

019202

SUMMARY REPORT FOR
90DY-04-DS
DY PILOT HOLE

WEEK ENDING SEPTEMBER 28, 1990

FOR: Gregg Jilson
Vice President, Exploration
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Whitehorse, Yukon
Y1A 2T8

By: John Zbeetnoff

September 27, 1990

INTRODUCTION

Diamond drill hole 90DY-04-DS has been stopped at a cored to an HQ depth of 1870'. The hole has been stopped at this depth because of excessive deviation. A further 20' has been cored with NQ. This 20' NQ interval will be used as a collar for the down hole motor. The motor is scheduled to correct the trajectory of the drill hole this weekend. Figure 1 displays the trace of 90DY-04-DS to a depth of 1890'.

STATUS

At a cored depth of 1890' the 90DY-04-DS is an estimated 15' from the centerline of the hole collar. To maximize the interval of the hole which exists within the eight foot radius designated as the shaft volume, the shaft centerline has been relocated 1.75 meters to the west of the drill hole collar. The relocated shaft centerline places the hole an estimated 3.8 feet from the edge of the eight foot window at a depth of 1870'. The new location of the centerline of the shaft also permits a larger target zone for the next trajectory to be cut by the down hole motor. Figure 2 displays the interval which exists within an eight foot radius of the drill hole collar. Figure 3 indicates the interval of 90DY-04-DS which exists within an eight foot radius with the centerline placed 1.75 meters west of the drill hole collar.

A second gyroscopic survey has been completed within 90DY-04-DS. This survey covered the interval from 637' to 1712' and was tied into the previous one with 100' sample spacings above the 600' depth. Preliminary results indicate no significant errors in tying the two surveys together. The gyroscopic survey was requested to confirm the Sperry Sun single shot data performed daily as the drill hole was advanced. The single shot data was suspect due to the significant proportions of pyrrhotite intersected in the cored interval since the last gyroscopic survey. The single shot survey indicated that a cored depth of 1700 feet the hole had deviated to a point 4.27 feet north and 6.89 feet west of the drill hole collar, with an azimuth of 331. At the same depth the gyro survey located the hole at 4.92 feet north and 5.58 feet west of the collar centerline and trending 345 degrees. Although the difference appears small the trend of the next motor cut will change significantly. Appendix A contains the most current survey data available.

The trajectory of the next motor cut has not yet been established. The approximated trend for the motor cut will be southeasterly. The exact trajectory will be determined as soon as Mike Cole arrives in Faro. His date of arrival is estimated to be early this weekend. The estimated length which is required to be motored before reaching the desired trend is between 175 to 225 feet.

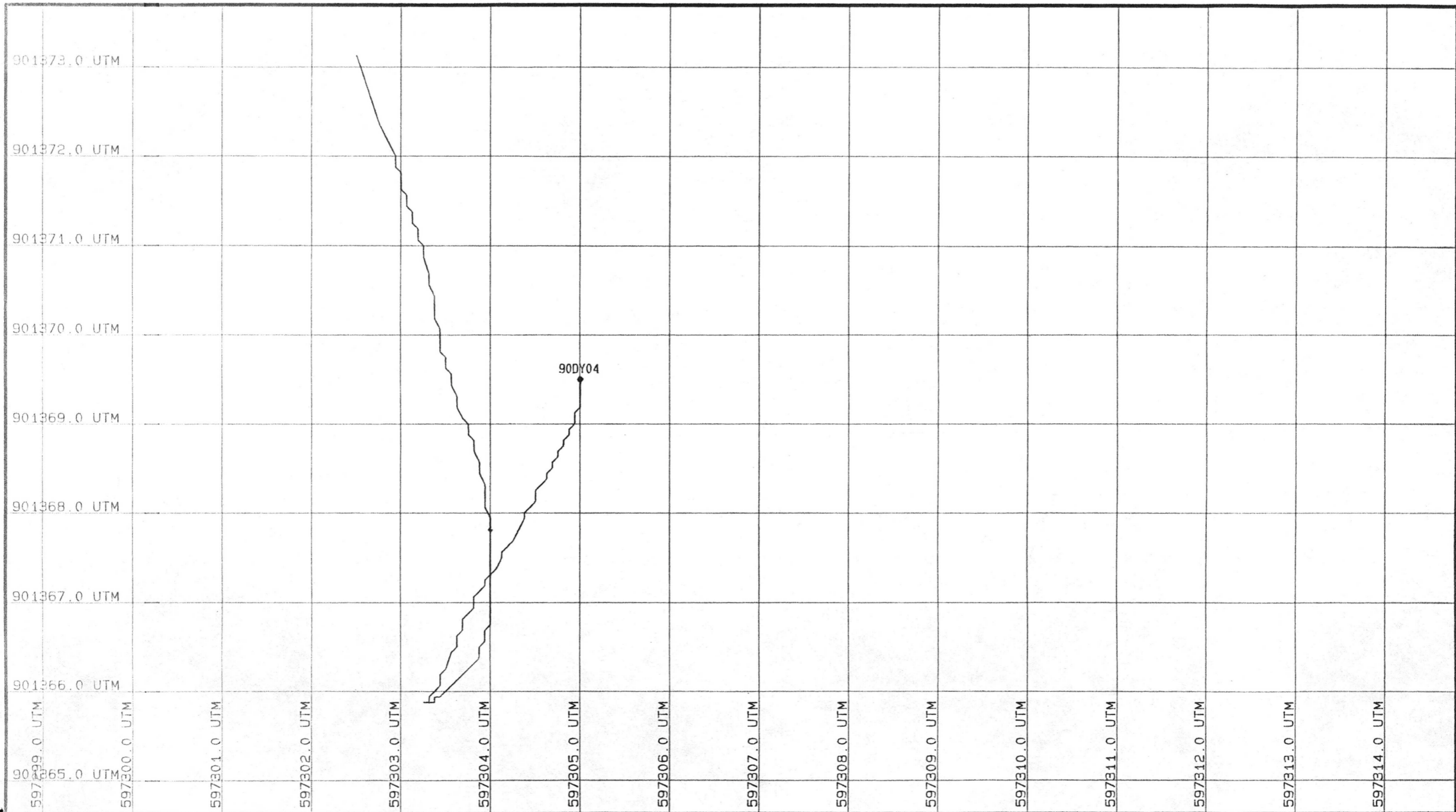
At a cored depth of 1819 feet the lithologies intersected by coring procedures has been a repetitive sequence of phyllites gabbros, and pyroxinites. Starting at a depth of 1819' the first significant mineralization has been intersected. The best grade visually estimated from the 30' of sporadic mineralization is 10' of 12-15% combined Pb+Zn. Drill log copies of the related intervals are included in Appendix B. Geochemical analysis of these mineralized intervals will be conducted as soon as logging and sampling has been completed. This should occur this weekend or early next^{by 4:00}, depending on the availability of a complete core splitting device.

