



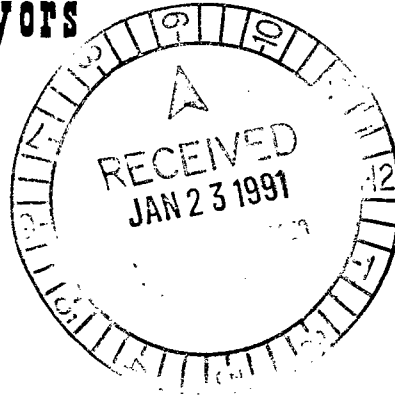
# THOMSON & AUCOIN

Professional Surveyors

019672

PETER E. THOMSON, C.L.S., B.C.L.S.  
GABRIEL AUCOIN, C.L.S.

January 23, 1991



Our File: 3038

Curragh Resources  
117 Industrial Road  
Whitehorse, Yukon  
Y1A 2T8

Attention: Janet Nyberg

Dear Ms. Nyberg:

Re: Drill Hole Layouts in the Vangorda Area, Faro, Yukon

At the request of John Zbeetnoff by phone on January 10, a two-man crew was sent to Faro from the period of January 13, to 18 in order to layout collar and target locations.

The U.T.M. coordinates for the different locations is attached for your information.

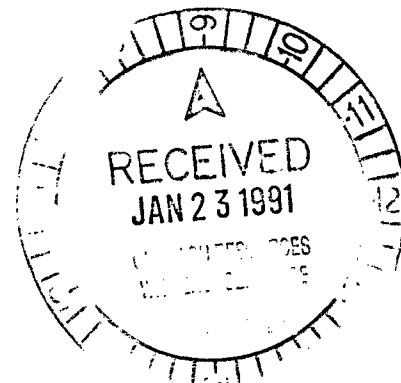
We also enclose our Invoice for work performed, for your kind attention. Please do not hesitate to contact the writer should you have any questions.

Yours very truly,

Gabriel Aucoin, C.L.S.

GA:mud  
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Encls.



## Jan. 14 to 18, 1991 Drill Hole Layouts

No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
15	6901166.0	597629.1	1062.0	COLLAR BI
16	6901186.0	597600.0	1070.3	TARGET BI
17	6901218.0	597498.0	1087.0	COLLAR BG
18	6901236.0	597464.0	1090.4	TARGET BG
19	6901153.0	597469.0	1101.2	COLLAR BH
20	6901180.0	597439.0	1104.2	TARGET BH
21	6901105.0	597634.0	1060.2	COLLAR BK
22	6901130.0	597600.0	1072.0	TARGET BK
23	6900755.5	597434.0	1105.3	COLLAR CB
24	6900791.0	597423.0	1108.0	TARGET CB
25	6900734.5	597506.0	1091.1	COLLAR CA
26	6900770.0	597495.0	1096.6	TARGET CA
AZIMUTH				
	TH640 TO COLLAR CF	314* 41'		
	TH642 TO COLLAR CC	2* 42'		
27	6900595.5	597471.5	1092.9	COLLAR CF (as built)



# THOMSON & AUCOIN

Professional Surveyors

PETER E. THOMSON, C.L.S., B.C.L.S.  
GABRIEL AUCOIN, C.L.S.

December 21, 1990

Our File: 3038 & 3105

Curragh Resources  
117 Industrial Road  
Whitehorse, Yukon  
Y1A 2T8

Attention: Janet Nyberg

Dear Janet:

Re: Legal Survey of Gale 25, Gale 27, Rich 36 and Rich 37 mineral claims, and various drill hole ties and layouts, Vangorda Area, Faro, Yukon

We have completed inputting the new drill holes onto an ASCII file and have amended our drill hole drawing. We have also added the four new mineral claims to the mineral claim drawing file. Updated files on disks are enclosed. Please replace all previous files with these new files.

Also, please advise Lee Pigage that we have made a coordinate tie to the northwest corner of the claim blocks and have adjusted the claims accordingly. A shift of almost 9 metres was required.

A listing of all drill holes is attached as well as a listing of target and collar layouts which were done for John in Faro. He has most of this information already but he should be sent a copy of this final listing for his records.

Please note that we checked drill hole 80 x 12 but could not find 80 x 10. DH 80 x 12 has an error in the elevation but the coordinates are o.k. The elevation should have been 1138.3 instead of 1133.3. I suspect a 3 was substituted for an 8. We have also dug up some old field notes from the North West Survey files which we have. DH 80 x 10 was tied in originally by their crews, but not 80 x 12. The coordinates for 80 x 10 are the same as computed by North West Survey.

The legal survey plans are now being drafted and will be processed through the Regional Surveyor's office for registration. I have enclosed our invoices for work performed to date, for your kind attention.

