Welex

DIP LOG CALCULATIONS

COMPANY	REICHHOLD ENERGY CORPORATION
WELL	COLUMBIA COUNTY NO.6 REDRILL NO.1
FIELD	NEHALEM BASIN
COUNTY	COLUMBIA STATE OREGON

WELEX

A Halliburton Company

CORRELATION INTERVAL		CORR. GRADE	DIP ANGLE	DIP AZ.	DRFT ANGLE	DRFT AZ.	AZ. NO.1	DIA 13	DISPLACEMENTS NO.1	NO.2	NO.3
428.0	429.0	C	28.7	56.	2.1	97.	169.	6.5	0.0	0.60	=2.50
433.8	434.0	C	25.4	145.	2.1	101.	304.	6.5	0.0	=1.90	=2.80
440.0	441.0	C	27.6	339.	2.2	122.	205.	6.6	0.0	=2.70	=0.80
444.0	446.0	B	27.4	317.	2.2	144.	152.	6.6	0.0	=2.60	=1.90
446.0	446.0	B	12.2	262.	2.3	136.	112.	6.6	0.0	=1.10	=0.40
454.0	454.3	C	6.2	163.	2.3	128.	20.	6.7	0.0	=0.80	=0.20
457.0	457.3	B	4.2	143.	2.4	112.	321.	6.7	0.0	=0.60	=0.80
460.0	460.3	C	20.1	179.	2.4	104.	257.	6.7	0.0	1.30	=0.90
473.0	474.0	C	28.2	297.	2.4	93.	127.	6.9	0.0	=2.70	=2.30
496.0	498.0	C	53.5	312.	2.5	85.	83.	7.1	0.0	=1.20	=7.30
500.0	501.0	C	13.4	232.	2.7	84.	86.	7.1	0.0	=1.20	=0.40
504.0	505.0	B	9.3	280.	2.9	85.	82.	7.1	0.0	=0.40	=0.70
508.0	508.7	A	10.7	252.	3.2	83.	82.	7.2	0.0	=0.80	=0.60
513.0	514.0	B	10.6	255.	3.7	82.	65.	7.2	0.0	=0.60	=0.70
515.0	516.0	A	11.6	233.	3.9	81.	61.	7.2	0.0	=0.90	=0.60
519.0	520.0	C	9.9	220.	4.2	82.	56.	7.3	0.0	=0.80	=0.30
523.0	524.0	C	14.0	244.	4.5	81.	46.	7.1	0.0	=0.80	=1.00
527.0	528.0	B	9.1	212.	4.7	79.	47.	7.0	0.0	=0.70	=0.20
528.0	529.0	B	11.1	225.	4.7	79.	46.	7.0	0.0	=0.80	=0.50
530.0	531.0	C	14.7	237.	4.8	77.	44.	7.0	0.0	=0.90	=1.00
534.0	534.3	B	13.1	209.	4.9	75.	37.	7.0	0.0	=1.10	=0.60
537.0	537.2	B	10.9	208.	5.1	77.	35.	7.0	0.0	=0.90	=0.40
539.0	540.0	B	14.5	228.	5.1	76.	30.	7.0	0.0	=0.90	=1.00
543.0	543.1	B	8.7	241.	5.3	78.	25.	7.0	0.0	=0.30	=0.40
547.0	547.3	B	16.2	200.	5.5	75.	34.	7.1	0.0	=1.50	=0.70
550.0	550.3	A	16.3	209.	5.6	74.	30.	7.5	0.0	=1.50	=0.90
553.0	554.0	C	8.2	200.	5.7	73.	29.	7.6	0.0	=0.70	=0.10
557.0	558.0	C	11.1	222.	5.9	69.	35.	7.5	0.0	=0.70	=0.50
561.0	562.0	C	6.9	221.	6.0	69.	27.	7.4	0.0	=0.50	=0.30
564.0	565.0	C	9.1	231.	6.2	68.	36.	7.5	0.0	=0.40	=0.30
571.0	572.0	D	15.5	205.	6.5	66.	27.	7.6	0.0	=1.30	=0.60
585.0	585.5	C	5.1	251.	7.6	60.	298.	7.1	0.0	=0.20	0.10
587.3	587.5	C	9.5	203.	7.8	60.	288.	7.2	0.0	=0.20	=0.60
593.0	594.0	C	13.7	229.	8.3	59.	295.	7.1	0.0	0.40	=0.20
595.0	596.0	B	2.8	255.	8.5	58.	296.	7.1	0.0	=0.50	0.10
597.0	598.0	B	12.4	229.	8.7	56.	289.	7.0	0.0	0.30	=0.10
599.7	600.0	A	4.1	236.	8.9	58.	276.	6.9	0.0	=0.50	=0.20
602.0	603.0	B	11.1	226.	9.1	59.	265.	6.9	0.0	0.20	=0.10
605.0	606.0	B	6.4	238.	9.3	58.	255.	6.9	0.0	=0.30	=0.20
609.0	610.0	B	9.5	269.	9.6	59.	236.	7.0	0.0	=0.40	0.10
611.0	612.0	B	6.5	209.	9.7	58.	227.	7.0	0.0	=0.10	=0.50
616.0	617.0	A	4.4	297.	10.0	58.	212.	7.0	0.0	=0.80	=0.80
621.0	622.0	B	5.8	246.	10.3	55.	198.	7.0	0.0	=0.30	=0.50
622.0	623.0	A	16.1	287.	10.4	54.	199.	7.0	0.0	=1.30	=0.20
626.0	627.0	B	5.5	257.	10.5	54.	193.	6.9	0.0	=0.40	=0.60
630.0	630.3	A	3.8	225.	10.5	53.	193.	7.0	0.0	=0.20	=0.70
633.0	633.1	B	4.7	231.	10.5	50.	188.	7.0	0.0	=0.20	=0.60
634.0	634.3	A	3.6	213.	10.5	50.	186.	7.0	0.0	=0.10	=0.70
636.0	637.0	B	18.8	250.	10.5	52.	161.	6.9	0.0	=0.50	0.50
640.0	641.0	B	4.4	182.	10.5	55.	180.	7.0	0.0	0.30	=0.60
643.0	644.0	A	9.1	225.	10.5	53.	180.	7.0	0.0	0.10	=0.10
646.0	647.0	B	8.4	253.	10.5	50.	180.	7.1	0.0	=0.40	=0.40
662.0	663.0	A	25.8	99.	10.4	42.	171.	7.1	0.0	2.20	=1.70
665.0	666.0	B	47.5	73.	10.4	40.	171.	7.2	0.0	2.90	=6.30
667.0	668.0	B	24.9	135.	10.4	40.	172.	7.3	0.0	2.70	0.10