Analysis of sample data from previous drilling to the immediate southeast of the 90DY-04-DS suggest the mineralization intersected in the pilot hole is on trend with significant mineralization in other holes. 78X-05 and 78X-01 have recovered intervals assaying 12.07% Pb+Zn/17.9 meters and 7.72%/10.8 meters respectively. The strongest mineralization intersected to date in 90DY-04-DS is visually estimated at 12-15% Pb+Zn / 3.0 m. Figure 4 displays a three point problem solution suggesting a SSE dip direction for the mineralization. Appendix C contains the related data used in the calculation.

Sincerely yours,



John Zbeetnoff



QUICK-PLOT
GEMCOM Services Inc.

DATE = 25-09-90
TIME = 21:08:32

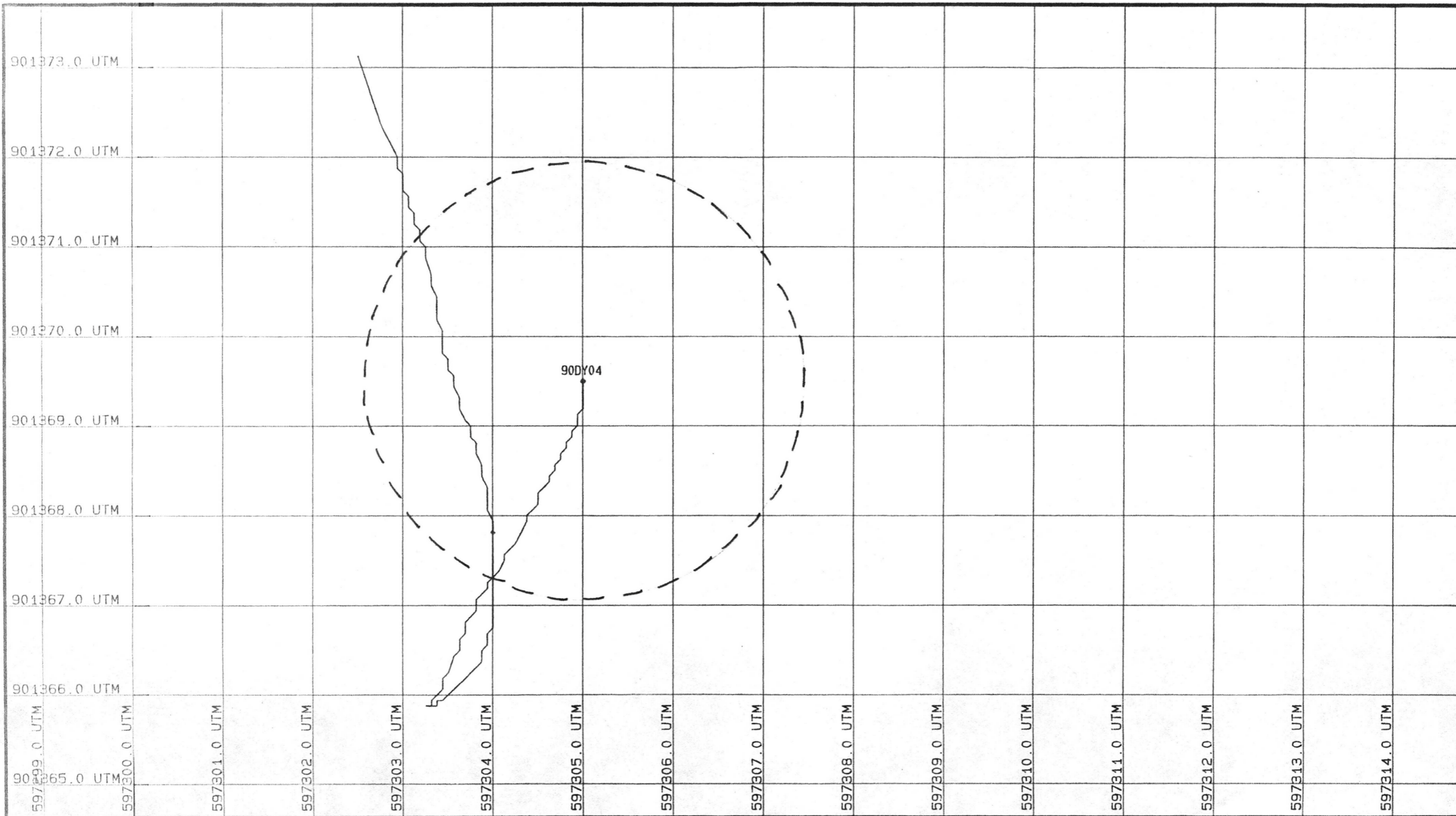
Curragh Resources Inc.
Faro Mine

DY DEPOSIT - 90DY-04-DS
CURRENT DRILL HOLE TRACE
SEPT 28, 1990
HOLE DEPTH AT 1890'

