003514

DDH	UTM-N	UTM-E	UTM-ELEV	TOT DEPTH	SECTIONS	RFE	RFE DIR	PLUNGE	ANGL/DIR	DHD CALC	SS CALC	
8[illegible]03	8,218.2	16,073.9	4,036.4	627.0	127+600E	S2	210		0 0	1	0	BEFORE
8[illegible]03	8,289.8	15,294.0	4,031.0	627.0	127	S2	210		0 0	1	0	AFTER
82F-01	8,881.5	15,313.2	4,071.3	903.0	124	S2	210		0 0	1	0	BEFORE
82F-01	8,841.5	15,313.2	4,071.3	903.0	124	S2	210		0 0	1	0	AFTER

**THESE CHANGES WERE POSTED BY: LEEP .GEOLOGY AT: 12:23:15

****
*
* C Y P R U S A N V I L M I N I N G C O R P O R A T I O N *
*
****
*
* SYSTEM = DDHDB
* PROGRAM = DH030
*
* MON, OCT 19, 1987, 12:25 PM
*
****
*
* CREATION OF DIAMOND DRILL HOLE SPLINE
* FOR CALCULATION OF DOWN-HOLE POSITION
* OFFSETS FOR OTHER DETAIL DATA RECORDS.
*
****

!THE IMPERIAL ANVIL!

SPLINE CALCULATIONS

THE FOLLOWING DRILLHOLES ARE TO BE PROCESSED

82F-03 82F-01

!THE IMPERIAL ANVIL!

SPLINE CALCULATIONS FOR DRILLHOLE: 82F-03

*** SURVEY DATA SUMMARY ***

COLLAR COORDINATES:

8289.80	NORTH
15294.00	EAST
4031.00	ELEVATION

DOWN-HOLE SURVEYS

SURVEY NO.	DEPTH	ZENITH	AZIMUTH
1	.0000E+00	180.0	77.00
2	156.5	179.0	77.00
3	356.5	179.0	106.0
4	606.5	174.2	74.00

!THE IMPERIAL ANVIL!

SPLINE CALCULATIONS FOR DRILLHOLE: 82F-03

*** SPLINE DATA SUMMARY ***

SPLINE COEFFICIENTS

DEPTH	A	B	C	D	E	F	G	H	P	Q	R	S
.00												
	.0000E+00	.0000E+00	.5433E-04	.0000E+00	.0000E+00	.0000E+00	.1254E-04	.0000E+00	.0000E+00	-1.000	.4866E-06	.0000E+00
156.50												
156.50												
	1.331	.1701E-01	-.5719E-06	.0000E+00	.3072	.3926E-02	-.2184E-04	.0000E+00	-156.5	-.9998	.0000E+00	.0000E+00
356.50												
356.50												
	4.709	.1678E-01	.1607E-03	.0000E+00	.2187	-.4811E-02	.6533E-04	.0000E+00	-356.5	-.9998	.9934E-05	.0000E+00
606.50												
606.50												
	18.95	.9714E-01	.0000E+00	.0000E+00	3.099	.2786E-01	.0000E+00	.0000E+00	-605.8	-.9949	.0000E+00	.0000E+00
606.50												

!THE IMPERIAL ANVIL!

