DIP LOG CALCULATIONS

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

WELEX

A Halliburton Company

CORRELATION INTERVAL	CUM %	DIP ANGLE	DIP AZ.	DIP DIR	DIP AZ.	DIP DIR	DIP AZ.	DIP DIR	DIP AZ.	DIP DIR	DIP AZ.	DIP DIR
000.0	001.0	11.5	87.	1.2	231.	71.	7.1	0.0	-1.10	-0.50		
003.0	003.0	1.6	152.	1.3	245.	205.	0.0	0.0	0.10	-0.11		
006.0	006.0	0.3	87.	1.0	267.	265.	0.9	0.0	-0.50	-0.10		
009.0	009.0	0.0	111.	1.9	250.	201.	0.9	0.0	-0.10	-0.50		
020.0	020.0	1.5	92.	2.2	234.	205.	0.0	0.0	0.10	0.10		
500.0	501.0	5.5	7.	2.5	241.	202.	0.0	0.0	0.0	0.50		
509.0	509.0	0.0	221.	2.8	243.	202.	0.0	0.0	0.90	0.40		
511.0	512.0	5.1	47.	3.4	244.	250.	0.0	0.0	0.60	0.60		
515.0	514.0	39.2	105.	5.0	240.	199.	0.0	0.0	5.50	2.90		
516.0	519.0	7.5	197.	5.8	245.	105.	0.0	0.0	-0.10	0.50		
525.0	526.0	0.5	45.	8.1	240.	57.	0.0	0.0	0.0	0.50		
526.0	527.0	1.0	92.	8.3	236.	25.	0.0	0.0	0.50	1.50		
560.0	561.0	10.0	51.	8.6	235.	28.	0.0	0.0	0.70	1.00		
565.0	566.0	4.0	107.	8.9	241.	177.	0.0	0.0	0.50	0.70		
567.0	567.0	0.0	85.	9.1	241.	205.	0.0	0.0	-0.40	0.40		
581.0	582.0	1.0	80.	9.3	245.	100.	0.0	0.0	0.0	0.50		
585.0	580.0	10.0	65.	9.6	237.	70.	0.0	0.0	0.40	0.40		
587.0	588.0	15.0	50.	9.8	240.	20.	0.0	0.0	0.60	0.80		
590.0	591.0	15.4	45.	10.0	241.	210.	0.0	0.0	0.50	1.00		
594.0	595.0	11.2	44.	10.3	240.	240.	0.0	0.0	-0.60	-0.20		
602.0	601.0	0.1	87.	10.0	239.	60.	0.0	0.0	-0.10	-0.30		
603.0	608.0	6.0	90.	10.2	237.	110.	0.0	0.0	-0.10	0.20		
607.0	607.0	13.2	60.	10.0	240.	150.	0.0	0.0	0.10	0.40		
611.0	611.0	13.2	52.	10.1	240.	1.	0.0	0.0	0.70	0.70		
615.0	614.0	14.8	61.	10.0	245.	5.	0.0	0.0	0.70	1.00		
618.0	617.0	14.0	57.	10.2	241.	0.	0.0	0.0	0.40	1.10		
627.0	628.0	13.0	20.	10.3	244.	180.	0.0	0.0	0.90	0.90		
634.0	634.0	14.4	54.	10.4	245.	200.	0.0	0.0	1.00	0.60		
637.0	637.0	28.5	134.	10.1	234.	200.	0.0	0.0	2.00	0.50		
641.0	642.0	2.4	54.	10.2	245.	102.	0.0	0.0	-0.10	-0.00		
645.0	644.0	7.9	102.	10.5	244.	55.	0.0	0.0	-0.50	-1.20		
653.0	654.0	10.2	154.	10.5	237.	207.	0.0	0.0	1.00	1.50		
655.0	656.0	9.9	150.	11.0	245.	70.	0.0	0.0	-1.50	-0.20		
657.0	658.0	22.9	50.	11.4	241.	272.	0.0	0.0	-1.00	-1.40		
661.0	662.0	8.5	27.	11.8	242.	107.	0.0	0.0	-0.00	-0.00		
666.0	665.0	5.9	270.	12.1	246.	70.	0.0	0.0	-1.50	-1.50		
669.0	670.0	17.9	1.	12.5	242.	60.	0.0	0.0	0.70	-0.70		
676.0	677.0	36.7	22.	12.7	244.	107.	0.0	0.0	-5.70	-5.50		
686.0	689.0	49.0	117.	12.8	242.	113.	0.0	0.0	-5.20	-4.20		
695.0	694.0	28.5	70.	12.9	240.	90.	0.0	0.0	1.10	1.20		
707.0	706.0	20.6	50.	13.5	238.	107.	0.0	0.0	0.70	0.10		
710.0	711.0	10.5	64.	13.8	235.	69.	0.0	0.0	0.30	0.50		
714.0	715.0	18.9	61.	13.9	238.	66.	0.0	0.0	0.30	0.50		
718.0	719.0	17.5	61.	13.6	235.	85.	0.0	0.0	0.00	0.00		
721.0	722.0	10.0	67.	13.9	238.	71.	0.0	0.0	0.10	0.40		
730.0	731.0	10.7	50.	14.0	232.	257.	0.0	0.0	-0.9	-0.50		
740.0	741.0	22.9	124.	14.4	236.	109.	0.0	0.0	2.50	1.50		
745.0	744.0	25.7	91.	14.6	233.	65.	0.0	0.0	0.80	1.40		
747.0	747.0	13.4	10.	14.9	234.	170.	0.0	0.0	-0.90	-0.20		
754.0	755.0	14.3	61.	15.2	234.	154.	0.0	0.0	0.70	0.00		