HORIZONTAL SCALE = 1 : 50

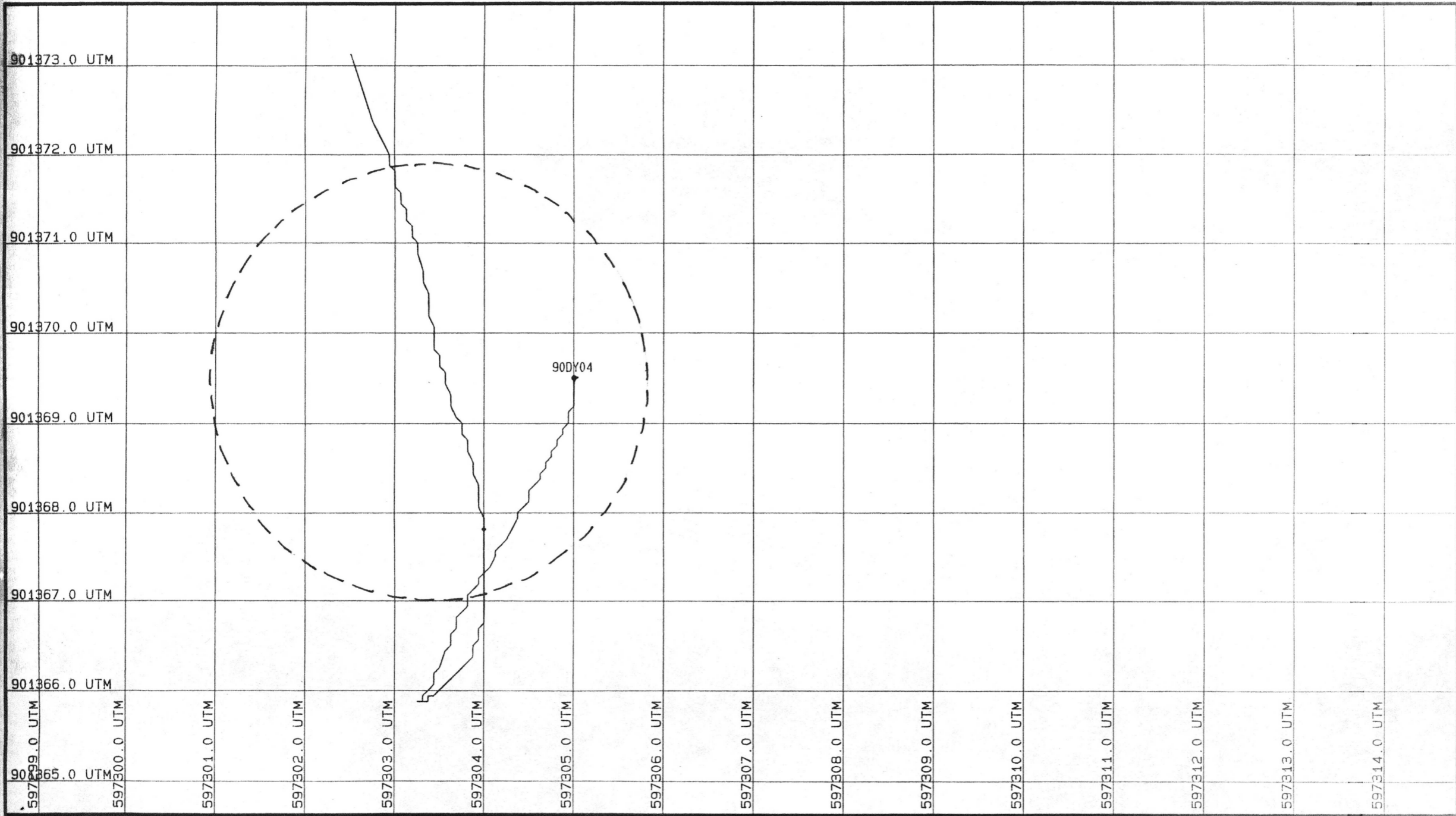
VERTICAL SCALE = 1 : 50

FIGURE 1



QUICK-PLOT GEMCOM Services Inc.	DATE = 25-09-90 TIME = 20: 49: 40	Curragh Resources Inc. Faro Mine	DY DEPOSIT - 90DY-04-DS CURRENT DRILL HOLE TRACE SEPT 28, 1990 HOLE DEPTH AT 1890'
HORIZONTAL SCALE = 1 : 50		VERTICAL SCALE = 1 : 50	