LITHOLOGY DISPLACEMENT CALCULATIONS FOR DRILLHOLE: 82F-03

TO-DEPTH	CODE	LITHOLOGICAL UNIT DESCRIPTION	RECOVERY	NORTHING	EASTING	ELEVATION
5.00			.00	.00	.00	-5.00
76.00	10D27		.00	.07	.31	-76.00
78.00	10D2		.00	.08	.33	-78.00
81.00	10D27		.00	.08	.36	-81.00
83.80	10D2		.00	.09	.38	-83.80
87.80	10D27		.00	.10	.42	-87.80
91.50	10D2		.00	.11	.45	-91.50
103.00	10D27		.00	.13	.58	-102.99
109.20	10D2		.00	.15	.65	-109.19
169.50	10D27		.00	.35	1.55	-169.49
173.40	10D2		.00	.37	1.62	-173.39
190.40	10D27		.00	.42	1.91	-190.38
192.80	10D2		.00	.42	1.95	-192.78
226.60	10D27		.00	.48	2.52	-226.58
238.00	10D2		.00	.48	2.71	-237.98
251.40	3A0		.00	.48	2.94	-251.37
260.70	3A0		.00	.48	3.10	-260.67
315.00	3A0		.00	.38	4.01	-314.96
320.50	10278		.00	.36	4.10	-320.46
323.50	3A0		.00	.35	4.15	-323.46
326.50	3A4		.00	.34	4.21	-326.46
333.70	10D27		.00	.32	4.33	-333.66
347.00	10D2		.00	.26	4.55	-346.96
371.60	10D27		.00	.16	5.00	-371.55
374.80	3A4		.00	.15	5.07	-374.75
384.00	1D04		.00	.14	5.29	-383.95
394.80	1D4		.00	.13	5.59	-394.74
398.30	2GE4	BX	.00	.13	5.69	-398.23
410.10	1D4		.00	.15	6.07	-410.02
423.40	1D49		.00	.19	6.55	-423.30
428.30	2H42		.00	.21	6.74	-428.20
436.30	2E8		.00	.25	7.07	-436.18
449.70	2E0		.00	.34	7.67	-449.56
464.50	2C3		.00	.46	8.40	-464.33
465.30	2H19		.00	.47	8.44	-465.12
491.00	2CE0		.00	.75	9.87	-490.76
497.20	2A14		.00	.84	10.25	-496.94
511.00	2CE8	&9	.00	1.03	11.14	-510.70
523.40	2F14		.00	1.24	11.99	-523.06
538.80	2CE0		.00	1.51	13.11	-538.40
551.50	2D34	(2F4)	.00	1.76	14.09	-551.05
558.20	2D34	(2F4)	.00	1.91	14.63	-557.72
576.20	2B05		.00	2.32	16.15	-575.64
580.50	2D4	&3(2C0)	.00	2.42	16.53	-579.93
591.00	1D4		.00	2.68	17.48	-590.38
594.30	2A1		.00	2.77	17.79	-593.66
606.00	1D4		.00	3.09	18.90	-605.30

!THE IMPERIAL ANVIL!

LITHOLOGY DISPLACEMENT CALCULATIONS FOR DRILLHOLE: 82F-03

TO-DEPTH	CODE	LITHOLOGICAL UNIT DESCRIPTION	RECOVERY	NORTHING	EASTING	ELEVATION
627.00	1D04		.00	3.67	20.94	-626.19

!THE IMPERIAL ANVIL!

STRUCTURE DISPLACEMENT CALCULATIONS FOR DRILLHOLE: 82F-03

FROM DEPTH	TO DEPTH	FEAT CODE	SYM	FROM DISPLACEMENT NORTHING	FROM DISPLACEMENT EASTING	FROM DISPLACEMENT ELEVATION	TO DISPLACEMENT NORTHING	TO DISPLACEMENT EASTING	TO DISPLACEMENT ELEVATION
.00	247.00	PS2		.00	.00	.00	.48	2.86	-246.97
.00	254.00	PS2		.00	.00	.00	.48	2.98	-253.97
.00	309.00	PS2		.00	.00	.00	.40	3.91	-308.96
.00	315.00		P	.00	.00	.00	.38	4.01	-314.96
.00	374.50		R	.00	.00	.00	.15	5.06	-374.45
.00	378.00		P	.00	.00	.00	.15	5.14	-377.95
.00	380.00	CS4	Z	.00	.00	.00	.14	5.19	-379.95
.00	382.00		Z	.00	.00	.00	.14	5.24	-381.95
.00	385.00	CS4	Z	.00	.00	.00	.13	5.32	-384.95
.00	390.00	CS4	Z	.00	.00	.00	.13	5.45	-389.94
.00	398.30		R	.00	.00	.00	.13	5.69	-398.23
.00	404.00		D	.00	.00	.00	.14	5.87	-403.93
.00	409.20	PS2		.00	.00	.00	.15	6.04	-409.12
.00	414.40		P	.00	.00	.00	.16	6.22	-414.32
.00	428.30	FLT		.00	.00	.00	.21	6.74	-428.20
.00	491.00		R	.00	.00	.00	.75	9.87	-490.76
.00	493.00		P	.00	.00	.00	.78	9.99	-492.75
.00	558.20		R	.00	.00	.00	1.91	14.63	-557.72
.00	561.00		P	.00	.00	.00	1.97	14.86	-560.51
.00	579.60	CS2		.00	.00	.00	2.40	16.45	-579.03
.00	583.50	CS4	Z	.00	.00	.00	2.49	16.80	-582.91
.00	590.00		P	.00	.00	.00	2.66	17.39	-589.38
.00	592.00	CS4	Z	.00	.00	.00	2.71	17.57	-591.37
.00	604.00	CS4		.00	.00	.00	3.03	18.71	-603.31
.00	605.00	CS4	Z	.00	.00	.00	3.06	18.80	-604.31
.00	616.90		Z	.00	.00	.00	3.39	19.96	-616.15
.00	617.00	CS4	Z	.00	.00	.00	3.39	19.97	-616.24
.00	624.00	CS4	Z	.00	.00	.00	3.59	20.65	-623.21
.00	626.90		P	.00	.00	.00	3.67	20.93	-626.09

!THE IMPERIAL ANVIL!