CORRELATION INTERVAL		CORR. GRADE	DIP ANGLE	DIP AZ.	DRFT ANGLE	DRFT AZ.	DIA NO.1	DIA 13	DISPLACEMENTS NO.1	NO.2	NO.3
671.0	672.0	C	29.3	123.	10.4	37.	165.	7.3	0.0	3.40	0.10
678.0	678.7	D	22.6	223.	10.3	34.	146.	7.3	0.0	-0.60	0.80
683.0	684.0	C	16.3	212.	10.3	28.	109.	7.0	0.0	-0.50	0.10
685.0	686.0	A	16.2	212.	10.2	28.	90.	7.0	0.0	-0.60	-0.10
687.0	688.0	D	32.9	211.	10.2	31.	80.	7.0	0.0	-2.40	-0.50
691.0	692.0	B	25.2	247.	10.2	29.	60.	7.0	0.0	-1.10	-2.00
693.0	694.0	A	23.5	227.	10.2	30.	41.	7.0	0.0	-1.00	-1.50
699.0	700.0	C	12.5	352.	10.1	31.	30.	7.5	0.0	2.50	1.60
704.0	705.0	C	13.1	44.	10.1	35.	22.	6.9	0.0	1.70	2.50
713.0	713.2	C	9.3	213.	10.4	32.	23.	7.0	0.0	0.10	0.10
715.0	716.0	C	6.3	200.	10.4	37.	23.	7.0	0.0	0.20	0.50
722.0	723.0	C	18.4	135.	10.7	35.	161.	7.0	0.0	1.90	0.10
727.0	728.0	B	15.4	261.	10.8	37.	5.	7.1	0.0	1.00	0.0
730.0	731.0	B	12.8	238.	10.9	39.	353.	7.1	0.0	0.40	0.0
733.0	734.0	B	14.5	217.	11.0	42.	355.	7.3	0.0	-0.20	-0.40
738.0	740.0	B	21.8	209.	11.2	40.	354.	7.2	0.0	-0.70	-1.20
743.0	744.0	B	18.7	205.	11.3	41.	348.	7.2	0.0	-0.60	-0.90
747.0	748.0	C	17.2	161.	11.2	40.	353.	6.9	0.0	-1.60	-0.30
751.0	752.0	D	30.7	120.	11.1	39.	352.	7.0	0.0	-3.20	0.60
755.0	756.0	C	29.0	266.	11.0	42.	331.	7.0	0.0	2.40	0.60
761.0	761.2	C	18.0	244.	10.9	41.	266.	7.2	0.0	0.80	0.90
763.0	764.0	C	16.0	270.	11.0	39.	261.	7.3	0.0	0.20	1.30
766.0	767.0	B	16.6	245.	11.2	39.	248.	7.3	0.0	0.40	0.90
770.0	771.0	B	26.4	265.	11.5	44.	240.	7.3	0.0	0.50	2.10
775.0	776.0	B	25.1	265.	11.8	39.	234.	6.8	0.0	0.10	1.80
779.0	780.0	B	27.4	252.	12.0	41.	211.	6.9	0.0	0.0	1.70
783.0	784.0	C	22.6	180.	12.3	39.	208.	6.8	0.0	1.40	0.10
786.0	787.0	C	33.7	229.	12.4	42.	207.	6.8	0.0	1.30	2.30
788.0	788.3	B	20.2	194.	12.5	45.	212.	6.8	0.0	1.10	0.20
794.0	795.0	A	3.5	36.	12.8	39.	168.	6.9	0.0	-0.20	-1.60
796.0	797.0	B	16.9	210.	12.9	41.	159.	6.9	0.0	0.30	0.50
799.0	800.0	A	12.7	205.	13.1	43.	164.	6.9	0.0	0.40	0.10
803.0	804.0	A	15.4	227.	13.3	39.	166.	6.9	0.0	-0.20	0.10
807.0	808.0	B	21.0	265.	13.5	42.	169.	7.0	0.0	-1.50	-0.40
810.0	811.0	C	13.6	157.	13.6	38.	170.	7.0	0.0	1.10	-0.30
813.0	814.0	C	34.5	233.	13.8	36.	164.	7.1	0.0	-0.80	1.60
817.0	818.0	C	31.2	177.	13.9	39.	151.	7.1	0.0	2.10	2.30
820.0	821.0	B	17.1	142.	14.1	38.	145.	7.3	0.0	2.10	0.50
827.0	828.0	B	18.2	203.	14.2	37.	107.	6.9	0.0	0.0	0.50
828.0	829.0	B	16.5	169.	14.2	37.	101.	6.9	0.0	0.40	0.60
835.8	836.0	C	8.0	134.	14.3	40.	60.	6.5	0.0	1.20	1.50
838.0	838.3	B	30.4	193.	14.4	39.	62.	6.5	0.0	-1.50	0.20
841.0	842.0	C	22.2	226.	14.4	38.	60.	6.5	0.0	-0.70	-0.70
849.0	850.0	C	12.2	175.	14.5	37.	46.	6.5	0.0	0.20	0.90
855.0	856.0	B	10.8	266.	14.5	37.	44.	6.5	0.0	1.00	0.10
857.0	858.0	C	15.5	186.	14.5	35.	43.	6.5	0.0	-0.20	0.50
861.7	862.0	C	21.1	262.	14.5	37.	37.	6.5	0.0	0.70	-0.80
865.0	865.3	C	15.8	265.	14.5	40.	36.	6.5	0.0	0.90	-0.20
867.0	868.0	B	21.4	260.	14.5	39.	36.	6.5	0.0	0.60	-0.80
869.7	870.0	B	20.0	255.	14.5	38.	36.	6.5	0.0	0.50	-0.70
873.0	874.0	B	20.6	266.	14.5	36.	36.	6.5	0.0	0.90	-0.70
877.0	877.1	C	21.9	264.	14.5	34.	37.	6.5	0.0	0.80	-0.90
879.5	880.0	A	22.0	268.	14.5	34.	38.	6.5	0.0	0.90	-0.90
883.0	884.0	B	19.6	279.	14.4	33.	43.	6.5	0.0	1.20	-0.70
885.0	886.0	A	20.2	278.	14.4	31.	43.	6.5	0.0	1.20	-0.80

CORRELATION INTERVAL		CORR. GRADE	DIP ANGLE	DIP AZ.	DRFT ANGLE	DRFT AZ.	DIA NO.1	DIA 13	DISPLACEMENTS NO.1	NO.2	NO.3
889.0	890.0	B	21.6	286.	14.3	28.	43.	6.5	0.0	1.50	-0.90
892.0	893.0	C	16.0	99.	14.3	30.	43.	6.5	0.0	1.50	2.60
897.0	898.0	C	22.0	132.	14.2	26.	37.	6.5	0.0	0.0	2.00
909.0	909.2	C	12.4	332.	14.3	24.	256.	6.4	0.0	-1.70	0.70
913.0	913.3	B	7.1	280.	14.4	25.	228.	6.3	0.0	-1.30	-0.20
914.0	915.0	A	4.0	257.	14.4	25.	220.	6.3	0.0	-1.20	-0.60
920.0	921.0	C	18.1	201.	14.5	22.	141.	6.4	0.0	0.0	0.30
924.0	924.6	B	7.1	252.	14.5	23.	81.	6.4	0.0	0.60	-0.50
927.2	927.3	B	14.7	236.	14.6	23.	47.	6.4	0.0	0.30	-0.50
931.0	931.3	B	2.8	350.	14.6	23.	28.	6.4	0.0	1.60	1.30
936.0	937.0	C	10.9	118.	14.7	24.	346.	6.4	0.0	-0.50	1.20
942.0	943.0	B	16.6	269.	14.8	23.	228.	6.4	0.0	-0.90	0.80
946.0	946.3	B	15.0	275.	14.8	23.	191.	6.4	0.0	-1.70	-0.50
948.0	949.0	A	11.4	43.	14.9	22.	143.	6.4	0.0	0.40	-2.10
951.0	951.3	B	11.6	346.	14.9	22.	101.	6.4	0.0	1.10	-1.50
954.0	954.3	A	5.5	270.	14.9	22.	73.	6.4	0.0	1.00	-0.30
957.0	958.0	B	3.5	107.	15.0	22.	50.	6.4	0.0	1.50	1.10
961.0	962.0	C	5.9	157.	15.0	23.	29.	6.4	0.0	0.80	1.10
964.0	964.8	A	2.5	267.	15.1	24.	323.	6.4	0.0	0.20	1.30
967.0	967.3	B	15.5	165.	15.1	24.	343.	6.4	0.0	-0.80	0.10
968.0	968.3	A	24.5	140.	15.1	24.	327.	6.4	0.0	-2.20	-0.70
972.0	973.0	B	7.5	186.	15.2	23.	240.	6.4	0.0	-0.80	-0.50
975.0	976.0	D	9.6	238.	15.2	23.	192.	6.4	0.0	-0.90	-0.50
979.0	980.0	B	12.2	108.	15.3	23.	129.	6.4	0.0	1.60	-0.30
981.0	982.0	C	2.4	133.	15.3	23.	96.	6.4	0.0	1.20	-0.10
985.0	986.0	B	4.8	225.	15.3	23.	47.	6.4	0.0	1.10	0.50
986.0	987.0	A	6.5	330.	15.3	23.	41.	6.4	0.0	2.00	0.90
989.0	990.0	B	7.5	278.	15.4	23.	31.	6.4	0.0	1.50	0.60
992.0	993.0	B	6.5	210.	15.4	27.	31.	6.4	0.0	0.80	0.70
995.0	996.0	C	8.9	262.	15.4	24.	26.	6.5	0.0	1.30	0.50
998.0	999.0	A	16.8	294.	15.5	26.	24.	6.5	0.0	2.20	0.50
1001.0	1002.0	B	6.3	168.	15.5	26.	25.	6.5	0.0	0.70	1.10
1002.0	1003.0	B	1.0	116.	15.5	25.	25.	6.5	0.0	1.30	1.40
1004.0	1006.0	A	24.4	199.	15.5	26.	217.	6.5	0.0	0.90	0.50
1009.0	1010.0	C	14.1	34.	15.6	26.	358.	6.5	0.0	1.50	3.20
1012.0	1013.0	C	44.3	269.	15.6	23.	302.	6.5	0.0	4.60	3.30
1017.0	1018.0	C	16.8	87.	15.7	24.	218.	6.5	0.0	-1.90	-2.90
1022.0	1022.5	C	12.7	101.	15.7	25.	148.	6.5	0.0	1.20	-1.10
1025.0	1026.0	C	11.5	43.	15.7	23.	104.	6.5	0.0	2.10	-0.60
1028.0	1029.0	A	12.5	306.	15.8	25.	58.	6.5	0.0	1.80	-0.30
1032.0	1033.0	B	7.8	198.	15.8	27.	35.	6.5	0.0	0.70	0.70
1038.0	1039.0	A	4.0	190.	15.9	28.	29.	6.5	0.0	1.00	1.10
1043.6	1044.0	B	23.7	266.	16.0	29.	195.	6.5	0.0	-1.60	0.30
1045.0	1045.3	C	9.3	170.	16.0	29.	14.	6.6	0.0	0.20	1.00
1047.0	1048.0	C	6.3	110.	16.0	29.	5.	6.6	0.0	0.50	1.80
1051.0	1052.0	B	17.6	148.	16.1	26.	291.	6.6	0.0	-1.60	-1.10
1053.0	1054.0	B	13.6	152.	16.1	27.	253.	6.6	0.0	-1.10	-1.30
1055.0	1056.0	A	11.5	159.	16.1	27.	223.	6.6	0.0	-0.60	-1.20
1058.0	1059.0	C	8.6	175.	16.1	27.	180.	6.6	0.0	-0.10	-0.90
1060.0	1061.0	B	6.0	195.	16.2	26.	152.	6.6	0.0	0.0	-0.90
1064.0	1065.0	B	9.7	175.	16.2	25.	98.	6.6	0.0	0.90	0.30
1067.0	1068.0	B	3.3	198.	16.2	25.	49.	6.6	0.0	1.30	0.80
1069.0	1070.0	B	4.2	199.	16.2	26.	33.	6.6	0.0	1.10	1.00
1075.0	1076.0	A	11.4	151.	16.2	29.	5.	6.6	0.0	-0.20	1.10
1077.0	1078.0	B	11.6	174.	16.2	29.	355.	6.5	0.0	-0.30	0.60