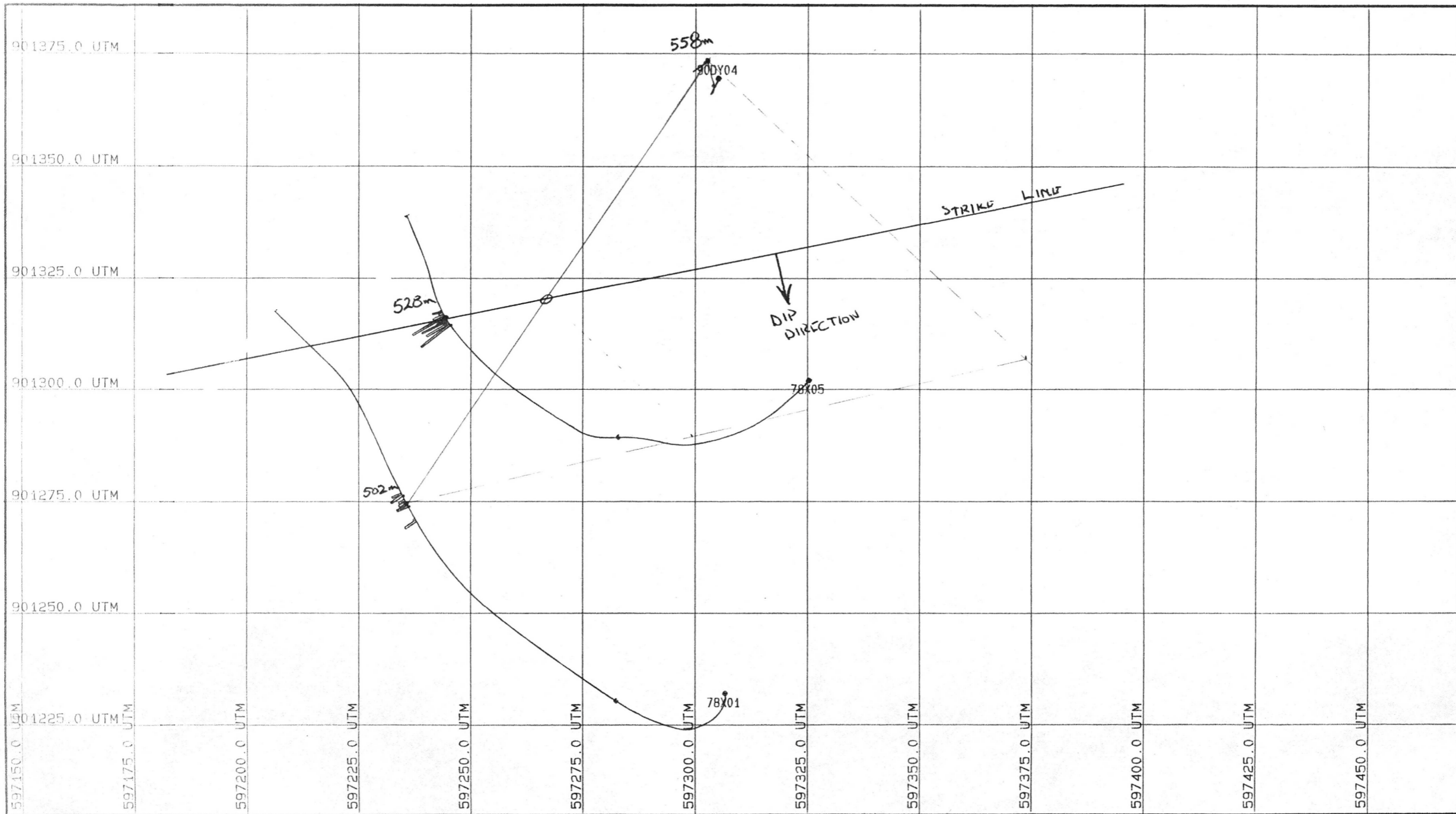
FIGURE 2



QUICK-PLOT	DATE = 25-09-90	Curragh Resources Inc.
GEMCOM Services Inc.	TIME = 20: 56: 02	Faro Mine
HORIZONTAL SCALE = 1 : 50		VERTICAL SCALE = 1 : 50

DY DEPOSIT - 90DY-04-DS
 CURRENT DRILL HOLE TRACE
 SEPT 28, 1990
 HOLE DEPTH AT 1890'

FIGURE 3



QUICK-PLOT
GEMCOM Services Inc.

