DY DDH LOCATIONS									04-Dec-90
HOLE-	UTM-NORTHING			UTM-EASTING			ELEVATION		
ID	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	1,164.1	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	900,700.0	900,670.86	29.1	597,017.1	597,017.18	(0.1)	1,133.3	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

Drill hole Layout

Dy Area
Jan 18/91

Tripods Placed on all Collar Locations

STA	Northing	Easting	Ground Elev.
Collar BI	6901166.0 ✓	597629.1 ✓	1062.0
Target BI	6901186.0 ✓	597600.0 ✓	1070.3
Collar BG	6901218.0 ✓	597498.0 ✓	1087.0
Target BG	6901236.0 ✓	597464.0 ✓	1090.4
Collar BH	6901153.0 ✓	597469.0 ✓	1101.2
Target BH	6901180.0 ✓	597439.0 ✓	1104.2
Collar BK	6901105.0 ✓	597634.0 ✓	1060.2
TARGET BK	6901130.0 ✓	597600.0 ✓	1072.0
Collar CB	6900755.5 ✓	597434.0 ✓	1105.3
Target CB	6900791.0 ✓	597423.0 ✓	1108.0
Collar CA	6900734.5 ✓	597506.0 ✓	1091.1
Target CA	6900770.0 ✓	597495.0 ✓	1096.6
Collar CC	6900645.5	597557.1	1081.7 (Drill Collar)
Collar CF	6900595.5	597471.5	1092.9 (Drill Collar)

Th 640 to Drill Collar "CF" Azimuth = 314° 41'

Th 642 to Drill Collar "CC" Azimuth = 2° 42'

Jan 29/91

Drill hole & Target Layout DY Area

STN	Northing	Easting	Elevation
Target "CE"	6900720.0	597403.0	1107.1
Collar "CE"	6900678.5	597433.1	1100.7
Collar "CB" (Revised location)	6900753.4	597447.7	1102.8
Target "BM"	6901163.0	597691.0	1047.0
Target "BL"	6901077.9	597544.9	1081.2
Target "BJ"	6901238.9	597671.9	1051.4
Target "BF"	6901270.3	597550.0	1071.4
Target "BN"	6901077.0	597629.0	1058.8

CB Collar
Old → New 98°40' 13.93

PAUL: Dec 11/80

Please locate these points at Dy:

NAME	Northing	Easting	Elev
TARGET CF	6900630	/ 597455	(?)
(*) COLLAR CF	6900594.5	/ 597466	(?)
TARGET BA	6901172	/ 597607	(?)
(*) COLLAR BA	6901153	/ 597632	(?)
TARGET CC	6900681	/ 597546	(?)
(*) COLLAR CC	6900645.5	/ 597557	(?)
TARGET CD	6900749	/ 597568	(?)

John Z

DRILL HOLE LAYOUT - DY AREA

STA.	N.	E.	GROUND ELEV.
COLLAR "BD"	6901 227	597 649	1056.0
TARGET "BD"	6901 245	597627	1061.1

(COLLAR - BD. → TARGET - BD AZ 309°17' 28.4m)

COLLAR "BE"	6901 042	597 676.5	1045.7
SURVEY STA. 625	6900 996.53	597 661.18	1057.1

(COLLAR "BE" → STA. 625 AZ 198°37' 48.00 m)

* TRIPODS WERE PLACED AT COLLAR LOCATIONS.

P. GENTON

25 NOV. 1990

DRILL HOLE LAYOUT - DY AREA JOB No 3105.3

STA.	N.	E.	GROUND ELEV.
TARGET "C"	6900 810	597 745	1045.0
PROPOSED COLLAR "C" (AS BUILT PAD)	6900 768.6	597 774.6	1034.2

[COLLAR-C → TARGET-C = AZ 324°28' 50.9m]

TARGET "D"	6900 394	597 702	1011.7

P. GENTON
16 NOV/90

JOHN. ZBEETNOFF

2

DRILL HOLE TIES IN VICINITY OF PROPOSED PORTAL DY AREA

STATION	N	E	ELEV.
DH 90-0B-01	6899 384.0	597 630.3	839.9
DH 90-0B-02 (APPROX - D.H. COVERED)	6899 385.	597639	839.7
DH 90-0B-03	6899 382.8	597622.1	840.1
DH 90-0B-04	6899 370.2	597628.6	839.2
CENTER OF DRILL PAD BUILT 8 DEC/90	6899 290	597596	829.5
PROPOSED 90-0B-05	6899 342.0	597625.8	831.4
PROPOSED 90-0B-06	6899 339.4	597 631.5	831.1
PROPOSED 90-0B-07	6899 344.8	597622.5	831.4

P. GENTON
8 DEC. 1990

DRILL HOLE TIES IN VICINITY OF PROPOSED PORTAL DY AREA

STATION	N	E	ELEV.
DH 90-DB-08	6899 419	597 635	847.4
DDH 90-DY-10	6899 446.9	597 635.6	855.8
DDH 90-DY-11	6899 473.1	597638.3	860.0

P. GENTON
9 DEC. 1990

DDH TIES – DY AREA

STA.	N.	E.	ELEV.
DDH 90-DY-05 (CASING)	6901 121.3	597 801.5	1017.0
IRON BAR	6901 136.62	597 799.31	1017.9

(IRON BAR → CASING AZ 172°02' 15.45m)