CORRELATION INTERVAL		CORR. GRADE	DIP ANGLE	DIP AZ.	DRFT ANGLE	DRFT AZ.	DIA NO.1	DIA 13	DISPLACEMENTS NO.1	NO.2	NO.3
1083.0	1083.3	C	8.6	97.	16.2	25.	252.	6.5	0.0	-2.10	-1.30
1090.0	1091.0	B	9.6	132.	16.2	25.	173.	6.5	0.0	0.20	-1.30
1093.0	1093.1	B	9.2	49.	16.2	25.	148.	6.5	0.0	0.30	-2.10
1096.0	1097.0	A	1.4	290.	16.2	25.	133.	6.5	0.0	0.20	-1.30
1099.0	1100.0	C	7.0	211.	16.2	26.	123.	6.5	0.0	0.30	-0.60
1101.0	1102.0	B	5.7	48.	16.2	26.	113.	6.5	0.0	1.40	-0.60
1104.0	1104.3	B	17.6	222.	16.3	25.	97.	6.5	0.0	-0.40	-0.50
1107.0	1107.3	C	11.7	208.	16.4	26.	88.	6.5	0.0	0.40	0.0
1113.0	1114.0	C	3.6	168.	16.5	25.	47.	6.6	0.0	1.30	0.90
1115.0	1116.0	B	4.1	173.	16.6	26.	40.	6.5	0.0	1.20	1.10
1118.0	1119.0	C	7.1	174.	16.7	26.	33.	6.5	0.0	0.80	1.10
1123.0	1123.5	C	6.3	228.	16.8	28.	26.	6.5	0.0	1.00	0.80
1125.0	1126.0	B	7.0	236.	16.8	29.	17.	6.5	0.0	1.00	0.90
1129.0	1130.0	C	5.5	211.	16.9	28.	11.	6.5	0.0	0.80	1.10
1131.0	1132.0	C	10.3	270.	17.0	26.	10.	6.5	0.0	1.50	1.00
1135.0	1136.0	B	11.1	203.	17.1	28.	7.	6.5	0.0	0.30	0.60
1137.0	1138.0	B	4.1	227.	17.1	29.	6.	6.5	0.0	0.90	1.30
1139.0	1140.0	B	5.0	220.	17.1	29.	5.	6.5	0.0	0.80	1.20
1143.6	1144.0	B	9.3	250.	17.2	31.	360.	6.5	0.0	1.00	1.00
1145.0	1146.0	B	7.3	266.	17.2	30.	1.	6.5	0.0	1.20	1.30
1151.0	1152.0	C	28.4	221.	17.3	29.	279.	6.6	0.0	1.20	0.40
1153.0	1154.0	B	30.1	209.	17.3	28.	244.	6.6	0.0	1.30	0.60
1154.0	1155.0	A	13.4	266.	17.3	28.	228.	6.6	0.0	-1.70	0.10
1157.0	1158.0	C	6.7	194.	17.4	28.	195.	6.6	0.0	-0.70	-1.10
1160.0	1161.0	B	2.9	184.	17.4	28.	176.	6.6	0.0	-0.60	-1.50
1163.7	1164.0	B	8.9	95.	17.4	29.	148.	6.5	0.0	0.90	-1.40
1167.0	1168.0	B	13.9	89.	17.4	27.	129.	6.6	0.0	1.80	-1.50
1170.0	1171.0	B	6.7	63.	17.4	26.	101.	6.6	0.0	2.00	-0.20
1175.6	1176.0	B	11.2	253.	17.3	29.	44.	6.6	0.0	1.10	0.10
1179.0	1179.1	C	31.7	297.	17.3	32.	42.	6.7	0.0	2.70	-1.20
1182.0	1183.0	C	15.0	196.	17.3	29.	34.	6.6	0.0	0.10	0.40
1186.0	1187.0	C	16.7	324.	17.2	34.	31.	6.6	0.0	3.00	1.40
1189.0	1190.0	B	16.0	212.	17.2	32.	28.	6.6	0.0	0.10	0.10
1194.0	1195.0	B	15.1	239.	17.1	33.	23.	6.5	0.0	0.70	0.10
1197.0	1198.0	B	9.6	189.	17.1	33.	24.	6.5	0.0	0.40	0.90
1198.0	1199.0	A	16.9	230.	17.1	32.	24.	6.5	0.0	0.40	-0.10
1202.0	1202.3	C	11.7	222.	17.1	30.	25.	6.5	0.0	0.60	0.40
1204.0	1204.3	B	17.0	226.	17.2	32.	25.	6.5	0.0	0.30	-0.10
1206.0	1206.4	C	17.5	198.	17.2	36.	25.	6.5	0.0	-0.30	0.20
1211.7	1211.8	B	14.2	202.	17.3	33.	25.	6.5	0.0	0.10	0.40
1213.7	1214.0	C	15.5	222.	17.3	34.	25.	6.5	0.0	0.30	0.10
1216.0	1217.0	B	13.4	250.	17.3	33.	25.	6.5	0.0	1.00	0.30
1219.0	1220.0	A	6.7	210.	17.3	34.	25.	6.5	0.0	0.80	1.00
1221.0	1221.7	B	10.8	249.	17.4	37.	25.	6.5	0.0	1.00	0.60
1225.0	1225.3	C	10.6	243.	17.4	37.	25.	6.5	0.0	0.90	0.60
1227.0	1228.0	C	6.4	223.	17.4	35.	25.	6.5	0.0	0.90	1.00
1230.0	1231.0	C	5.1	262.	17.5	36.	25.	6.5	0.0	1.30	1.20
1235.0	1235.3	C	10.7	251.	17.5	34.	25.	6.5	0.0	1.10	0.60
1244.4	1245.1	C	4.8	283.	17.7	36.	34.	6.5	0.0	1.60	1.20
1248.0	1248.6	B	14.5	201.	17.8	31.	19.	6.5	0.0	0.10	0.40
1250.0	1251.0	B	12.1	216.	17.9	31.	20.	6.4	0.0	0.50	0.50
1253.0	1254.0	C	4.6	232.	17.9	31.	19.	6.4	0.0	1.10	1.20
1258.5	1259.0	C	4.8	246.	18.0	34.	15.	6.4	0.0	1.10	1.30
1261.0	1262.0	B	12.6	268.	18.1	32.	15.	6.4	0.0	1.50	0.80
1263.0	1264.0	B	1.7	244.	18.1	32.	15.	6.4	0.0	1.20	1.60