ORE SAMPLES DISPLACEMENT CALCULATIONS FOR DRILLHOLE: 82F-03

FROM DEPTH	TO DEPTH	SAMPLE NO.	LITH CODE	FROM DISPLACEMENT NORTHING	FROM DISPLACEMENT EASTING	FROM DISPLACEMENT ELEVATION	TO DISPLACEMENT NORTHING	TO DISPLACEMENT EASTING	TO DISPLACEMENT ELEVATION	UTM OF MIDPOINT NORTHING	UTM OF MIDPOINT EASTING	UTM OF MIDPOINT ELEVATION
394.80	398.30	82018	2GE4	.13	5.59	-394.74	.13	5.69	-398.23	8289.93	15299.64	3634.51
423.40	428.30	82019	2H46	.19	6.55	-423.30	.21	6.74	-428.20	8290.00	15300.64	3605.25
428.30	432.00	82020	2E48	.21	6.74	-428.20	.23	6.89	-431.89	8290.02	15300.82	3600.96
432.00	436.30	82021	2E8	.23	6.89	-431.89	.25	7.07	-436.18	8290.04	15300.98	3596.96
436.30	441.00	82022	2E0	.25	7.07	-436.18	.28	7.27	-440.87	8290.06	15301.17	3592.47
441.00	449.70	82023	2E0	.28	7.27	-440.87	.34	7.67	-449.56	8290.11	15301.47	3585.78
449.70	456.90	82024	2C3	.34	7.67	-449.56	.39	8.01	-456.74	8290.16	15301.84	3577.85
456.90	464.50	82025	2C3	.39	8.01	-456.74	.46	8.40	-464.33	8290.23	15302.20	3570.47
464.50	465.30	82026	2H19	.46	8.40	-464.33	.47	8.44	-465.12	8290.26	15302.42	3566.28
465.30	470.50	82027	2CE0	.47	8.44	-465.12	.52	8.71	-470.31	8290.29	15302.57	3563.28
470.50	475.70	82028	2CE0	.52	8.71	-470.31	.57	8.99	-475.50	8290.35	15302.85	3558.10
475.70	480.80	82029	2CE0	.57	8.99	-475.50	.63	9.28	-480.59	8290.40	15303.13	3552.96
480.80	485.90	82030	2CE0	.63	9.28	-480.59	.69	9.57	-485.67	8290.46	15303.42	3547.87
485.90	491.00	82031	2CE4	.69	9.57	-485.67	.75	9.87	-490.76	8290.52	15303.72	3542.79
497.20	501.80	82033	2CE48	.84	10.25	-496.94	.90	10.54	-501.53	8290.67	15304.39	3531.77
501.80	506.40	82034	2CE48	.90	10.54	-501.53	.97	10.84	-506.11	8290.73	15304.69	3527.18
511.00	515.20	82036	2F10	1.03	11.14	-510.70	1.10	11.42	-514.88	8290.87	15305.28	3518.21
538.80	543.10	82042	2D34	1.51	13.11	-538.40	1.60	13.44	-542.68	8291.35	15307.27	3490.46
543.10	547.30	82043	2D34	1.60	13.44	-542.68	1.68	13.76	-546.87	8291.44	15307.60	3486.23
547.30	551.50	82044	2D34	1.68	13.76	-546.87	1.76	14.09	-551.05	8291.52	15307.93	3482.04
551.50	554.80	82045	2D34	1.76	14.09	-551.05	1.83	14.36	-554.34	8291.60	15308.22	3478.31
554.80	558.20	82046	2D34	1.83	14.36	-554.34	1.91	14.63	-557.72	8291.67	15308.49	3474.97
576.20	580.50	82051	2D4	2.32	16.15	-575.64	2.42	16.53	-579.93	8292.17	15310.34	3453.22
491.00	497.20	82032	2A14	.75	9.87	-490.76	.84	10.25	-496.94	8290.59	15304.06	3537.15
506.40	511.00	82035	2CE8	.97	10.84	-506.11	1.03	11.14	-510.70	8290.80	15304.99	3522.60
515.20	519.30	82037	2F14	1.10	11.42	-514.88	1.17	11.70	-518.97	8290.93	15305.56	3514.07
519.30	523.40	82038	2F14	1.17	11.70	-518.97	1.24	11.99	-523.06	8291.00	15305.84	3509.99
523.40	528.60	82039	2CE0	1.24	11.99	-523.06	1.33	12.36	-528.24	8291.08	15306.17	3505.35
528.60	533.70	82040	2CE0	1.33	12.36	-528.24	1.42	12.73	-533.32	8291.17	15306.54	3500.22
533.70	538.80	82041	2CE0	1.42	12.73	-533.32	1.51	13.11	-538.40	8291.26	15306.92	3495.14
558.20	562.70	82047	2B05	1.91	14.63	-557.72	2.00	15.00	-562.20	8291.75	15308.82	3471.04
562.70	567.20	82048	2B05	2.00	15.00	-562.20	2.11	15.38	-566.68	8291.85	15309.19	3466.56
567.20	571.70	82049	2B05	2.11	15.38	-566.68	2.21	15.76	-571.16	8291.96	15309.57	3462.08
571.70	576.20	82050	2B05	2.21	15.76	-571.16	2.32	16.15	-575.64	8292.06	15309.96	3457.60