DDH 90-DY-04-DS (CASING)	6901 369.5	597 305.0	1115.0
IRON BAR	6901 351.95	597 303.27	1116.6

(IRON BAR → CASING AZ 5°42' 17.61m)

DDH 90-DY-06 (CASING)	6900 100.0	597 693.3	963.5
IRON BAR	6900 106.54	597 689.33	964.3

(IRON BAR → CASING AZ 148°41' 7.70m)

P. GENTON

23 NOV. 1990

JOHN ZBEETNOFF

D.D.H. TIES - DY AREA

STA	N.	E.	ELEV.
90-DY-07 (CASING)	6900 768.6	597 774.6	1034.20
IRON BAR	6900 783.17	597 771.39	1034.99

CASING → IRON BAR AZ 347°36' DIST. 14.87m

90-DY-08 (CASING)	6900 359.0	597 719.0	1005.5
IRON BAR	6900 368.~~3~~26	597 714.59	1007.7

CASING → IRON BAR AZ 334°23' DIST. 10.31

P. GENTON
12 DEC. 1990

John

Dy DDH holes

Curragh Resources : Faro Mine Site : DAILY 'PICKUP' SURVEY REDUCTION: 90/08/08 : 11:30:06 PAGE
GEMCOM Services MSRV_032: DBVA=VANGORDA Deposit : Survey Date = 90/08/07 Crew #1 Sequence #01 : = 1

CALCULATED SURVEY DATA
****

SET-UP STATION = 9053 HI = 1.305 H.EDM = 1.305 Location = 6666.184 N 11254.046 E 1117.365 El.
BACKSIGHT STATION = 1471 Reference Horizontal Angle = 000-00-00 Location = 6452.094 N 11015.367 E 1131.941 El.
Reference Backsight Azimuth= 228-06-31

Comments = DDH - DYE DEPOSIT
Instrument = TOTAL STATION

Bench	Line Type	Shot No.	Horiz. Angle	Zenith Angle	Horiz. Distance	Shot Azimuth	Vertical Distance	Height Target	Height Boost	T	Offset Dist.	Coordinates Northing	Coordinates Easting	Coordinates Elevation
1110	GP	1	006-54-35	089-00-35	197.914	235-01-06	3.424	1.490	0.000	R	1.0	6553.536	11091.315	1120.603
1110	GP	1	346-31-10	097-53-05	122.038	214-37-41	-16.900	1.490	0.000		0.0	6565.764	11184.699	1100.280
1110	GP	1	341-28-25	096-50-35	169.299	209-34-56	-20.314	1.490	0.000		0.0	6518.953	11170.468	1096.865

90DY03
UTM 6,901,328.010 597,285.995
90DY-01
UTM 6,901,399.382 597,347.339
UTM 6,901,355.039 ? 597,367.951
90DY02

DDH AZIMUTHS

BB = 263°47′12″ 91G-26 -42

DD = 286°59′00″ 91G-28 -42

CALCULATED SURVEY DATA
****

SET-UP STATION = 3061 HI = 1.589 H.EDM = 1.589 Location = 6586.529 N 2608.421 E 1305.168 El.
BACKSIGHT STATION = 3014 Reference Horizontal Angle = 000-00-00 Location = 6767.594 N 3209.816 E 1317.764 El.
Reference Backsight Azimuth= 073-14-39

Comments =
Instrument = THEODOLITE & EDM

	Bench	Line Type	Shot No.	Horiz. Angle	Zenith Angle	Horiz. Distance	Shot Azimuth	Vertical Distance	Height Target	Height Boost	T	Offset Dist.		Coordinates Northing	Easting	Elevation
BB	1288	19	(26) 91G-	1	070-47-55	093-05-05	384.150	144-02-34	-20.692	1.475	0.000		0.0	26	6275.576	2833.987	1284.590
AA	1288	19	(25)	1	066-21-00	093-09-55	373.887	139-35-39	-20.667	1.475	0.000		0.0	25	6301.824	2850.773	1284.615
W	1288	19	(24)	1	053-04-05	093-05-25	379.485	126-18-44	-20.478	1.475	0.000		0.0	24	6361.803	2914.211	1284.804
K	1288	19	21	1	031-48-25	092-50-05	386.524	105-03-04	-19.129	1.475	0.000		0.0	21	6486.155	2981.686	1286.153
CC	1288	19	(20)	1	098-36-25	094-31-25	346.306	171-51-04	-27.391	1.475	0.000		0.0	20	6243.719	2657.508	1277.892
DD	1288	19	(28)	1	083-56-30	092-33-05	380.071	157-11-09	-16.926	1.775	0.000		0.0	28	6236.192	2755.791	1288.056
EE	1288	19	(27)	1	080-18-30	092-20-15	383.948	153-33-09	-15.663	1.775	0.000		0.0	27	6242.763	2779.423	1289.320
FF	1288	19	(31)	1	101-58-55	093-52-10	405.581	175-13-34	-27.422	2.200	0.000		0.0	31	6182.354	2642.175	1277.136
GG	1288	19	(32)	1	093-22-50	093-42-35	414.568	166-37-29	-26.868	1.475	0.000		0.0	32	6183.206	2704.322	1278.414
LL	1288	19	(33)	1	095-01-35	093-24-40	471.830	168-16-14	-28.109	1.475	0.000		0.0	33	6124.551	2704.339	1277.173
KK	1288	19	(34)	1	102-41-15	093-19-30	466.132	175-55-54	-27.067	3.475	0.000		0.0	34	6121.571	2641.491	1276.216