DATE = 26-09-90
TIME = 21: 53: 55

Curragh Resources Inc.
Faro Mine

DY DEPOSIT
ORE INTERSECTIONS FROM DRILL HOLES
ADJACENT DY PILOT HOLE - 90DY-04-DS

HORIZONTAL SCALE = 1 : 1000

VERTICAL SCALE = 1 : 1000

FIGURE 4

APPENDIX A
DOWN HOLE SURVEY DATA

CURRENT TREND DATA FOR 90DY-04-DS:
SURVEYS UPTO SEPT. 23, 1990

File: G:\DY\PILOTPLT.WR1

SURVEY TYPE	DEPTH (FT.)	AZINITH	INCLINATION	CO-ODS		HORIZONTAL
				NORTHING	EASTING	DEVIATION
GYROSCOPE	0	183.20	89.56	0	0	0.00
GYROSCOPE	25	176.60	89.45	-0.22	0	0.22
GYROSCOPE	50	176.40	89.50	-0.45	0.02	0.45
GYROSCOPE	75	189.00	89.50	-0.67	0.01	0.67
GYROSCOPE	100	195.40	89.36	-0.92	-0.05	0.92
GYROSCOPE	125	199.30	89.21	-1.22	-0.14	1.23
GYROSCOPE	150	203.60	89.13	-1.56	-0.28	1.58
GYROSCOPE	175	199.70	89.07	-1.93	-0.42	1.98
GYROSCOPE	200	198.60	89.10	-2.31	-0.56	2.38
GYROSCOPE	225	210.30	89.15	-2.65	-0.71	2.74
GYROSCOPE	250	211.20	89.00	-3	-0.92	3.14
GYROSCOPE	275	209.10	88.77	-3.43	-1.17	3.62
GYROSCOPE	300	210.60	88.73	-3.9	-1.44	4.16
GYROSCOPE	325	207.70	88.71	-4.39	-1.71	4.71
GYROSCOPE	350	203.80	88.68	-4.91	-1.96	5.29
GYROSCOPE	375	211.20	88.67	-5.42	-2.23	5.86
GYROSCOPE	400	212.30	88.66	-5.92	-2.53	6.44
GYROSCOPE	425	209.70	88.68	-6.42	-2.83	7.02
GYROSCOPE	450	213.40	88.78	-6.89	-3.12	7.56
GYROSCOPE	475	213.50	88.71	-7.35	-3.43	8.11
GYROSCOPE	500	209.70	88.70	-7.83	-3.72	8.67
GYROSCOPE	525	206.80	88.56	-8.36	-4.01	9.27
GYROSCOPE	550	202.80	88.52	-8.94	-4.27	9.91
GYROSCOPE	575	201.50	88.68	-9.5	-4.5	10.51
GYROSCOPE	600	204.10	88.52	-10.07	-4.74	11.13
GYROSCOPE	625	202.90	88.54	-10.66	-5	11.77
GYROSCOPE	637	203.80	88.55	-10.94	-5.12	12.08
GYROSCOPE	650	203.98	88.78	-11.15	-5.25	12.33
GYROSCOPE	675	211.28	88.92	-11.81	-5.58	13.06
GYROSCOPE	700	221.81	89.51	-11.81	-5.58	13.06
GYROSCOPE	725	73.88	89.76	-11.81	-5.58	13.06
GYROSCOPE	750	56.09	89.14	-11.81	-5.58	13.06
GYROSCOPE	775	49.86	88.90	-11.48	-5.25	12.63
GYROSCOPE	800	50.63	88.99	-11.15	-4.59	12.06
GYROSCOPE	825	47.57	89.00	-11.15	-4.59	12.06
GYROSCOPE	850	40.14	88.98	-10.50	-3.94	11.21
GYROSCOPE	875	30.75	89.03	-10.17	-3.94	10.91
GYROSCOPE	900	26.17	89.07	-10.17	-3.61	10.79
GYROSCOPE	925	19.04	89.08	-9.51	-3.61	10.18
GYROSCOPE	950	15.45	89.17	-9.19	-3.61	9.87
GYROSCOPE	975	6.15	89.15	-8.86	-3.28	9.45
GYROSCOPE	1000	4.61	89.18	-8.53	-3.28	9.14
GYROSCOPE	1025	356.86	89.18	-8.20	-3.28	8.83
GYROSCOPE	1050	358.29	89.22	-7.87	-3.28	8.53
GYROSCOPE	1075	357.89	89.19	-7.22	-3.28	7.93
GYROSCOPE	1100	2.55	89.08	-6.89	-3.28	7.63
GYROSCOPE	1125	355.44	89.09	-6.89	-3.28	7.63
GYROSCOPE	1150	357.27	89.11	-6.23	-3.28	7.04