!THE IMPERIAL ANVIL!

*** DRILLHOLE: 82F-03 ***

COLLAR LOCATION (GEOLOGICAL GRID)

NORTHING	EASTING	ELEVATION
.00	.00	.00

DRILLHOLE LOCATION BOX

MINIMUM NORTHING	MAXIMUM NORTHING	MINIMUM EASTING	MAXIMUM EASTING	MINIMUM ELEVATION	MAXIMUM ELEVATION
8289.80	8293.47	15294.00	15314.94	3404.81	4031.00

!THE IMPERIAL ANVIL!

SPLINE CALCULATIONS FOR DRILLHOLE: 82F-01

*** SURVEY DATA SUMMARY ***

COLLAR COORDINATES:

8841.50	NORTH
15313.20	EAST
4071.30	ELEVATION

DOWN-HOLE SURVEYS

SURVEY NO.	DEPTH	ZENITH	AZIMUTH
1	.0000E+00	180.0	52.00
2	86.00	177.0	52.00
3	286.0	177.5	56.00
4	486.0	177.0	92.00
5	686.0	175.8	74.00
6	886.0	173.5	84.00

!THE IMPERIAL ANVIL!

SPLINE CALCULATIONS FOR DRILLHOLE: 82F-01

*** SPLINE DATA SUMMARY ***

SPLINE COEFFICIENTS

DEPTH	A	B	C	D	E	F	G	H	P	Q	R	S
.00												
86.00	.0000E+00	.0000E+00	.2398E-03	.0000E+00	.0000E+00	.0000E+00	.1873E-03	.0000E+00	.0000E+00	-1.000	.7967E-05	.0000E+00
86.00												
286.00	1.773	.4124E-01	-.1270E-04	.0000E+00	1.386	.3222E-01	-.1957E-04	.0000E+00	-85.94	-.9986	-.1046E-05	.0000E+00
286.00												
486.00	9.514	.3616E-01	.4036E-04	.0000E+00	7.047	.2439E-01	-.6555E-04	.0000E+00	-285.7	-.9990	.1046E-05	.0000E+00
486.00												
686.00	18.36	.5230E-01	.4524E-04	.0000E+00	9.303	-.1826E-02	.5503E-04	.0000E+00	-485.5	-.9986	.3288E-05	.0000E+00
.00												
886.00	30.63	.7040E-01	.1055E-03	.0000E+00	11.14	.2019E-01	-.2089E-04	.0000E+00	-685.1	-.9973	.9357E-05	.0000E+00
886.00												
886.00	48.93	.1126	.0000E+00	.0000E+00	14.34	.1183E-01	.0000E+00	.0000E+00	-884.2	-.9936	.0000E+00	.0000E+00

!THE IMPERIAL ANVIL!

