks V.G.
				.04	Tr	647		194.0	15'
222.0-35.5		matrix	with Volcanics	Tr	.04	648		196.5	20'
		at	all bedded	.04	Tr	649		199.0	10' V.G.
		Si	into structure	.04	Tr	650		201.5	5' coarse assay
		occasional	matrix	.20	.12	651		204.0	20'
				.30	.10	652		206.5	" "

PLOTTED \_\_\_\_\_ LOGGED \_\_\_\_\_ LAYED OUT \_\_\_\_\_

COCHENOUR WILLANS GOLD MINES LIMITED

ELEVATION		H.D.		V.D.		DEPTH		FILE	
GENERAL	GEOLOGY	OUNCES	NO.	FOOTAGE	ECONOMIC GEOLOGY				
356.0 - 388.5	- Dunit's Det	Tr	Tr	653	206.5	210.0	15"	2-2% ass.	
		.08	.04	654		211.5	20"		
		Tr	Tr	655		214.0	20"		
		"	"	656		216.5	5"		
357.0 - 392.0	Tale to level	.04	.18	657		219.0	10"		coarse ass. in det.
60-70	to 20-40% calc	Tr	Tr	658		221.5	3"		
	1/2 calc to 1/2 at 25"	.36	.16	659		224.0	60"	10% ass.	
		1.04	.04	660		226.5	5"		
		Tr	Tr	661		229.0	5"		
396.0	Foot of H.D.	.04	Tr	662		231.5	10"		
		Tr	Tr	663	231.5	239.0			
		"	"	664		239.5			Set out fracture property 1 spec V.C.
		"	"	665	300	305.0			
		"	"	666		310.0			
		"	"	667		315.0			
		"	"	668		320.0			
		"	"	669		325.0			
		"	"	670		330.0			
		"	"	671		335.0			
		"	"	672		340.0			
		"	"	673		345.0			

PLOTTED \_\_\_\_\_

LOGGED \_\_\_\_\_

LAYED OUT \_\_\_\_\_



COCHENOUR WILLANS GOLD MINES LIMITED

AZIMUTH

STARTED

BEARING

D.D.HOLE NO.

SL-73-11

DEPARTURE

COMPLETED

DIP

LOCATION

ELEVATION

H.D.

V.D.

DEPTH

FILE

GENERAL

GEOLOGY

OUNCES

NO.

FOOTAGE

ECONOMIC

GEOLOGY

Tr Tr

274

345

" "

275

355.0

" "

276

268.5

273.5

Good limit

.10 "

277

278.5

TF Tr

278

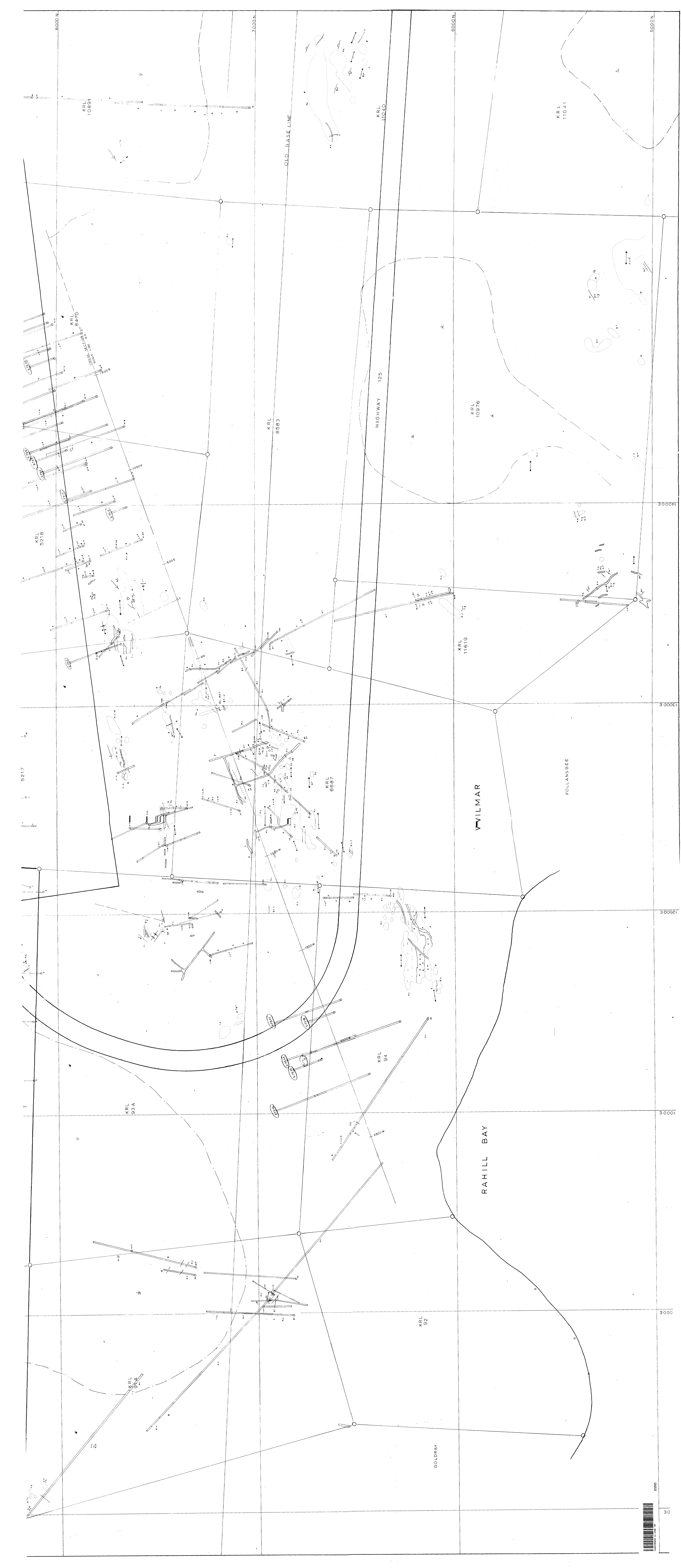
207.0

PLOTTED \_\_\_\_\_

LOGGED \_\_\_\_\_

LAYED OUT \_\_\_\_\_





KRL 10891

KRL 8470

KRL 5218

KRL 8593

KRL 10976

KRL 11041

KRL 11619

KRL 6687

KRL 93A

KRL 94

KRL 92

KRL 51A

OLD BASE LINE

HIGHWAY 125

RAHILL BAY

VILMAR

FOLLANSBEE

GOLDRAY



8808  
0E