CURRENT TREND DATA FOR 90DY-04-DS:
SURVEYS UPTO SEPT. 23, 1990

File: G:\DY\PILOTPLT.WR1

SURVEY TYPE	DEPTH (FT.)	AZIMUTH	INCLINATION	CO-ODS		HORIZONTAL
				NORTHING	EASTING	DEVIATION
GYROSCOPE	1175	358.98	89.07	-5.91	-3.28	6.76
GYROSCOPE	1200	359.9	89.11	-5.58	-3.28	6.47
GYROSCOPE	1225	356.93	89.11	-5.25	-3.61	6.37
GYROSCOPE	1250	358.44	89.07	-4.59	-3.61	5.84
GYROSCOPE	1275	351.08	89.07	-3.94	-3.61	5.34
GYROSCOPE	1300	348.34	88.99	-3.61	-3.61	5.10
GYROSCOPE	1325	348.25	88.98	-2.95	-3.61	4.66
GYROSCOPE	1350	342.65	88.81	-2.30	-3.94	4.56
GYROSCOPE	1375	341.77	88.71	-1.97	-3.94	4.40
GYROSCOPE	1400	337.03	88.74	-1.31	-3.94	4.15
GYROSCOPE	1425	338.86	88.82	-0.98	-4.27	4.38
GYROSCOPE	1450	341.53	88.83	-0.66	-4.59	4.64
GYROSCOPE	1475	342.64	88.96	0.00	-4.59	4.59
GYROSCOPE	1500	343.62	88.94	0.33	-4.59	4.60
GYROSCOPE	1525	348.08	88.82	0.98	-4.92	5.02
GYROSCOPE	1550	345.48	88.84	1.31	-5.25	5.41
GYROSCOPE	1575	349.46	88.79	1.97	-5.25	5.61
GYROSCOPE	1600	349.37	88.68	2.62	-5.25	5.87
GYROSCOPE	1625	351.1	88.57	2.95	-5.25	6.02
GYROSCOPE	1650	346.34	88.50	3.61	-5.58	6.64
GYROSCOPE	1675	347.79	88.28	4.27	-5.58	7.02
GYROSCOPE	1700	347.59	88.27	4.92	-5.58	7.44
GYROSCOPE	1712	345.42	88.25	5.25	-5.91	7.90
SPEBBY SUN IOL/6 Deg. COMPASS	1752	342	87.9	5.25	-6.23	8.15
SPEBBY SUN 6 Deg. COMPASS	1802	341	87.3	8.53	-6.89	10.97
SPEBBY SUN IOL/ASSUMED AZ.	1862	341	87.4	11.15	-7.87	13.65

APPENDIX B

DRILL LOG FOR MINERALIZATION IN
90DY-04-DS

Code	From	To	Recov.	No.	Unit	Description
I	10	14	16	20	22 24 26 28 30 34 35	
	554.3	555.2			A6A4 * ± 7	<p>Strongly mineralized unit is grayish purple and grayish yellow, moderately calcareous, strongly bartic, fine to very fine grained and well banded. Unit contains rare cm-scale bands of up to 30% Pb to 3-5% scattered clots of barite 1-2mm, and 0.2-1.75cm bands rich in Py.</p> <p>Banding dip angles relative to core axis rotate and internal folding is strongly suspected, although not readily visible. Rock is moderately hard, streaks black, core is slightly broken with excellent recovery. Upper contact is very sharp, irregular and subparallel S_g. Banding 5cm below contact is oriented 026°/69°, S_g is oriented 75° to core axis. Lower contact is very sharp and irregular. No relationship between contact and S_g can be established.</p> <p>ESTIMATED grade of interval is 12-15% Pb+Zn.</p>
	555.2	555.9			A1104 6 ± 8	<p>Reddish brown interval is non-calcareous, strongly magnetic moderately well banded with banding progressively steepening in dip relative to S_g of lower unit. Unit hosts 1-2% bartic clots and 0-7% calcite clots commonly 1-3mm in diameter. Banding is locally weakly contorted with Pyrite-rich bands displaying a discontinuous behavior - boudens. Interval is fine to</p>

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28 30	34 35	
						Very fine grained. Rock is very hard, core is slightly broken with excellent recovery. Upper contact is sharp and parallel banding. Lower contact is very sharp and oriented at $303^{\circ}/18^{\circ}$ relative to S_2 within lower unit. S_2 of lower unit dips 74° relative to core axis.
						(?)
	555.9	556.8			15802	Dark bluish-gray phyllite is non-calcareous, CS_2 foliated with S_2 surfaces defined as 1-2 mm bands of black phyllite. S_2 surfaces slightly tarnish fingers when rubbed. Unit hosts 5-7% white and dark gray quartz veins barren of carbonate. Veins range from .2 - 2.5 cm in width, crosscut S_2 at various relationships and contain up to 15% $Po \pm Py$. Rock is hard to very hard. Upper contact is oriented at $303^{\circ}/18^{\circ}$ relative to S_2 . S_2 is oriented at 74° to core axis. Lower contact is marked by an irregular 2cm quartz vein, roughly trending subperpendicular core axis.
	556.2				14604	Grayish-yellow and locally light gray unit is non-calcareous