CORRELATION INTERVAL		CORR. GRADE	DIP ANGLE	DIP AZ.	DRFT ANGLE	DRFT AZ.	DIA NO.1	DIA 13	DISPLACEMENTS NO.1	NO.2	NO.3
1265.0	1266.0	B	13.4	326.	18.2	33.	15.	6.4	0.0	2.60	2.10
1267.0	1267.5	A	7.5	352.	18.2	34.	15.	6.4	0.0	2.00	2.30
1271.0	1272.0	B	11.0	322.	18.3	34.	10.	6.4	0.0	2.20	2.10
1273.0	1273.3	A	10.3	339.	18.3	34.	10.	6.4	0.0	2.20	2.40
1275.0	1276.0	B	1.2	346.	18.3	34.	10.	6.4	0.0	1.20	1.90
1277.0	1278.0	A	6.4	314.	18.3	36.	9.	6.4	0.0	1.60	1.90
1281.0	1282.0	B	9.9	290.	18.3	38.	9.	6.4	0.0	1.60	1.50
1285.0	1286.0	B	7.4	317.	18.3	35.	12.	6.4	0.0	1.80	1.90
1288.0	1289.0	B	12.8	348.	18.3	36.	12.	5.4	0.0	2.50	2.70
1291.0	1292.0	C	16.4	359.	18.3	38.	11.	5.4	0.0	2.80	3.30
1294.0	1294.2	C	7.5	315.	18.3	36.	11.	6.4	0.0	1.70	1.90
1297.0	1298.0	A	10.3	315.	18.5	37.	12.	6.3	0.0	2.00	1.90
1299.0	1300.0	A	7.1	301.	18.6	37.	12.	6.3	0.0	1.60	1.70
1303.0	1304.0	A	4.0	121.	18.7	34.	11.	6.3	0.0	0.80	1.90
1305.0	1306.0	A	8.0	328.	18.7	35.	11.	6.3	0.0	1.90	2.10
1308.0	1309.0	A	6.8	323.	18.7	37.	11.	6.3	0.0	1.70	2.00
1311.0	1312.0	B	5.8	307.	18.7	39.	10.	6.3	0.0	1.70	1.80
1313.0	1314.0	A	3.5	15.	18.8	41.	10.	6.3	0.0	1.20	2.20
1315.0	1316.0	B	5.9	332.	18.8	41.	10.	6.3	0.0	1.50	2.10
1318.0	1318.3	B	11.3	288.	18.8	41.	11.	6.3	0.0	1.60	1.40
1321.0	1322.0	B	7.2	282.	18.9	38.	12.	6.3	0.0	1.40	1.50
1323.0	1324.0	C	4.9	162.	18.9	37.	13.	6.3	0.0	0.60	1.60
1325.6	1326.0	C	13.4	307.	18.9	38.	14.	6.3	0.0	2.20	1.70
1326.5	1330.0	C	12.3	145.	19.0	39.	14.	6.3	0.0	*0.10	1.60
1332.0	1334.0	C	6.4	71.	19.0	40.	14.	6.3	0.0	1.10	2.50
1335.0	1336.0	B	3.3	330.	19.1	41.	12.	6.3	0.0	1.30	2.00
1337.0	1338.0	B	11.5	312.	19.1	41.	12.	6.3	0.0	2.00	1.90
1339.0	1339.1	B	2.9	274.	19.1	41.	13.	6.3	0.0	1.10	1.70
1341.0	1342.0	B	5.7	272.	19.2	41.	14.	6.3	0.0	1.20	1.50
1343.0	1344.0	B	8.3	324.	19.2	41.	12.	6.3	0.0	1.80	2.10
1347.0	1348.0	B	11.7	179.	19.2	39.	11.	5.3	0.0	*0.10	1.00
1352.0	1353.0	B	11.8	222.	19.2	37.	12.	6.3	0.0	0.50	0.70
1355.6	1356.2	C	3.7	343.	19.2	36.	12.	6.3	0.0	1.50	2.10
1359.0	1360.0	C	14.7	240.	19.2	36.	11.	6.3	0.0	0.80	0.30
1363.0	1363.2	C	18.0	309.	19.2	35.	7.	6.3	0.0	2.70	2.00
1366.8	1366.9	C	17.0	11.	19.2	37.	5.	6.3	0.0	2.50	3.80
1373.0	1374.0	B	11.9	219.	19.2	36.	355.	6.3	0.0	0.30	0.70
1376.0	1377.0	B	12.3	275.	19.2	39.	355.	6.3	0.0	1.30	1.40
1378.0	1379.0	A	2.7	179.	19.3	40.	356.	6.3	0.0	0.30	1.60
1383.0	1384.0	B	5.6	245.	19.4	41.	357.	6.3	0.0	0.60	1.40
1386.0	1387.0	B	4.7	277.	19.5	42.	357.	6.3	0.0	0.80	1.70
1389.0	1390.0	A	2.7	341.	19.5	40.	2.	6.3	0.0	1.00	2.10
1393.0	1394.0	C	14.4	214.	19.6	40.	5.	6.4	0.0	0.10	0.50
1397.0	1398.0	D	19.5	287.	19.7	42.	6.	6.4	0.0	2.10	1.30
1403.0	1403.2	B	18.4	253.	19.9	36.	355.	6.4	0.0	1.20	0.70
1406.0	1406.5	B	7.2	258.	19.9	38.	352.	6.4	0.0	0.80	1.50
1409.7	1410.0	B	8.5	269.	20.0	43.	360.	6.4	0.0	1.00	1.50
1413.0	1414.0	B	10.1	264.	20.1	40.	7.	6.4	0.0	1.20	1.30
1415.0	1416.0	A	7.3	264.	20.1	41.	7.	6.4	0.0	1.10	1.50
1418.0	1419.0	B	16.0	259.	20.2	41.	7.	6.4	0.0	1.20	0.80
1420.0	1420.3	B	15.1	280.	20.2	41.	7.	6.4	0.0	1.70	1.30
1423.0	1424.0	B	11.9	264.	20.3	39.	7.	6.4	0.0	1.30	1.20
1425.0	1425.4	B	16.6	262.	20.3	37.	3.	6.4	0.0	1.40	0.90
1427.0	1428.0	B	5.5	277.	20.3	38.	360.	6.4	0.0	1.10	1.80
1429.7	1430.0	B	10.2	241.	20.3	40.	360.	6.4	0.0	0.70	1.10

CORRELATION INTERVAL		CORR. GRADE	DIP ANGLE	DIP AZ.	DRFT ANGLE	DRFT AZ.	AZ. NO.1	DIA 13	DISPLACEMENTS NO.1	NO.2	NO.3
1615.0	1616.0	B	19.1	248.	24.1	45.	50.	6.5	0.0	0.90	0.10
1618.0	1619.0	B	22.3	255.	24.1	38.	45.	6.5	0.0	1.10	-0.30
1621.0	1621.3	B	18.4	229.	24.1	38.	32.	6.5	0.0	0.70	0.40
1623.0	1624.0	C	13.1	250.	24.0	39.	27.	6.5	0.0	1.40	1.00
1629.7	1630.0	C	24.0	293.	24.0	40.	21.	6.5	0.0	3.00	1.20
1633.0	1633.2	B	15.0	256.	24.0	39.	25.	6.5	0.0	1.50	0.90
1635.0	1636.0	A	15.2	251.	24.0	37.	25.	6.4	0.0	1.40	0.80
1636.0	1637.0	A	10.2	201.	24.0	36.	26.	6.4	0.0	0.90	1.40
1643.0	1644.0	A	24.0	243.	24.0	38.	356.	6.4	0.0	1.00	0.40
1646.0	1646.3	A	4.0	228.	24.0	38.	356.	6.4	0.0	0.70	2.00
1649.0	1649.3	B	10.7	333.	24.0	37.	356.	6.4	0.0	2.00	3.20
1653.0	1654.0	B	12.9	40.	23.9	37.	357.	6.3	0.0	1.30	4.00
1657.0	1658.0	B	9.7	99.	23.9	39.	360.	6.3	0.0	0.20	2.80
1662.0	1663.0	C	6.1	36.	24.0	36.	360.	6.4	0.0	1.30	3.20
1664.0	1666.0	B	11.9	331.	24.0	36.	357.	6.3	0.0	2.20	3.20
1669.0	1670.0	C	11.7	18.	24.1	34.	8.	6.4	0.0	2.50	3.90
1676.0	1676.7	C	13.0	86.	24.2	35.	358.	6.7	0.0	0.30	3.50
1681.0	1682.0	C	15.6	55.	24.3	37.	330.	6.7	0.0	-1.20	3.40
1693.0	1694.0	D	7.3	322.	24.6	38.	349.	6.5	0.0	1.30	2.90
1703.0	1704.0	C	24.2	277.	24.7	35.	353.	6.4	0.0	2.50	1.70
1705.0	1706.0	C	40.5	182.	24.7	39.	352.	6.4	0.0	-2.50	-1.60
1707.0	1708.0	D	29.4	256.	24.7	41.	353.	6.4	0.0	1.60	0.50
1723.0	1724.0	D	14.8	313.	24.8	36.	344.	6.4	0.0	2.00	3.20
1731.7	1732.0	C	4.2	229.	24.8	33.	322.	6.9	0.0	-0.30	1.80
1734.0	1734.3	C	16.9	347.	24.9	36.	319.	6.9	0.0	0.30	4.20
1737.0	1737.3	D	20.2	254.	24.9	36.	323.	6.9	0.0	1.10	1.60