LITHOLOGY DISPLACEMENT CALCULATIONS FOR DRILLHOLE: 82F-01

TO-DEPTH	CODE	LITHOLOGICAL UNIT DESCRIPTION	RECOVERY	NORTHING	EASTING	ELEVATION
20.00			.00	.07	.10	-20.00
60.60	3D2		.00	.69	.88	-60.57
62.30	3D1		.00	.73	.93	-62.27
75.50	3D2		.00	1.07	1.37	-75.45
82.40	3D1		.00	1.27	1.63	-82.35
103.50	3D42		.00	1.94	2.49	-103.42
105.30	10D87		.00	2.00	2.56	-105.21
113.70	3D4		.00	2.26	2.91	-113.60
124.80	3D1		.00	2.61	3.35	-124.69
142.30	3D0		.00	3.14	4.06	-142.17
146.30	3D0		.00	3.26	4.21	-146.16
163.40	3D2		.00	3.76	4.89	-163.24
173.30	3D2		.00	4.05	5.28	-173.13
189.30	3D5		.00	4.51	5.90	-189.11
197.30	3D0		.00	4.73	6.21	-197.10
219.60	3D1		.00	5.34	7.06	-219.38
237.60	3D4		.00	5.82	7.73	-237.36
240.00	3D1		.00	5.88	7.82	-239.75
300.20	3D1		.00	7.38	10.04	-299.90
362.10	3D0		.00	8.52	12.50	-361.73
398.50	3A0		.00	8.96	14.09	-398.09
2.10	3D3		.00	9.00	14.26	-401.68
97.00	1D0		.00	9.29	18.94	-496.46
515.80	10E7		.00	9.30	19.96	-515.23
520.40	10D37		.00	9.31	20.21	-519.83
525.80	10E7		.00	9.32	20.51	-525.22
532.50	1D4		.00	9.34	20.89	-531.91
552.90	2C0		.00	9.43	22.06	-552.27
556.70	2D4		.00	9.45	22.28	-556.06
564.60	2CE4		.00	9.50	22.75	-563.95
570.80	2L0		.00	9.54	23.12	-570.14
579.20	2B45		.00	9.61	23.63	-578.52
595.30	2A0		.00	9.76	24.62	-594.59
600.80	2L0		.00	9.82	24.96	-600.08
604.80	2B05		.00	9.86	25.21	-604.07
608.90	2L14		.00	9.91	25.47	-608.16
628.40	1D4		.00	10.16	26.73	-627.61
638.50	1D4		.00	10.30	27.39	-637.69
675.50	1D04		.00	10.93	29.90	-674.60
775.00	10F4		.00	12.77	37.73	-773.76
777.40	1D0		.00	12.81	37.95	-776.15
793.90	1D4		.00	13.07	39.46	-792.57
806.00	1D4		.00	13.26	40.60	-804.61
818.60	1DC0		.00	13.45	41.82	-817.15
844.30	1D4		.00	13.81	44.42	-842.71
871.50	10F9		.00	14.17	47.32	-869.75
75.00	10F9		.00	14.21	47.70	-873.23

!THE IMPERIAL ANVIL!

LITHOLOGY DISPLACEMENT CALCULATIONS FOR DRILLHOLE: 82F-01

TO-DEPTH	CODE	LITHOLOGICAL UNIT DESCRIPTION	RECOVERY	NORTHING	EASTING	ELEVATION
878.50	1D4		.00	14.25	48.09	-876.71
882.10	10Q0		.00	14.30	48.49	-880.28
884.60	1D4		.00	14.32	48.77	-882.77
886.70	1D0		.00	14.35	49.01	-884.86
888.60	1D0		.00	14.37	49.22	-886.74
903.00	1D0		.00	14.54	50.84	-901.05

!THE IMPERIAL ANVIL!

STRUCTURE DISPLACEMENT CALCULATIONS FOR DRILLHOLE: 82F-01

FROM DEPTH	TO DEPTH	FEAT CODE	SYM	FROM DISPLACEMENT NORTHING	FROM DISPLACEMENT EASTING	FROM DISPLACEMENT ELEVATION	TO DISPLACEMENT NORTHING	TO DISPLACEMENT EASTING	TO DISPLACEMENT ELEVATION
.00	554.00	CPB		.00	.00	.00	9.43	22.13	-553.37
.00	577.40	CPB		.00	.00	.00	9.60	23.52	-576.72
.00	595.30		R	.00	.00	.00	9.76	24.62	-594.59
.00	599.70	PS2		.00	.00	.00	9.81	24.89	-598.98
.00	600.80		P	.00	.00	.00	9.82	24.96	-600.08
.00	608.90		R	.00	.00	.00	9.91	25.47	-608.16
.00	613.30	CS4	Z	.00	.00	.00	9.96	25.75	-612.55
.00	618.20	CS4	Z	.00	.00	.00	10.02	26.07	-617.44
.00	647.10	IND		.00	.00	.00	10.44	27.96	-646.27
.00	666.00		M	.00	.00	.00	10.76	29.24	-665.12
.00	666.50	CS4	3	.00	.00	.00	10.77	29.28	-665.62
.00	675.50		D	.00	.00	.00	10.93	29.90	-674.60
.00	777.40	CTC		.00	.00	.00	12.81	37.95	-776.15
.00	777.40		R	.00	.00	.00	12.81	37.95	-776.15
.00	796.70	CS4	M	.00	.00	.00	13.12	39.72	-795.36
.00	816.30	CS4		.00	.00	.00	13.42	41.59	-814.86
.00	838.90	CS4		.00	.00	.00	13.74	43.86	-837.34
.00	844.30		D	.00	.00	.00	13.81	44.42	-842.71
.00	875.00	CTC		.00	.00	.00	14.21	47.70	-873.23
.00	888.60		R	.00	.00	.00	14.37	49.22	-886.74
.00	890.30	CS4	Z	.00	.00	.00	14.39	49.41	-888.43
630.00	673.00		3	10.18	26.83	-629.21	10.89	29.72	-672.11
775.00	888.00		S	12.77	37.73	-773.76	14.37	49.15	-886.15
888.00	903.00		Z	14.37	49.15	-886.15	14.54	50.84	-901.05
605.00	606.00	BX		9.87	25.23	-604.27	9.88	25.29	-605.26
.00	599.00	SHR		.00	.00	.00	9.80	24.85	-598.28
.00	625.00	SHR		.00	.00	.00	10.11	26.50	-624.22
628.50	635.00	SHR		10.16	26.73	-627.71	10.25	27.16	-634.20
661.00	663.00	SHR		10.67	28.90	-660.14	10.70	29.04	-662.13
774.70	779.00	SHR		12.77	37.71	-773.46	12.84	38.09	-777.74
805.00	806.00	BX		13.25	40.50	-803.62	13.26	40.60	-804.61
823.30	826.00	BX		13.52	42.29	-821.83	13.56	42.55	-824.51
833.00	836.00	BX		13.66	43.26	-831.47	13.70	43.56	-834.46
842.00	844.70	BX		13.78	44.18	-840.42	13.82	44.46	-843.11
.00	852.80			.00	.00	.00	13.93	45.31	-851.16
875.00	877.00			14.21	47.70	-873.23	14.23	47.92	-875.22
894.00	895.60			14.44	49.83	-892.11	14.46	50.01	-893.70