CUMULATIVE INTERVAL	COND. GRADE	DIP ANGLE	DIP AZ.	DRIFT ANGLE	DRIFT AZ.	AZ. DIFF.	DOGLEG SEVERITY			
705.0	700.0	10.5	7.	15.0	350.	19.	0.0	0.0	-0.50	0.50
709.0	710.0	35.6	100.	15.5	351.	12.	0.0	0.0	-2.50	-0.10
715.0	716.0	16.3	58.	16.1	352.	78.	0.0	0.0	-0.20	0.50
717.0	716.0	15.5	51.	16.2	350.	45.	0.0	0.0	-0.10	0.50
721.0	722.0	8.4	51.	16.5	347.	405.	0.0	0.0	-0.20	-1.00
724.0	725.0	10.3	76.	16.7	352.	155.	0.0	0.0	-0.10	0.70
727.0	726.0	25.6	59.	17.0	350.	45.	0.0	0.0	0.90	0.40
731.0	732.0	14.9	64.	17.3	351.	19.	0.0	0.0	0.10	0.00
734.0	735.0	25.6	87.	17.7	351.	55.	0.0	0.0	0.80	0.00
741.0	742.0	11.9	57.	18.0	355.	27.	0.0	0.0	-0.10	-0.70
745.0	746.0	19.7	107.	18.3	352.	505.	0.0	0.0	4.40	1.50
747.0	748.0	23.5	2.	18.6	351.	355.	0.0	0.0	0.30	2.20
755.0	756.0	16.9	91.	19.0	350.	81.	0.0	0.0	-0.50	-0.40
755.0	756.0	14.5	57.	19.0	353.	49.	0.0	0.0	0.0	-0.60
759.0	759.0	13.0	61.	19.2	351.	54.	0.0	0.0	-0.40	-0.50
762.0	763.0	19.2	97.	19.4	350.	71.	0.0	0.0	-0.10	-0.90
766.0	767.0	13.6	4.	19.7	353.	354.	0.0	0.0	1.10	-0.40
773.0	774.0	31.0	80.	20.2	350.	122.	0.0	0.0	0.70	-0.40
779.0	780.0	17.2	286.	20.6	352.	-75.	0.0	0.0	-4.50	-5.50
784.0	785.0	11.7	216.	20.9	352.	-148.	0.0	0.0	-5.30	-5.10
790.0	791.0	9.3	175.	21.2	350.	101.	0.0	0.0	-2.50	0.00
801.0	802.0	16.0	298.	22.0	347.	-31.	0.0	0.0	-4.50	-2.00
809.0	810.0	37.7	88.	22.5	351.	62.	0.0	0.0	0.10	2.50
813.0	814.0	55.1	80.	22.8	351.	58.	0.0	0.0	-0.40	1.00
815.0	816.0	7.7	154.	22.9	352.	421.	0.0	0.0	0.80	-2.00
827.0	828.0	29.5	146.	23.3	349.	-41.	0.0	0.0	-3.30	-0.50
833.0	834.0	5.5	53.	23.4	350.	278.	0.0	0.0	-0.20	0.00
835.0	836.0	9.9	24.	23.5	349.	253.	0.0	0.0	1.80	1.10
841.0	842.0	29.2	115.	23.5	349.	107.	0.0	0.0	-5.00	-2.50
853.0	854.0	28.0	91.	23.9	351.	135.	0.0	0.0	-0.20	-0.30
863.0	864.0	28.2	21.	24.3	349.	185.	0.0	0.0	-1.90	-0.80
869.0	869.0	17.0	33.	24.4	351.	109.	0.0	0.0	-0.90	-2.80
874.0	875.0	10.3	31.	24.5	349.	64.	0.0	0.0	-0.30	-0.50
876.0	876.0	17.6	53.	24.6	350.	64.	0.0	0.0	0.00	0.10
882.0	883.0	15.9	53.	24.7	350.	91.	0.0	0.0	-1.10	-0.50
887.0	888.0	9.9	50.	24.8	350.	38.	0.0	0.0	-1.20	-1.20
890.0	891.0	18.1	51.	24.9	350.	102.	0.0	0.0	-0.50	-0.70
896.0	897.0	12.2	61.	25.0	349.	100.	0.0	0.0	0.50	1.50
903.0	904.0	11.0	30.	25.0	349.	109.	0.0	0.0	-0.80	1.00
909.0	910.0	10.9	59.	25.1	350.	105.	0.0	0.0	-1.00	1.10
913.3	914.0	4.8	85.	25.1	350.	101.	0.0	0.0	-1.00	0.00
917.0	918.0	7.4	90.	25.1	350.	100.	0.0	0.0	-1.00	0.00
921.0	922.0	9.0	71.	25.0	351.	101.	0.0	0.0	-1.50	0.50
927.0	928.0	4.9	314.	24.9	350.	93.	0.0	0.0	-2.70	-0.90
931.0	932.0	1.1	264.	24.9	350.	88.	0.0	0.0	-2.70	-0.70
937.0	938.0	11.0	51.	25.0	350.	85.	0.0	0.0	-1.00	-0.20
942.0	943.0	7.7	50.	25.0	349.	87.	0.0	0.0	-1.00	-0.50
947.0	948.0	11.9	107.	25.0	350.	82.	0.0	0.0	-3.00	0.0
952.0	953.0	8.3	90.	25.0	350.	79.	0.0	0.0	-1.70	-0.20
958.0	959.0	8.9	86.	25.0	350.	77.	0.0	0.0	-1.50	-0.50
962.0	963.0	6.6	0.	25.0	350.	77.	0.0	0.0	-1.90	-1.20
967.0	968.0	5.1	120.	25.0	350.	80.	0.0	0.0	-2.70	-0.50
971.0	972.0	7.8	151.	25.0	350.	78.	0.0	0.0	-2.90	-0.20
976.0	977.0	3.5	104.	25.0	350.	75.	0.0	0.0	-2.90	-0.40
982.0	983.0	6.6	142.	25.0	350.	70.	0.0	0.0	-3.00	-1.10