CORRELATION INTERVAL		CORR. GRADE	DIP ANGLE	DIP AZ.	DRFT ANGLE	DRFT AZ.	AZ. NO.1	DIA 13	DISPLACEMENTS NO.1	NO.2	NO.3
1434.0	1434.3	B	7.8	204.	20.3	41.	360.	6.4	0.0	0.20	1.20
1436.3	1436.4	B	0.7	130.	20.3	41.	360.	6.4	0.0	0.60	2.00
1438.0	1439.0	A	13.9	201.	20.3	41.	360.	6.4	0.0	-0.20	0.60
1441.0	1442.0	B	14.6	154.	20.3	43.	3.	6.4	0.0	-0.80	1.20
1443.0	1444.0	B	3.3	240.	20.3	44.	5.	6.4	0.0	0.70	1.70
1445.0	1447.0	B	3.8	190.	20.3	42.	13.	6.4	0.0	0.70	1.70
1450.0	1451.0	B	6.4	257.	20.4	41.	10.	6.5	0.0	1.20	1.50
1454.0	1454.3	B	24.4	256.	20.4	41.	20.	6.5	0.0	1.10	-0.20
1457.0	1458.0	B	13.5	195.	20.4	44.	21.	6.4	0.0	0.0	0.90
1459.0	1459.3	B	11.1	242.	20.4	42.	21.	6.4	0.0	0.90	0.90
1463.7	1464.0	C	14.6	301.	20.4	36.	21.	6.4	0.0	2.40	1.50
1467.0	1468.0	B	22.5	295.	20.4	40.	11.	6.4	0.0	2.70	1.40
1469.0	1470.0	B	15.4	303.	20.5	42.	13.	6.4	0.0	2.30	1.60
1472.0	1472.6	B	37.3	269.	20.5	42.	317.	6.4	0.0	2.80	1.90
1475.2	1475.3	C	24.7	321.	20.5	41.	28.	6.4	0.0	3.80	1.70
1478.0	1479.0	C	23.2	309.	20.6	40.	29.	6.4	0.0	3.20	1.10
1486.0	1487.0	C	5.1	301.	20.7	40.	17.	6.3	0.0	1.60	1.90
1488.0	1489.0	C	3.0	98.	20.7	43.	18.	6.4	0.0	1.10	2.30
1494.0	1494.4	C	10.9	276.	20.8	39.	7.	6.4	0.0	1.50	1.50
1496.0	1497.0	B	11.2	255.	20.8	39.	5.	6.4	0.0	1.10	1.20
1499.0	1500.0	B	2.0	276.	20.9	40.	5.	6.4	0.0	1.00	2.00
1501.0	1502.0	B	6.3	276.	21.0	40.	4.	6.4	0.0	1.20	1.80
1504.0	1505.0	B	9.3	240.	21.1	42.	9.	6.3	0.0	0.80	1.20
1506.0	1507.0	B	12.2	258.	21.1	46.	19.	6.3	0.0	1.10	1.00
1509.0	1510.0	B	16.2	263.	21.2	44.	21.	6.3	0.0	1.30	0.70
1513.0	1514.0	D	14.2	267.	21.3	40.	21.	6.3	0.0	1.50	0.90
1517.0	1517.3	D	17.3	288.	21.4	39.	21.	6.3	0.0	2.20	1.10
1519.0	1519.3	C	13.4	257.	21.5	39.	19.	6.3	0.0	1.30	0.90
1523.0	1524.0	C	20.5	271.	21.6	44.	18.	6.3	0.0	1.60	0.60
1526.0	1528.0	B	14.1	15.	21.7	41.	20.	6.3	0.0	2.90	3.60
1531.6	1531.8	C	11.7	80.	21.9	42.	13.	6.3	0.0	1.00	3.30
1535.6	1536.0	C	10.0	33.	22.1	42.	13.	6.3	0.0	1.90	3.40
1539.0	1540.0	B	9.1	70.	22.3	43.	13.	6.3	0.0	1.20	3.20
1542.0	1543.0	C	25.5	73.	22.4	40.	11.	6.3	0.0	1.10	5.30
1545.0	1546.0	C	18.0	91.	22.6	40.	1.	6.3	0.0	-0.20	3.40
1551.0	1552.0	C	11.8	121.	22.8	39.	278.	6.4	0.0	-2.80	-1.30
1554.3	1554.5	C	12.8	130.	23.0	39.	258.	6.4	0.0	-2.50	-2.10
1558.0	1559.0	A	13.6	190.	23.1	40.	242.	6.4	0.0	-1.00	-1.20
1561.0	1562.0	A	4.9	182.	23.2	41.	236.	6.4	0.0	-1.80	-1.60
1565.0	1566.0	B	8.3	183.	23.3	38.	210.	6.4	0.0	-1.00	-1.70
1567.0	1568.0	B	10.8	143.	23.4	39.	203.	6.4	0.0	-0.70	-2.30
1569.0	1570.0	A	9.4	153.	23.5	37.	192.	6.4	0.0	-0.40	-2.00
1572.0	1573.0	A	9.0	132.	23.6	39.	181.	6.4	0.0	0.0	-2.20
1577.0	1577.3	A	9.9	163.	23.7	38.	177.	6.4	0.0	0.20	-1.60
1580.0	1581.0	A	21.8	216.	23.8	40.	173.	6.4	0.0	0.0	-0.20
1583.0	1584.0	C	15.5	138.	23.9	40.	173.	6.4	0.0	1.10	-1.70
1587.0	1588.0	C	21.9	199.	24.0	37.	137.	6.4	0.0	0.70	0.30
1591.0	1592.0	C	15.3	220.	24.1	38.	101.	6.5	0.0	0.70	-0.10
1594.0	1596.0	C	9.7	219.	24.1	38.	93.	6.5	0.0	1.30	0.10
1597.0	1598.0	B	20.3	213.	24.1	39.	78.	6.5	0.0	0.40	0.30
1599.8	1600.0	A	15.0	273.	24.1	39.	54.	6.5	0.0	1.80	0.20
1601.0	1602.0	C	11.0	299.	24.1	41.	53.	6.5	0.0	2.50	0.90
1604.0	1605.0	B	14.4	248.	24.1	41.	43.	6.5	0.0	1.30	0.60
1608.0	1609.0	C	18.1	198.	24.1	44.	40.	6.4	0.0	0.20	1.00
1611.0	1612.0	C	10.5	284.	24.1	45.	47.	6.4	0.0	2.10	1.10

THE FOLLOWING PARAMETERS APPLY TO THE LOG FROM 426.0 FEET TO 1737.3

MAGNETIC DECLINATION IS 20.5 DEGREES.

4.0 FEET WERE SUBTRACTED FROM THE DIP LOG TO CORRECT DEPTH TO THE BASE LOG DEPTH.

DRIFT AZIMUTH AND AZIMUTH OF NO. 1 ARM HAVE BEEN CORRECTED TO TRUE NORTH IN THIS PRESENTATION.

CORRELATION INTERVAL		CORR. GRADE	DIP ANGLE	DIP AZ.	DIP ANGLE	DIP AZ.	AZ. NO. 1	DIP	DISPLACEMENTS NO. 1	NO. 2	NO. 3
1747.0	1746.0	C	11.2	35.	25.2	30.	333.	0.7	0.0	-0.20	1.60
1753.0	1756.0	C	7.0	77.	25.4	34.	340.	0.6	0.0	-0.50	2.70
1759.0	1760.0	C	12.1	12.	25.4	31.	347.	0.8	0.0	-0.40	3.20
1767.0	1768.0	C	12.6	119.	25.6	33.	347.	0.5	0.0	-0.70	2.30
1780.0	1781.0	C	14.5	80.	25.0	30.	350.	0.4	0.0	-0.20	3.00
1783.0	1784.0	C	10.3	93.	25.1	37.	352.	0.5	0.0	-0.70	3.20
1787.0	1788.0	C	4.0	190.	25.2	32.	344.	0.5	0.0	0.30	2.10
1793.0	1794.0	C	5.0	99.	25.2	37.	337.	0.5	0.0	-0.50	2.40
1799.0	1800.0	B	29.9	271.	25.3	34.	333.	0.6	0.0	2.20	2.20
1803.0	1804.0	A	34.2	274.	25.1	34.	335.	0.5	0.0	3.20	2.20
1806.0	1807.0	C	19.8	282.	25.1	31.	328.	0.5	0.0	1.50	2.70
1810.0	1811.0	C	24.9	285.	25.3	34.	320.	0.5	0.0	2.20	2.00
1814.0	1815.0	B	1.1	7.	25.4	30.	331.	0.7	0.0	-0.20	2.50
1818.0	1817.0	B	4.7	140.	25.5	30.	340.	0.7	0.0	-0.30	2.20
1823.0	1824.3	B	0.7	331.	25.7	35.	337.	0.6	0.0	0.00	3.20
1829.0	1826.0	B	4.0	13.	25.8	30.	344.	0.9	0.0	0.70	3.30
1823.0	1830.0	C	14.5	213.	25.8	33.	351.	0.7	0.0	0.40	1.20
1832.0	1833.0	C	2.9	100.	25.9	35.	0.	0.7	0.0	1.10	2.70
1838.0	1839.0	C	15.7	87.	27.0	32.	340.	0.5	0.0	0.0	4.20
1843.0	1844.0	C	11.6	101.	27.0	31.	0.	0.4	0.6	0.30	2.00
1845.0	1846.0	C	14.0	195.	27.1	32.	2.	0.5	0.0	0.30	1.30
1852.0	1852.4	B	0.6	180.	27.0	29.	330.	0.4	0.0	-0.30	1.70
1858.0	1858.3	C	34.4	254.	27.0	30.	262.	0.3	0.0	0.00	2.30
1859.0	1859.3	C	22.7	216.	27.0	35.	258.	0.4	0.0	-0.40	-0.10
1861.0	1862.0	C	4.2	221.	27.0	30.	250.	0.4	0.0	-2.20	-0.40
1863.0	1864.0	C	13.7	292.	27.0	20.	237.	0.4	0.0	-2.70	-0.10
1865.0	1866.0	C	10.0	215.	27.0	28.	210.	0.4	0.0	-1.10	-0.70
1871.0	1872.0	C	3.7	233.	26.9	30.	197.	0.5	0.0	-1.90	-2.30
1873.0	1870.0	C	14.9	297.	26.9	32.	198.	0.5	0.0	-3.10	-2.10
1883.0	1884.3	C	33.5	166.	27.0	32.	189.	0.5	0.0	-1.60	-0.50
1886.0	1887.0	C	20.9	169.	27.1	31.	184.	0.5	0.0	-1.30	-0.60
1892.0	1893.0	C	39.3	159.	27.2	30.	176.	0.6	0.0	-1.00	-1.10
1895.0	1896.0	C	32.1	250.	27.2	30.	182.	0.7	0.0	-1.90	-0.10
1905.0	1906.0	C	28.3	302.	27.3	28.	150.	0.5	0.0	-3.90	-4.30
1909.0	1907.0	C	31.0	296.	27.3	27.	147.	0.5	0.0	-3.00	-3.40
1910.0	1911.0	C	33.2	291.	27.3	31.	129.	0.5	0.0	-5.90	-5.40
1914.0	1915.0	C	47.0	299.	27.3	27.	110.	0.2	0.0	-4.30	-7.30
1917.0	1918.0	C	73.2	297.	27.3	31.	85.	0.3	0.0	-0.70	-7.20
1923.0	1924.0	C	60.3	231.	27.3	30.	70.	0.3	0.0	-5.30	-3.60
1927.0	1928.0	C	47.0	220.	27.3	27.	52.	0.3	0.0	-4.50	-4.00
1931.0	1932.0	C	33.1	181.	27.3	30.	99.	0.3	0.0	-0.50	3.30
1941.0	1942.0	C	5.1	303.	27.3	33.	351.	0.3	0.0	1.40	2.90
1945.0	1946.0	B	1.0	142.	27.3	20.	342.	0.3	0.0	0.50	2.00
1947.0	1948.0	B	0.2	30.	27.3	30.	330.	0.3	0.0	0.40	3.10
1950.0	1951.0	C	9.3	207.	27.3	29.	331.	0.3	0.0	0.90	2.40
1957.0	1958.0	C	0.7	320.	27.3	34.	327.	0.3	0.0	0.30	3.20
1961.0	1962.0	B	21.2	219.	27.3	28.	337.	0.3	0.0	3.70	2.90
1964.0	1963.0	C	38.5	271.	27.3	30.	324.	0.3	0.0	3.00	2.90
1974.0	1970.0	C	31.0	102.	27.3	34.	335.	0.3	0.0	-2.50	-0.60
1981.0	1982.0	C	17.0	141.	27.3	30.	321.	0.3	0.0	-2.10	0.00
1984.0	1985.0	C	5.1	109.	27.3	33.	315.	0.3	0.0	-1.10	1.70
1987.0	1988.0	C	13.0	250.	27.3	29.	201.	0.3	0.0	-0.70	1.30
1991.0	1992.0	C	34.5	226.	27.3	26.	241.	0.3	0.0	0.00	1.20
1993.0	1990.0	C	44.5	224.	27.3	20.	197.	0.3	0.0	0.40	1.90
2003.0	2004.0	B	32.5	227.	27.3	34.	171.	0.3	0.0	-0.30	0.50