!THE IMPERIAL ANVIL!

ORE SAMPLES DISPLACEMENT CALCULATIONS FOR DRILLHOLE: 82F-01

FROM DEPTH	TO DEPTH	SAMPLE NO.	LITH CODE	FROM DISPLACEMENT NORTHING	FROM DISPLACEMENT EASTING	FROM DISPLACEMENT ELEVATION	TO DISPLACEMENT NORTHING	TO DISPLACEMENT EASTING	TO DISPLACEMENT ELEVATION	UTM OF MIDPOINT NORTHING	UTM OF MIDPOINT EASTING	UTM OF MIDPOINT ELEVATION
537.60	542.70	82002	2C07	9.36	21.18	-537.00	9.38	21.47	-542.09	8850.87	15334.53	3531.76
556.70	560.70	82006	2CE4	9.45	22.28	-556.06	9.47	22.52	-560.06	8850.96	15335.60	3513.24
560.70	564.60	82007	2CE4	9.47	22.52	-560.06	9.50	22.75	-563.95	8850.99	15335.83	3509.30
564.60	567.70	82008	2L34	9.50	22.75	-563.95	9.52	22.94	-567.04	8851.01	15336.04	3505.80
567.70	570.80	82009	2L3	9.52	22.94	-567.04	9.54	23.12	-570.14	8851.03	15336.23	3502.71
570.80	575.00	82010	2B45	9.54	23.12	-570.14	9.58	23.37	-574.33	8851.06	15336.45	3499.07
604.80	608.90	82017	2L14	9.86	25.21	-604.07	9.91	25.47	-608.16	8851.39	15338.54	3465.19
575.00	579.20	82011	2B45	9.58	23.37	-574.33	9.61	23.63	-578.52	8851.09	15336.70	3494.88
600.80	604.80	82016	2B05	9.82	24.96	-600.08	9.86	25.21	-604.07	8851.34	15338.29	3469.23
532.50	537.60	82001	2C07	9.34	20.89	-531.91	9.36	21.18	-537.00	8850.85	15334.23	3536.85
542.70	547.80	82003	2C07	9.38	21.47	-542.09	9.40	21.77	-547.18	8850.89	15334.82	3526.67
547.80	552.90	82004	2C07	9.40	21.77	-547.18	9.43	22.06	-552.27	8850.91	15335.11	3521.58
591.20	595.30	82015	2A4	9.72	24.36	-590.50	9.76	24.62	-594.59	8851.24	15337.69	3478.76
579.20	583.20	82012	2A0	9.61	23.63	-578.52	9.65	23.87	-582.51	8851.13	15336.95	3490.78
583.20	587.20	82013	2A0	9.65	23.87	-582.51	9.68	24.12	-586.50	8851.16	15337.19	3486.79
587.20	591.20	82014	2A0	9.68	24.12	-586.50	9.72	24.36	-590.50	8851.20	15337.44	3482.80
552.90	556.70	82005	2D4	9.43	22.06	-552.27	9.45	22.28	-556.06	8850.94	15335.37	3517.13

!THE IMPERIAL ANVIL!