December 21, 1990

- 2 -

3038 & 3105

We would like to take this opportunity to thank you for allowing us to be of service to you in this matter. Should you have any questions, please do not hesitate to contact the writer.

Yours very truly,

A handwritten signature in cursive script, appearing to read "Gale Aucoin".

Gabriel Aucoin, C.L.S.

GA:mud

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Encls.

NORTHING	EASTING	ELEVATION	STATION
6900810.0	597745.0	1045.0	TARGET C
6900768.6	597774.6	1034.2	COLLAR C

LAR C TO TARGET C AZ. 324°28' 50.9 METRES

6900394.0	597702.0	1011.7	TARGET D
6901227.0	597649.0	1056.0	COLLAR BD
6901245.0	597627.0	1061.1	TARGET BD

LAR BD TO TARGET BD AZ. 309°17' 28.4 METRES

6901042.0	597676.5	1045.7	COLLAR BE
6900996.53	597661.18	1057.1	SURVEY STA. 625

LAR BE TO STA. 625 AZ. 198°37' 48.0 METRES

6900594.5	597466.0	1093.2	COLLAR CF
6900630.0	597455.0	1097.6	TARGET CF

6900645.5	597557.0	1081.6	COLLAR CC
6900681.0	597546.0	1085.3	TARGET CC

6901153.0	597632.0	1062.1	COLLAR BA
6901172.0	597607.0	1068.6	TARGET BA

6900749.0	597568.0	1079.1	TARGET CD
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DY DDH LOCATIONS									
HOLE- ID	UTM-NORTHING			UTM-EASTING			ELEVATION		
	IN DBASE	SURVEYED	VAR.	IN DBASE	SURVEYED	VAR.	IN DBASE	SURVEYED	VAR.
76X21	901,428.0	901,429.33	(1.3)	596,612.4	596,612.39	0.0	1,192.3	1,192.29	0.0
77X01	901,505.0	901,504.78	0.2	596,686.4	596,686.45	(0.0)	1,185.5	1,185.46	0.0
77X02	901,681.0	901,682.06	(1.1)	596,844.5	596,844.54	(0.0)	1,183.0	1,183.03	(0.0)
77X03	901,348.0	901,349.22	(1.2)	596,876.0	596,875.97	0.0	1,188.5	1,188.48	0.0
77X05	901,296.0	901,295.78	0.2	597,116.1	597,116.05	0.0	1,161.2	1,161.17	0.0
77X06	901,158.0	901,158.41	(0.4)	597,593.3	597,593.28	0.0	1,075.2	1,075.22	(0.0)
77X07	900,968.0	900,968.18	(0.2)	598,165.4	598,165.44	(0.0)	1,015.6	1,015.57	0.0
77X08	901,412.0	901,412.52	(0.5)	597,699.1	597,699.14	(0.0)	1,046.2	1,046.20	0.0
77X09	900,896.0	900,896.16	(0.2)	597,591.4	597,591.43	(0.0)	1,081.0	1,081.01	(0.0)
77X10	900,633.0	900,633.60	(0.6)	598,073.1	598,073.22	(0.1)	961.4	961.43	(0.0)
77X11	900,624.0	900,623.41	0.6	597,509.1	597,509.19	(0.1)	1,091.1	1,091.13	(0.0)
77X04	901,169.0	901,169.74	(0.7)	596,709.0	596,709.03	(0.0)	1,185.8	1,185.83	(0.0)
78X01	901,232.0	901,232.69	(0.7)	597,306.6	597,306.59	0.0	1,127.3	1,127.27	0.0
78X02	901,014.0	901,013.99	0.0	597,559.3	597,559.27	0.0	1,083.7	1,083.67	0.0
78X03	901,307.0	901,306.65	0.3	597,631.3	597,631.31	(0.0)	1,057.7	1,057.66	0.0
78X04	901,123.0	901,123.31	(0.3)	597,733.6	597,733.74	(0.1)	1,039.1	1,039.11	(0.0)
78X05	901,302.0	901,302.17	(0.2)	597,325.3	597,325.33	(0.0)	1,113.9	1,113.88	0.0
78X06	901,937.0	900,936.82	1,000.2	597,848.4	597,848.38	0.0	1,008.1	1,008.11	(0.0)
78X07	901,409.0	901,409.08	(0.1)	597,041.1	597,041.07	0.0	1,169.1	1,169.12	(0.0)
78X08	901,531.0	901,584.66	(53.7)	596,780.8	596,780.83	(0.0)	1,179.5	1,179.49	0.0
78X09	901,265.0	901,265.28	(0.3)	597,475.4	597,475.41	(0.0)	1,083.3	1,083.29	0.0