CORRELATION INTERVAL	CORR. GRADE	DIP ANGLE	DIP AZ.	DRFT ANGLE	DRFT AZ.	AZ. NO. 1	DIA	DISPLACEMENTS NO. 1	NO. 2	NO. 3
2064.0	2065.0	L	29.3	294.	27.6	33.	108.	0.5	0.0	-1.30	-0.50
2014.0	2015.0	C	30.0	191.	27.7	27.	156.	0.5	0.0	1.00	2.50
2010.0	2011.0	L	34.9	169.	27.8	29.	147.	0.3	0.0	2.40	1.70
2019.0	2020.0	L	37.1	180.	27.9	27.	130.	0.3	0.0	1.40	1.50
2021.0	2022.0	L	45.0	183.	27.0	27.	123.	0.2	0.0	0.90	2.60
2025.0	2026.0	R	50.7	212.	28.1	31.	120.	0.2	0.0	-0.70	0.50
2029.0	2027.0	R	39.7	215.	28.1	32.	124.	0.2	0.0	-0.70	0.40
2027.0	2030.0	R	31.3	201.	28.2	29.	123.	0.2	0.0	0.20	0.50
2034.0	2033.0	L	19.0	201.	28.3	33.	115.	0.2	0.0	-0.30	-1.90
2035.0	2036.0	R	37.2	255.	28.4	27.	117.	0.3	0.0	-2.40	-2.70
2039.0	2040.0	R	54.5	228.	28.4	29.	110.	0.3	0.0	-2.90	-0.70
2042.0	2043.0	R	34.0	231.	28.4	30.	105.	0.3	0.0	-1.10	-1.00
2045.0	2046.0	L	35.3	220.	28.4	31.	105.	0.3	0.0	-1.00	-0.70
2049.0	2050.0	R	3.7	309.	28.4	29.	94.	0.3	0.0	2.20	-0.00
2053.0	2054.0	L	13.2	140.	28.4	28.	0.0	0.3	0.0	2.70	1.50
2055.0	2056.0	R	0.0	277.	28.4	27.	53.	0.3	0.0	2.30	0.70
2057.0	2058.0	R	23.0	156.	28.4	28.	35.	0.2	0.0	0.50	2.10
2063.0	2064.0	R	32.5	192.	28.5	34.	330.	0.4	0.0	-1.10	-0.70
2072.0	2073.0	R	24.3	122.	28.6	30.	345.	0.5	0.0	-2.00	2.10
2075.0	2076.0	A	21.9	101.	28.6	29.	339.	0.5	0.0	-1.40	0.70
2079.0	2080.0	A	11.1	110.	28.7	29.	338.	0.5	0.0	-0.00	2.60
2082.0	2083.0	R	22.3	270.	28.7	30.	344.	0.4	0.0	2.06	2.30
2086.0	2087.0	R	26.9	260.	28.8	33.	342.	0.4	0.0	2.10	1.60
2090.3	2091.0	R	10.5	193.	28.9	31.	353.	0.3	0.0	0.40	1.60
2093.0	2094.0	R	1.4	139.	28.9	31.	350.	0.2	0.0	1.20	2.90
2097.0	2098.0	R	17.3	313.	28.9	29.	353.	0.2	0.0	3.20	3.70
2100.0	2100.3	L	30.4	271.	28.9	29.	347.	0.3	0.0	3.10	1.90
2102.0	2103.0	L	13.0	159.	28.9	34.	0.	0.3	0.0	0.10	2.10
2107.0	2108.0	L	10.2	290.	28.9	30.	357.	0.2	0.0	2.30	2.70
2112.0	2113.0	L	13.1	209.	28.9	31.	351.	0.3	0.0	0.40	1.50
2117.0	2118.0	C	0.7	169.	28.9	33.	345.	0.4	0.0	0.0	2.20
2119.0	2120.0	L	9.9	170.	28.9	31.	349.	0.3	0.0	0.10	1.90
2123.0	2124.0	L	20.7	177.	28.9	30.	349.	0.2	0.0	-1.10	0.30
2129.0	2130.0	L	43.4	163.	29.0	32.	349.	0.1	0.0	-3.10	-1.00
2131.0	2132.0	C	37.0	143.	29.1	34.	340.	0.1	0.0	-3.40	0.30
2137.0	2138.0	R	30.0	210.	29.1	33.	355.	0.0	0.0	0.20	-0.10
2140.0	2141.0	L	13.0	293.	29.2	31.	350.	0.0	0.0	2.20	2.90
2143.0	2144.0	L	14.0	203.	29.2	30.	349.	0.1	0.0	2.20	2.70
2149.3	2150.0	L	26.0	171.	29.3	30.	315.	0.1	0.0	-1.70	-0.60
2154.0	2155.0	C	19.2	197.	29.4	29.	240.	0.1	0.0	-2.10	-2.30
2157.0	2158.0	L	48.2	197.	29.4	34.	233.	0.2	0.0	1.40	0.20
2159.0	2160.0	R	49.9	192.	29.4	32.	230.	0.2	0.0	2.10	0.10
2161.0	2162.0	R	62.0	207.	29.4	34.	236.	0.1	0.0	3.50	1.00
2165.0	2166.0	L	42.0	191.	29.4	35.	229.	0.1	0.0	1.40	-0.30
2171.0	2172.0	L	30.0	196.	29.3	31.	219.	0.1	0.0	0.30	-0.30
2175.0	2176.0	R	40.5	200.	29.3	31.	215.	0.1	0.0	1.40	-0.50
2181.0	2182.0	R	25.7	150.	29.4	33.	210.	0.2	0.0	-0.50	-2.70
2185.0	2186.0	R	26.3	161.	29.5	32.	220.	0.3	0.0	-0.10	-1.30
2187.0	2188.0	L	22.2	207.	29.5	33.	220.	0.5	0.0	-0.00	-0.70
2190.0	2191.0	L	20.7	212.	29.5	35.	220.	0.6	0.0	-0.20	-0.30
2195.0	2196.0	L	30.5	183.	29.6	32.	223.	0.5	0.0	0.90	-0.00
2197.0	2198.0	R	30.2	190.	29.6	33.	220.	0.6	0.0	0.20	-0.60
2201.0	2202.2	L	37.5	214.	29.7	35.	225.	0.4	0.0	0.60	0.90
2202.5	2203.0	R	30.0	201.	29.7	34.	228.	0.4	0.0	0.20	-0.40
2200.0	2200.7	R	33.4	201.	29.8	31.	231.	0.5	0.0	0.40	-0.20