*** DRILLHOLE: 82F-01 ***

COLLAR LOCATION (GEOLOGICAL GRID)

NORTHING	EASTING	ELEVATION
.00	.00	.00

DRILLHOLE LOCATION BOX

MINIMUM NORTHING	MAXIMUM NORTHING	MINIMUM EASTING	MAXIMUM EASTING	MINIMUM ELEVATION	MAXIMUM ELEVATION
8841.50	8856.04	15313.20	15364.04	3170.25	4071.30

*** DH030 EXECUTION ENDS ***

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*
* C Y P R U S A N V I L M I N I N G C O R P O R A T I O N
*
****
*
* SYSTEM = DDHDB
* PROGRAM = DH031
*
* MON, OCT 19, 1987, 12:28 PM
*
****
*
* PERFORM STRUCTURAL CALCULATIONS AND
* UPDATE DATABASE
*
****

!THE IMPERIAL ANVIL!

STRUCTURAL SOLUTION CALCULATIONS FOR DRILLHOLE: 82F-03

REFERENCE FABRIC ELEMENT IS S2

				SX-1 PLANE				SX PLANE				SX+1 PLANE			
DDH METRES	ZENITH ANGLE	AZIMUTH	RFE DEPTH	OBSERVED CA	OBSERVED DIPD	CALCULATED DIP	CALCULATED DIPD	OBSERVED CA	OBSERVED DIPD	CALCULATED DIP	CALCULATED DIPD	OBSERVED CA	OBSERVED DIPD	CALCULATED DIP	CALCULATED DIPD
380.0	178.0	94.1	380.0	*** NO DATA FOR SX-1 ***				35.	210.	55.9	210.0				
380.0	178.0	94.1	380.0	*** NO DATA FOR SX-1 ***				35.	210.	54.1	30.0				
385.0	177.8	92.4	385.0	*** NO DATA FOR SX-1 ***				10.	210.	81.0	210.0				
385.0	177.8	92.4	385.0	*** NO DATA FOR SX-1 ***				10.	210.	79.0	30.0				
390.0	177.7	90.9	390.0	*** NO DATA FOR SX-1 ***				25.	210.	66.1	210.0				
390.0	177.7	90.9	390.0	*** NO DATA FOR SX-1 ***				25.	210.	63.9	30.0				
409.2	177.2	86.5	409.1	*** NO DATA FOR SX-1 ***				65.	210.	26.4	210.0				
409.2	177.2	86.5	409.1	*** NO DATA FOR SX-1 ***				65.	210.	23.3	30.0				
592.0	174.4	74.3	592.0	58.	20.	37.1	231.7	25.	210.	69.0	210.0				
592.0	174.4	74.3	592.0	58.	20.	26.9	47.8	25.	210.	60.9	30.0				
605.0	174.2	74.0	605.0	65.	0.	29.3	215.7	25.	210.	69.1	210.0				
605.0	174.2	74.0	605.0	65.	0.	29.3	215.9	25.	210.	69.1	210.0				
605.0	174.2	74.0	605.0	65.	0.	21.0	22.2	25.	210.	60.8	30.0				
605.0	174.2	74.0	605.0	65.	0.	21.0	21.9	25.	210.	60.8	30.0				
617.0	174.2	74.0	617.0	62.	0.	32.3	214.9	25.	210.	69.1	210.0				
617.0	174.2	74.0	617.0	62.	0.	32.3	215.1	25.	210.	69.1	210.0				
617.0	174.2	74.0	617.0	62.	0.	24.0	23.5	25.	210.	60.8	30.0				
617.0	174.2	74.0	617.0	62.	0.	24.0	23.3	25.	210.	60.8	30.0				
624.0	174.2	74.0	624.0	65.	0.	29.3	215.7	25.	210.	69.1	210.0				
624.0	174.2	74.0	624.0	65.	0.	29.3	215.9	25.	210.	69.1	210.0				
624.0	174.2	74.0	624.0	65.	0.	21.0	22.1	25.	210.	60.8	30.0				
624.0	174.2	74.0	624.0	65.	0.	21.0	21.9	25.	210.	60.8	30.0				

!THE IMPERIAL ANVIL!