78X10	901,374.0	901,373.83	0.2	597,344.1	597,344.12	(0.0)	1,105.3	1,105.32	(0.0)
78X11	901,080.0	901,080.26	(0.3)	597,581.8	597,581.79	0.0	1,072.1	1,072.10	0.0
79X01	901,160.0	901,160.15	(0.2)	597,289.3	597,289.28	0.0	<del>1,164.1</del>	✓ 1,135.96	28.1
79X02	901,048.0	901,047.98	0.0	597,720.6	597,720.55	0.0	1,036.4	1,036.42	(0.0)
79X03	901,019.0	901,019.03	(0.0)	597,251.5	597,251.50	0.0	1,140.0	1,140.01	(0.0)
79X04	900,977.0	900,978.13	(1.1)	597,708.8	597,708.76	0.0	1,042.8	1,042.80	0.0
79X05	900,902.0	900,902.43	(0.4)	597,714.5	597,714.51	(0.0)	1,048.4	1,048.40	0.0
79X06	901,129.0	901,128.96	0.0	597,124.1	597,124.19	(0.1)	1,161.7	1,161.73	(0.0)
79X07	901,180.0	901,181.01	(1.0)	597,665.0	597,664.98	0.0	1,052.7	1,052.74	(0.0)
79X08	901,342.0	901,342.63	(0.6)	597,181.0	597,180.97	0.0	1,146.5	1,146.50	0.0
79X09	901,124.0	901,124.80	(0.8)	597,432.3	597,432.32	(0.0)	1,105.2	1,105.18	0.0
79X11	901,057.0	901,057.00	0.0	597,102.9	597,102.93	(0.0)	1,163.0	1,163.01	(0.0)
79X12	901,166.0	901,166.62	(0.6)	596,987.6	596,987.64	(0.0)	1,175.5	1,175.48	0.0
79X13	900,819.0	900,818.47	0.5	597,200.5	597,200.53	(0.0)	1,138.5	1,138.49	0.0
79X14	900,987.0	900,987.66	(0.7)	597,083.6	597,083.64	(0.0)	1,164.5	1,164.46	0.0
79X15	901,483.0	901,483.63	(0.6)	597,053.9	597,053.92	(0.0)	1,158.6	1,158.59	0.0
79X16	900,726.0	900,725.91	0.1	597,303.1	597,303.11	(0.0)	1,118.5	1,118.46	0.0
79X17	901,308.0	901,309.04	(1.0)	597,533.6	597,533.64	(0.0)	1,069.4	1,069.35	0.1
79X18	900,920.0	900,919.44	0.6	597,223.1	597,223.22	(0.1)	1,141.8	1,141.75	0.0
80X01	901,092.0	901,092.07	(0.1)	596,975.1	596,975.09	0.0	1,174.7	1,174.72	(0.0)
80X02	900,721.0	900,722.05	(1.1)	597,167.8	597,167.75	0.1	1,130.0	1,130.00	0.0
80X03	901,571.0	901,571.85	(0.8)	596,623.9	596,623.88	0.0	1,186.3	1,186.34	(0.0)
80X04	900,862.0	900,863.13	(1.1)	597,060.4	597,060.42	(0.0)	1,151.9	1,151.94	(0.0)
80X05	900,611.0	900,611.25	(0.3)	597,291.5	597,291.45	0.1	1,109.3	1,109.28	0.0
80X06	900,560.0	900,559.90	0.1	597,171.1	597,171.18	(0.1)	1,116.8	1,116.76	0.0
80X07	900,526.0	900,526.00	0.0	597,433.1	597,433.10	0.0	1,088.0	1,088.00	0.0
80X08	900,521.0	900,521.60	(0.6)	597,266.9	597,266.90	0.0	1,101.8	1,101.80	0.0
80X09	900,811.0	900,811.00	0.0	597,344.9	597,344.90	0.0	1,120.1	1,120.10	0.0
80X10	900,401.0	900,462.30	(61.3)	597,151.4	597,151.40	0.0	1,110.0	1,110.00	0.0
80X11	900,910.0	900,910.10	(0.1)	597,374.8	597,374.80	0.0	1,120.4	1,120.40	0.0
80X12	<del>900,700.0</del>	900,670.86	29.1	597,017.1	597,017.18	(0.1)	<del>1,123.3</del>	✓ 1,137.32	(4.0)
80X13	900,409.0	900,410.33	(1.3)	597,385.9	597,385.87	0.0	1,066.0	1,065.97	0.0
EA81X01	900,425.0	900,426.28	(1.3)	597,237.8	597,237.75	0.1	1,090.3	1,090.31	(0.0)
EA81X02	900,513.0	900,514.06	(1.1)	597,734.1	597,734.14	(0.0)	1,036.7	1,026.67	10.0
EA81X03	900,036.0	900,365.56	(329.6)	597,073.5	597,073.48	0.0	1,104.6	1,104.63	(0.0)

denotes variance of 1 metre or more

Note: still require confirmation of UTM-Northings on 80X10 and 80X12, and Elevation on 80X12