CORRELATION INTERVAL		CORR. GRADE	DIP ANGLE	DIP AZ.	DRIFT ANGLE	DRIFT AZ.	DIA NO. 1	DIA IS	DISPLACEMENTS NO. 1	NO. 2	NO. 3
2211.0	2212.0	B	20.2	191.	29.8	32.	230.	0.0	0.0	-0.10	-0.20
2219.0	2220.4	B	30.3	177.	29.9	35.	227.	0.0	0.0	0.10	-1.00
2221.7	2222.0	C	34.3	196.	30.0	31.	222.	0.0	0.0	0.90	-1.70
2221.0	2221.3	C	32.8	199.	30.0	32.	222.	0.0	0.0	0.30	-1.60
2222.0	2222.1	C	31.4	173.	30.0	33.	224.	0.0	0.0	0.20	-1.70
2227.0	2227.3	B	32.2	190.	30.1	33.	229.	0.3	0.0	0.20	-1.30
2231.0	2234.0	C	10.3	230.	30.1	33.	232.	0.3	0.0	-1.30	-0.40
2234.0	2234.5	C	33.4	230.	30.2	35.	234.	0.3	0.0	0.0	1.00
2239.0	2239.0	C	36.5	212.	30.2	34.	240.	0.3	0.0	0.50	0.30
2242.0	2242.2	C	20.7	194.	30.3	29.	203.	0.3	0.0	-0.50	-1.10
2244.0	2244.3	C	22.7	217.	30.3	30.	189.	0.4	0.0	-0.70	-0.70
2249.0	2250.0	C	35.2	172.	30.4	30.	140.	7.2	0.0	2.30	1.40
2251.0	2252.0	C	30.9	150.	30.4	26.	135.	0.7	0.0	3.10	1.00
2254.0	2260.0	B	7.0	169.	30.5	20.	115.	0.4	0.0	1.60	-0.70
2258.0	2259.0	B	17.0	249.	30.5	30.	109.	0.4	0.0	0.30	-1.60
2263.7	2264.0	C	29.3	202.	30.6	34.	106.	0.3	0.0	0.50	-0.50
2265.6	2266.0	C	30.9	221.	30.6	31.	115.	0.3	0.0	-0.60	-0.30
2267.0	2268.0	C	33.5	214.	30.7	34.	115.	0.3	0.0	-0.60	-0.20
2269.0	2269.2	C	34.5	219.	30.7	33.	111.	0.3	0.0	-0.50	-0.20
2272.0	2273.0	C	37.2	197.	30.7	30.	117.	0.3	0.0	2.10	2.10
2275.0	2276.0	B	53.3	176.	30.8	32.	117.	0.3	0.0	1.50	3.40
2277.0	2278.0	B	45.6	209.	30.8	31.	127.	0.2	0.0	-0.50	0.90
2279.0	2280.0	C	40.4	217.	30.8	29.	123.	0.2	0.0	-1.20	0.30
2283.0	2284.0	C	54.5	212.	30.9	29.	110.	0.2	0.0	-1.70	0.00
2287.0	2288.0	B	50.3	205.	30.9	20.	103.	0.2	0.0	-1.20	0.70
2289.7	2290.0	B	54.0	197.	31.0	20.	90.	0.2	0.0	-1.20	1.20
2291.0	2294.0	B	51.1	187.	31.0	21.	81.	0.1	0.0	-1.00	1.30
2293.0	2294.0	B	50.4	197.	31.0	31.	75.	0.2	0.0	-1.50	0.50
2299.0	2300.4	B	51.3	201.	31.2	31.	96.	0.2	0.0	-2.20	-3.10
2300.0	2301.0	B	30.2	209.	31.2	31.	79.	0.2	0.0	0.50	-2.30
2303.0	2304.6	B	15.1	213.	31.3	35.	96.	0.2	0.0	-1.70	-0.20
2306.0	2306.5	B	29.3	203.	31.4	34.	87.	0.2	0.0	0.40	0.50
2306.0	2306.3	B	14.0	253.	31.5	29.	89.	0.1	0.0	1.50	-0.70
2310.0	2311.0	B	20.7	233.	31.5	35.	96.	0.2	0.0	0.90	-0.40
2313.0	2313.7	C	29.0	220.	31.7	35.	89.	0.2	0.0	0.10	-0.20
2315.0	2316.0	C	35.5	227.	31.8	37.	90.	0.2	0.0	-0.50	-0.00
2316.0	2317.0	B	39.0	222.	31.8	37.	92.	0.2	0.0	-0.50	-0.40
2320.0	2320.3	C	34.4	213.	31.9	34.	92.	0.1	0.0	-0.20	0.0
2323.5	2324.0	C	32.9	198.	32.0	31.	83.	0.2	0.0	0.20	0.60
2327.3	2327.3	C	40.5	214.	32.1	32.	82.	0.2	0.0	-0.00	-0.30
2330.0	2330.3	C	40.0	223.	32.3	41.	80.	0.2	0.0	-0.00	-0.30
2334.0	2336.0	B	20.4	254.	32.4	34.	85.	0.2	0.0	0.40	-1.50
2336.0	2337.0	B	30.5	213.	32.4	35.	85.	0.2	0.0	-0.50	0.0
2338.0	2338.7	C	37.0	207.	32.3	36.	85.	0.2	0.0	-0.30	0.40
2345.6	2346.0	B	20.3	155.	32.0	31.	80.	0.2	0.0	2.20	2.20
2350.0	2351.0	C	33.4	210.	31.6	33.	86.	0.1	0.0	-0.10	0.10
2354.0	2356.0	C	25.2	254.	31.7	35.	87.	0.1	0.0	0.50	-1.50
2357.0	2358.0	B	41.9	201.	31.7	31.	84.	0.1	0.0	-0.00	0.50
2373.0	2374.0	B	10.7	12.	31.8	41.	82.	0.1	0.0	4.40	0.50
2378.0	2378.4	C	40.6	201.	31.9	32.	82.	0.1	0.0	-0.50	0.50
2380.0	2381.0	C	37.1	200.	32.0	33.	82.	0.1	0.0	-0.30	0.30
2384.0	2385.0	B	32.6	223.	32.1	31.	79.	0.1	0.0	-0.20	-0.60
2386.0	2387.0	B	16.9	247.	32.2	32.	83.	0.1	0.0	1.10	-0.80
2391.0	2392.0	B	20.9	229.	32.4	35.	84.	0.1	0.0	0.10	-0.60
2401.0	2402.0	C	31.4	130.	32.6	35.	79.	0.2	0.0	3.00	4.40

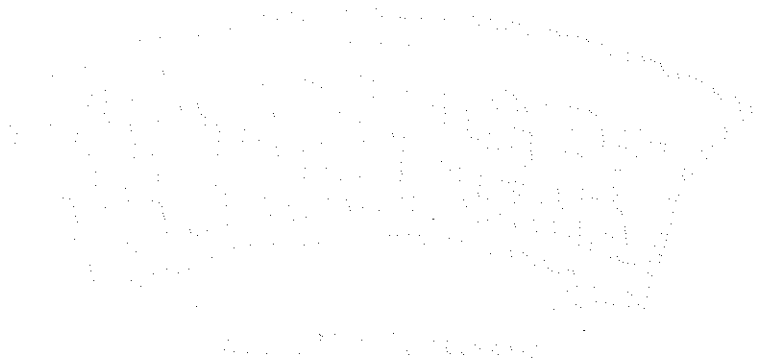
CORRELATION INTERVAL		CORE GRADE	DIP ANGLE	DIP AZ.	UNIT ANGLE	UNIT AZ.	AZ. NO.1	ZIA	DISPLACEMENTS NO.1	NO.2	NO.3
2913.0	2914.0	D	30.7	200.	32.6	30.	91.	0.3	0.0	-0.10	0.50
2922.0	2923.0	C	30.0	237.	32.9	30.	99.	0.3	0.0	-0.00	-1.20
2925.0	2926.0	C	15.2	253.	33.0	34.	99.	0.3	0.0	1.20	-1.40
2933.0	2934.0	C	30.2	194.	33.1	29.	88.	0.3	0.0	0.20	0.60
2934.0	2935.0	D	33.0	194.	33.1	30.	87.	0.3	0.0	0.40	0.00
2944.0	2945.0	D	34.0	220.	33.2	33.	94.	0.3	0.0	-0.40	-0.00
2951.0	2952.0	B	19.3	247.	33.3	36.	100.	0.3	0.0	0.50	-1.10
2953.0	2956.0	B	32.4	230.	33.4	32.	99.	0.3	0.0	-0.50	-1.30
2958.0	2959.0	D	27.7	244.	33.5	31.	94.	0.3	0.0	0.0	-1.50
2960.0	2961.0	C	31.5	231.	33.5	34.	94.	0.3	0.0	-0.20	-0.90
2969.0	2969.0	C	13.0	220.	33.8	30.	86.	0.3	0.0	1.70	-0.10
2975.0	2976.0	D	25.0	226.	34.1	34.	87.	0.4	0.0	0.30	-0.50
2981.0	2982.0	C	11.5	265.	34.2	37.	92.	0.4	0.0	-4.20	-1.30
2989.0	2990.0	D	51.0	173.	34.3	31.	89.	0.3	0.0	0.50	2.90
2996.0	2997.0	B	27.2	215.	34.4	35.	95.	0.3	0.0	0.00	0.0
3000.0	3001.3	C	50.5	210.	34.4	33.	91.	0.3	0.0	-1.50	-0.30
3007.0	3008.0	D	30.1	217.	34.3	34.	89.	0.3	0.0	-2.10	-0.50
3010.0	3011.0	D	42.7	219.	34.3	33.	89.	0.3	0.0	-0.90	-0.50
3017.0	3018.0	C	20.1	335.	34.3	30.	85.	0.3	0.0	4.20	-1.50
3022.0	3024.0	C	19.0	337.	34.4	35.	89.	0.3	0.0	4.10	-1.70
3025.0	3026.0	B	12.0	44.	34.4	33.	90.	0.3	0.0	5.40	0.50
3027.0	3028.0	D	12.0	20.	34.4	31.	74.	0.3	0.0	5.70	1.60
3029.0	3030.0	D	14.3	348.	34.5	37.	65.	0.4	0.0	5.40	1.60
3033.0	3034.0	B	10.2	320.	34.5	34.	83.	0.3	0.0	3.70	-1.10
3035.0	3036.0	D	7.0	345.	34.6	36.	95.	0.4	0.0	3.00	-0.60
3037.0	3038.0	B	0.0	336.	34.6	32.	88.	0.4	0.0	3.70	-0.50
3039.0	3040.0	C	10.7	58.	34.7	36.	90.	0.3	0.0	7.00	2.10
3042.0	3043.3	B	21.4	325.	34.6	33.	83.	0.4	0.0	4.10	-2.70
3044.0	3044.5	D	13.7	260.	34.9	40.	70.	0.4	0.0	2.10	-0.00
3047.0	3048.0	B	23.3	13.	35.0	37.	93.	0.2	0.0	6.00	-1.00
3050.0	3050.3	D	17.9	149.	35.1	42.	94.	0.2	0.0	3.20	1.60
3056.0	3056.0	D	23.6	201.	35.3	39.	94.	0.2	0.0	1.10	-2.30

THE FOLLOWING PARAMETERS APPLY TO THE LOG FROM 1767.0 FEET TO 2550.0

MAGNETIC DECLINATION IS 20.0 DEGREES.