STRUCTURAL SOLUTION CALCULATIONS FOR DRILLHOLE: 82F-01

REFERENCE FABRIC ELEMENT IS S2

DDH	ZENITH		RFE	SX-1 PLANE				SX PLANE				SX+1 PLANE			
				OBSERVED		CALCULATED		OBSERVED		CALCULATED		OBSERVED		CALCULATED	
METRES	ANGLE	AZIMUTH	DEPTH	CA	DIPD	DIP	DIPD	CA	DIPD	DIP	DIPD	CA	DIPD	DIP	DIPD
554.0	176.5	84.5	554.0	*** NO DATA FOR SX-1 ***				48.	210.	43.9	210.0				
554.0	176.5	84.5	554.0	*** NO DATA FOR SX-1 ***				48.	210.	39.9	30.0				
577.4	176.4	82.3	577.4	*** NO DATA FOR SX-1 ***				75.	210.	16.9	210.0				
577.4	176.4	82.3	577.4	*** NO DATA FOR SX-1 ***				75.	210.	12.5	30.0				
595.3	176.3	80.7	595.2					*** NO SOLUTION FOR RFE PLANE ***							
599.7	176.3	80.3	599.7	*** NO DATA FOR SX-1 ***				77.	210.	15.1	210.0				
599.7	176.3	80.3	599.7	*** NO DATA FOR SX-1 ***				77.	210.	10.3	30.0				
600.8	176.3	80.2	600.7					*** NO SOLUTION FOR RFE PLANE ***							
608.9	176.2	79.5	608.9					*** NO SOLUTION FOR RFE PLANE ***							
613.3	176.2	79.2	613.2	65.	180.	23.7	5.7	63.	200.	28.9	200.0				
613.3	176.2	79.2	613.2	65.	180.	27.5	212.4	63.	200.	24.9	20.0				
618.2	176.2	78.8	618.2	73.	0.	18.9	203.2	65.	200.	26.8	200.0				
618.2	176.2	78.8	618.2	73.	0.	18.9	203.4	65.	200.	26.8	200.0				
618.2	176.2	78.8	618.2	73.	0.	14.9	15.9	65.	200.	22.8	20.0				
618.2	176.2	78.8	618.2	73.	0.	14.9	15.7	65.	200.	22.8	20.0				
647.1	176.0	76.6	647.1	*** NO DATA FOR SX-1 ***				57.	200.	35.1	200.0				
647.1	176.0	76.6	647.1	*** NO DATA FOR SX-1 ***				57.	200.	30.6	20.0				
666.0	175.9	75.3	666.0					*** NO SOLUTION FOR RFE PLANE ***							
666.5	175.9	75.3	666.5	*** NO DATA FOR SX-1 ***				52.	210.	40.8	210.0				
666.5	175.9	75.3	666.5	*** NO DATA FOR SX-1 ***				52.	210.	35.0	30.0				
675.5	175.9	74.7	675.5					*** NO SOLUTION FOR RFE PLANE ***							
777.4	174.6	79.7	777.3					*** NO SOLUTION FOR RFE PLANE ***							
796.7	174.4	80.6	796.7	*** NO DATA FOR SX-1 ***				71.	210.	22.1	210.0				
796.7	174.4	80.6	796.7	*** NO DATA FOR SX-1 ***				71.	210.	15.0	30.0				
816.3	174.2	81.4	816.2	*** NO DATA FOR SX-1 ***				60.	210.	33.3	210.0				
816.3	174.2	81.4	816.2	*** NO DATA FOR SX-1 ***				60.	210.	26.1	30.0				
838.9	174.0	82.3	838.9	*** NO DATA FOR SX-1 ***				65.	210.	28.3	210.0				
838.9	174.0	82.3	838.9	*** NO DATA FOR SX-1 ***				65.	210.	20.9	30.0				
844.3	173.9	82.5	844.3					*** NO SOLUTION FOR RFE PLANE ***							

!THE IMPERIAL ANVIL!

STRUCTURAL SOLUTION CALCULATIONS FOR DRILLHOLE: 82F-01

REFERENCE FABRIC ELEMENT IS S2

				SX-1 PLANE				SX PLANE				SX+1 PLANE			
DDH METRES	ZENITH ANGLE	AZIMUTH	RFE DEPTH	OBSERVED CA	OBSERVED DIPD	CALCULATED DIP	CALCULATED DIPD	OBSERVED CA	OBSERVED DIPD	CALCULATED DIP	CALCULATED DIPD	OBSERVED CA	OBSERVED DIPD	CALCULATED DIP	CALCULATED DIPD
875.0	173.6	83.6	875.0					*** NO SOLUTION FOR RFE PLANE ***							
888.6	173.5	84.0	888.6					*** NO SOLUTION FOR RFE PLANE ***							
890.3	173.5	84.0	890.3	74.	180.	14.9	352.2	70.	210.	23.2	210.0				
890.3	173.5	84.0	890.3	74.	180.	21.4	235.5	70.	210.	15.5	30.0				

*** DH031 EXECUTION ENDS ***