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28	30		34
											well banded. Orientation of banding varies greatly relative to core axis throughout interval, locally parallel core axis. Broad open fold occurs at 559.0 with axial plane oriented subperpendicular core axis. Interval consists of 30-40% fine grained Py, locally 60-70% Py, 25-30% white mineral (barite?), trace - 10% galena and sphalerite combined, 10-20% quartz. Interval streaks black. Local concentrations of Py is associated with 5-7% clotty calcite blobs. Calcite is often associated with medium grained sphalerite and galena - remobilized. Rock is medium soft, core is slightly broken recovery is good throughout. Upper contact is marked by 2cm quartz vein oriented subperpendicular core axis. Lower contact is sharp and parallel contorted S ₂ fabric. Estimated grade is less than 7% Pb+Zn.
	559.9		561.4						AA04		Light gray and black, non-calcareous phyllite is P _{S2} foliated, with fabric moderately contorted. Light gray bands are dominant and very siliceous. Black bands commonly have moderate tarnish on fingers. Mineralization consists of Py and sphalerite bands commonly 2cm wide. These mineralized bands constitute 15% of interval, and are siliceous with 15-20% Py, 2-20% sph. Siliceous bands are hard, graphitic bands are moderately soft, core is slightly broken, recovery is good. Upper

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28	30		34
											and lower contacts are sharp, and parallel to a contorted S ₂ fabric. Estimated grade is < 3% Pb+Zn.
											(?)
	561.4		562.0						569		Medium to light gray, non-calcareous phyllite is CS ₂ foliated with dark gray S ₂ surfaces. Unit hosts 7-10% euhedral Pyrite crystals 2-10 mm in size commonly partially replaced by Po, occasionally total replaced by Po. Interval contains 2% light gray and white quartz veins .5-3.0 cm wide. Veins are parallel S ₂ . Rock is medium soft, slightly broken, recovery is very good. Upper and lower contacts are sharp and parallel S ₂ . S ₂ surfaces do not tarnish fingers.
	562.0								464	(4644 : 420) 80:15:5	Partic units are brassy yellowish-purple locally dark reddish-purple, non-calcareous to locally very weakly calcareous, generally well banded, moderately mineralized, locally intensely mineralized. Interval folding is common. 420 units do not exceed 20cm in width and are light gray, soft PS ₂ foliated and non-calcareous. 420 at 564.6-564.7 supports 20% strongly carbonaceous influence. Intensely mineralized intervals occur at 563.65-564.3.

APPENDIX C

DATA FOR THREE POINT PROBLEM

PC-XPLOR VERSION 1.31
Exploration Data Manager
By GENCOM SERVICES INC.

Curragh Resources In
22: 0:36 Serial no: 20321
28/ 9/90 Page : 1

*** BY PROPERTY ***
*** ANVIL DISTRICT, FARO YUKON ***

PRINTOUT OF CURRENT EXTRACTION DATA

DESCRIPTION : Pb+Zn assay results for 78X-01 (top of interval)

<u>NORTHING:</u>	<u>EASTING:</u>	<u>ELEVATION:</u>	<u>REAL:</u>	<u>INTEGER:</u>	<u>STRING:</u>
901232.00	597306.60	1127.30	-1.000	13	78X01
901244.00	597262.90	657.07	1.120	13	78X01
901244.30	597262.60	655.53	-1.000	13	78X01
901244.90	597261.80	651.98	4.420	13	78X01
901245.20	597261.30	650.06	4.270	13	78X01
901245.50	597260.80	648.14	4.030	13	78X01
901245.70	597260.60	647.18	.770	13	78X01
901245.90	597260.40	646.22	1.210	13	78X01
901246.10	597260.10	644.97	-1.000	13	78X01
901270.50	597237.90	520.71	10.980	13	78X01
901270.90	597237.70	518.75	5.940	13	78X01
901271.20	597237.50	517.19	.640	13	78X01
901271.60	597237.30	515.14	1.470	13	78X01
901271.80	597237.20	513.77	3.260	13	78X01
901272.20	597236.90	511.82	2.960	13	78X01
901272.40	597236.80	510.75	-1.000	13	78X01
901273.00	597236.50	507.72	2.690	13	78X01
901273.40	597236.30	505.77	4.930	13	78X01
901273.80	597236.10	503.82	10.490	13	78X01
901274.20	597235.90	501.87	8.930	13	78X01
901274.60	597235.60	499.92	8.610	13	78X01
901274.90	597235.40	497.97	3.090	13	78X01
901275.10	597235.30	497.00	7.990	13	78X01
901275.50	597235.10	495.24	1.800	13	78X01
901276.10	597234.80	492.32	-1.000	13	78X01
901276.20	597234.80	492.03	11.210	13	78X01
901276.60	597234.60	490.08	9.550	13	78X01
901276.90	597234.40	488.42	-1.000	13	78X01

PC-XPLOR VERSION 1.31
Exploration Data Manager
By GEMCOM SERVICES INC.