4.0 FEET WERE SUBTRACTED FROM THE DIP LOG TO CORRECT DEPTH
TO THE BASE LOG DEPTH.

DRIFT AZIMUTH AND AZIMUTH OF HOLE WERE CONNECTED TO
TRUE NORTH IN THIS PRESENTATION.



CORRELATION INTERVAL		CORR. GRADE	DIP ANGLE	DIP AZ.	DEPT ANGLE	DRIFT AZ.	AZ. NO.1	DIA TJ	DISPLACEMENTS NO.1	NO.2	NO.3
2562.0	2564.0	C	13.6	339.	35.2	40.	94.	6.2	0.0	3.60	=1.00
2564.0	2566.0	B	20.6	351.	35.2	36.	94.	6.2	0.0	4.70	=1.90
2566.0	2570.0	B	24.6	358.	35.3	39.	93.	6.2	0.0	5.80	=1.80
2572.0	2574.0	B	19.2	18.	35.3	42.	95.	6.2	0.0	6.10	=0.30
2580.0	2582.0	C	17.1	174.	35.4	36.	96.	6.3	0.0	2.60	1.30
2584.0	2586.0	C	41.9	170.	35.4	38.	96.	6.3	0.0	1.80	3.10
2587.0	2588.0	D	3.3	10.	35.5	37.	96.	6.3	0.0	3.70	=0.10
2592.0	2594.0	C	11.4	1.	35.5	37.	96.	6.3	0.0	4.30	=0.80
2606.0	2608.0	C	22.8	246.	35.7	39.	98.	6.3	0.0	0.40	=1.00
2615.0	2617.0	C	9.0	296.	35.8	35.	93.	6.3	0.0	2.90	=0.70
2619.0	2620.0	C	13.7	116.	35.8	37.	91.	6.3	0.0	4.60	2.10
2626.0	2627.0	B	10.3	183.	35.9	38.	86.	6.3	0.0	2.30	1.40
2629.0	2630.0	B	21.2	348.	35.9	40.	88.	6.4	0.0	5.40	=1.10
2633.0	2634.0	C	5.6	345.	35.9	43.	87.	6.3	0.0	4.10	0.70
2639.0	2640.0	B	21.2	155.	36.0	39.	92.	6.3	0.0	3.30	2.40
2644.0	2646.0	C	14.5	183.	35.9	40.	90.	6.3	0.0	2.60	1.30
2654.0	2655.0	C	19.5	148.	35.8	41.	89.	6.3	0.0	3.60	2.70
2657.0	2657.2	C	45.2	174.	35.8	39.	89.	6.3	0.0	1.10	3.10
2661.0	2662.0	C	50.5	153.	35.7	41.	87.	6.3	0.0	2.30	6.90
2665.0	2666.0	C	49.7	220.	35.7	41.	80.	6.3	0.0	=1.30	=0.30
2667.0	2668.0	C	67.0	200.	35.7	43.	91.	6.3	0.0	=2.20	1.70
2670.0	2672.0	B	64.9	187.	35.6	42.	93.	6.3	0.0	=1.10	3.10
2675.0	2676.0	C	52.6	155.	35.6	41.	93.	6.3	0.0	2.80	5.80
2683.0	2684.0	C	40.1	193.	35.5	41.	95.	6.3	0.0	0.60	1.70
2690.0	2691.0	B	25.9	1.	35.5	38.	94.	6.3	0.0	6.30	=2.10
2694.0	2695.0	C	24.6	350.	35.5	42.	95.	6.3	0.0	5.10	=2.20
2700.0	2702.0	C	30.5	0.	35.5	40.	77.	6.2	0.0	8.60	0.30
2705.0	2706.0	B	19.4	14.	35.5	37.	87.	6.1	0.0	6.30	0.10
2706.0	2707.0	B	25.1	3.	35.5	37.	89.	6.1	0.0	6.60	=1.20
2710.0	2711.0	C	14.7	340.	35.5	42.	89.	6.0	0.0	4.10	=0.50
2716.0	2718.0	D	34.3	152.	35.5	43.	100.	6.1	0.0	3.60	3.70
2724.0	2726.0	C	35.2	171.	35.5	44.	98.	6.1	0.0	2.20	2.90
2728.0	2730.0	C	21.6	37.	35.5	41.	96.	6.1	0.0	7.30	0.50
2733.0	2734.0	C	13.6	354.	35.5	42.	102.	6.1	0.0	3.90	=1.30
2737.0	2738.0	C	25.3	11.	35.6	41.	92.	6.1	0.0	7.10	=0.80
2738.0	2740.0	B	23.4	3.	35.6	44.	91.	6.1	0.0	6.20	=0.70
2742.0	2744.0	B	36.1	269.	35.6	45.	97.	6.1	0.0	=0.20	=2.30
2752.0	2754.0	D	58.3	234.	35.7	38.	100.	6.1	0.0	=2.50	=1.30
2756.0	2758.0	C	71.1	252.	35.7	39.	97.	6.1	0.0	=4.70	=3.90
2770.0	2772.0	C	26.1	248.	35.9	40.	98.	6.1	0.0	0.50	=1.10
2777.0	2778.0	C	10.7	76.	35.9	44.	99.	6.1	0.0	5.10	1.20
2786.0	2788.0	C	32.0	220.	35.9	43.	95.	6.2	0.0	0.40	0.20
2790.0	2792.0	C	41.0	203.	35.9	44.	97.	6.2	0.0	0.20	1.20
2796.0	2798.0	C	53.7	217.	35.9	40.	98.	6.2	0.0	=2.40	0.10
2800.0	2802.0	D	75.0	227.	35.9	40.	97.	6.1	0.0	=4.20	=1.10
2816.0	2818.0	C	72.0	249.	36.2	37.	115.	6.2	0.0	=5.10	=2.50
2821.0	2822.0	C	69.4	254.	36.3	41.	111.	6.2	0.0	=4.70	=3.10
2825.0	2826.0	B	80.3	232.	36.4	39.	104.	6.2	0.0	=5.20	=1.30
2827.0	2828.0	C	64.1	249.	36.4	40.	102.	6.2	0.0	=3.60	=2.80
2831.0	2832.0	B	66.2	223.	36.5	40.	101.	6.2	0.0	=2.80	=0.30
2834.0	2835.0	B	61.0	219.	36.5	41.	101.	6.3	0.0	=2.10	0.10
2840.0	2841.0	D	57.2	243.	36.6	43.	104.	6.3	0.0	=2.50	=1.70
2849.0	2851.0	C	17.7	355.	36.6	42.	104.	6.3	0.0	4.30	=2.10
2853.0	2854.0	C	1.1	308.	36.6	41.	102.	6.3	0.0	3.40	=0.20
2856.0	2858.0	C	47.0	152.	36.6	42.	101.	6.3	0.0	4.00	5.40

CORRELATION INTERVAL		CORR. GRADE	DIP ANGLE	DIP AZ.	DRFT ANGLE	DRFT AZ.	AZ. NO.1	DIA IS	DISPLACEMENTS NO.1	NO.2	NO.3
2864.0	2866.0	C	77.5	192.	36.6	44.	104.	6.3	0.0	-1.70	4.20
2874.0	2876.0	B	10.4	348.	36.6	43.	103.	6.3	0.0	3.80	-1.10
2876.0	2878.0	B	13.2	25.	36.6	43.	106.	6.3	0.0	5.00	-0.90
2880.0	2882.0	A	23.4	150.	36.6	44.	109.	6.3	0.0	4.00	2.30
2886.0	2888.0	C	27.8	165.	36.6	41.	110.	6.4	0.0	3.10	2.10
2890.0	2892.0	C	35.3	174.	36.6	41.	105.	6.3	0.0	2.30	2.50
2893.0	2894.0	B	38.6	153.	36.6	41.	103.	6.4	0.0	3.90	4.10
2895.0	2896.0	A	35.9	150.	36.6	42.	101.	6.4	0.0	4.10	4.10
2898.0	2900.0	C	38.4	152.	36.6	43.	100.	6.4	0.0	3.90	4.40
2901.0	2902.0	B	34.1	122.	36.6	42.	101.	6.4	0.0	6.90	5.10
2906.0	2908.0	C	36.2	143.	36.6	45.	95.	6.4	0.0	4.60	5.10
2912.0	2913.0	D	27.6	147.	36.7	46.	96.	6.4	0.0	4.20	3.80
2915.0	2918.0	C	36.8	146.	36.7	43.	100.	6.4	0.0	4.60	4.90
2920.0	2922.0	B	41.6	157.	36.8	45.	94.	6.4	0.0	3.20	4.80
2926.0	2928.0	C	40.5	146.	36.8	44.	80.	6.3	0.0	3.70	5.60
2936.0	2938.0	C	64.7	171.	35.9	40.	94.	6.3	0.0	0.60	5.10
2940.0	2942.0	C	44.4	280.	36.8	46.	95.	6.3	0.0	-0.60	-3.60
2944.0	2946.0	C	67.6	176.	36.7	42.	94.	6.3	0.0	-0.20	4.80