Curragh Resources In
22: 2:38 Serial no: 20321
28/ 9/90 Page : 1

BY PROPERTY
ANVIL DISTRICT, FARO YUKON

PRINTOUT OF CURRENT EXTRACTION DATA

DESCRIPTION : Pb+Zn assay results for 78X-05 (top of interval)

<u>NORTHING:</u>	<u>EASTING:</u>	<u>ELEVATION:</u>	<u>REAL:</u>	<u>INTEGER:</u>	<u>STRING:</u>
901302.00	597325.30	1113.90	-1.000	17	78X05
901293.30	597270.00	667.65	.390	17	78X05
901293.30	597269.90	667.26	-1.000	17	78X05
901314.40	597245.40	536.07	21.480	17	78X05
901314.70	597245.20	534.32	16.730	17	78X05
901315.00	597245.00	532.67	7.350	17	78X05
901315.30	597244.80	531.40	17.780	17	78X05
901315.50	597244.70	530.23	10.290	17	78X05
901315.80	597244.50	528.77	9.250	17	78X05
901316.00	597244.40	527.80	9.770	17	78X05
901316.30	597244.30	526.43	21.570	17	78X05
901316.60	597244.10	524.67	10.250	17	78X05
901316.90	597243.90	522.72	6.880	17	78X05
901317.30	597243.60	520.77	9.480	17	78X05
901317.60	597243.60	519.60	6.490	17	78X05
901317.80	597243.40	518.62	-1.000	17	78X05
901318.50	597243.10	514.61	1.470	17	78X05
901318.70	597243.00	513.73	-1.000	17	78X05
901326.10	597240.70	475.32	4.300	17	78X05
901326.30	597240.70	474.93	-1.000	17	78X05

BY PROPERTY
LENGTH WEIGHTED GRADE CALC'S

File: ASSYDAT.WR1

HOLE-ID	FROM (m)	TO (m)	INTERVAL	SG-PULP	Pb%	Zn%	Pb+Zn%	Ag(g/t)	Au(g/t)		
78X01	475.1	476.7	1.6	-1	0.84	0.28	1.12	18.6	-1		
78X01	476.7	480.4	3.7	-1	-1	-1	-1	-1	-1		
78X01	480.4	482.4	2	-1	2.13	2.29	4.42	35.3	-1		
78X01	482.4	484.4	2	-1	1.87	2.4	4.27	27.2	-1		
78X01	484.4	485.4	1	-1	2.04	1.99	4.03	28.9	-1		
78X01	485.4	486.4	1	-1	0.37	0.4	0.77	7.1	-1		
78X01	486.4	487.7	1.3	-1	0.73	0.48	1.21	19.6	-1		
78X01	487.7	616.4	128.7	-1	-1	-1	-1	-1	-1		
78X01	616.4	618.4	2	3.23	3.74	7.24	10.98	76	0.62	21.96	
78X01	618.4	620	1.6	-1	2.05	3.89	5.94	38	0.48	9.504	8.74% /3.6m
78X01	620	622.1	2.1	-1	0.26	0.38	0.64	5.7	-1	31.464	3.6
78X01	622.1	623.5	1.4	-1	0.47	1	1.47	10.3	-1		
78X01	623.5	625.5	2	-1	1.26	2	3.26	27.8	-1		
78X01	625.5	626.6	1.1	-1	1.22	1.74	2.96	26.5	-1		
78X01	626.6	629.7	3.1	-1	-1	-1	-1	-1	-1		
78X01	629.7	631.7	2	-1	0.75	1.94	2.69	17.1	-1		
78X01	631.7	633.7	2	-1	2.24	2.69	4.93	36.4	-1	9.86	
78X01	633.7	635.7	2	3.22	3.83	6.66	10.49	53	1.3	20.98	
78X01	635.7	637.7	2	2.91	2.65	6.28	8.93	40	0.34	17.86	
78X01	637.7	639.7	2	3.03	2.78	5.83	8.61	49	0.82	17.22	
78X01	639.7	640.7	1	-1	0.92	2.17	3.09	14.2	-1	3.09	
78X01	640.7	642.5	1.8	-1	3.52	4.47	7.99	61.8	-1	14.382	7.72% /10.8m
78X01	642.5	645.5	3	-1	0.54	1.26	1.8	5.9	-1	83.392	10.8
78X01	645.5	645.8	0.3	-1	-1	-1	-1	-1	-1		
78X01	645.8	647.8	2	3.08	3.87	7.34	11.21	69	0.69	22.42	
78X01	647.8	649.5	1.7	2.89	3.65	5.9	9.55	51	0.69	16.235	10.45% /3.7m
78X01	649.5	850.1	200.6	-1	-1	-1	-1	-1	-1	38.655	3.7