CORRELATION INTERVAL	COMP. GRADE	DIP ANGLE	DIP AZ.	DIP AZIMUTH	UNIT AZ.	UNIT AZIMUTH	VIA	DISPLACEMENTS IN	IN	IN
980.0	980.0	0.0	272.	25.1	212.	07.	7.2	0.0	-2.70	-1.40
990.0	992.0	10.0	194.	23.0	210.	04.	7.2	0.0	-4.40	-1.80
999.0	1000.0	28.2	34.	22.9	213.	202.	7.0	0.0	-0.00	-0.20
1000.0	1001.0	27.0	44.	22.4	212.	196.	7.0	0.0	0.30	-0.50
1005.0	1007.0	27.0	82.	22.5	210.	74.	7.0	0.0	0.20	-2.20
1012.0	1013.0	32.2	53.	22.8	210.	05.	7.0	0.0	0.00	-1.60
1015.0	1017.0	30.0	51.	23.0	213.	00.	7.1	0.0	0.00	-0.70
1025.0	1025.5	10.0	352.	22.8	210.	12.	7.2	0.0	-1.00	-1.90
1027.0	1031.0	10.5	20.	22.9	211.	27.	7.2	0.0	-2.00	-1.40
1035.0	1036.0	12.2	51.	22.9	210.	54.	7.0	0.0	-0.70	-0.0
1040.0	1041.0	12.0	40.	22.9	209.	31.	7.2	0.0	-1.30	-3.70
1051.0	1052.0	10.2	43.	23.0	211.	35.	7.1	0.0	-0.00	-0.50
1053.0	1054.0	6.8	27.	23.0	214.	02.	7.2	0.0	-1.70	-1.30
1056.0	1057.0	12.0	00.	23.0	214.	51.	7.2	0.0	-1.90	-0.50
1058.0	1059.0	0.0	270.	23.1	213.	07.	7.1	0.0	-2.00	-2.00
1060.0	1065.0	10.5	155.	23.2	211.	34.	7.1	0.0	-2.50	-1.00
1069.0	1070.0	11.0	09.	23.0	210.	35.	7.0	0.0	-1.00	-1.00
1070.0	1070.0	0.0	110.	23.0	210.	34.	7.0	0.0	-2.50	-2.20
1074.0	1080.0	0.0	201.	23.7	211.	54.	7.0	0.0	-1.00	-1.00
1083.0	1083.5	0.0	180.	23.0	210.	55.	7.0	0.0	-2.00	-2.00
1087.0	1088.0	11.0	330.	23.0	210.	00.	7.0	0.0	-2.50	-2.00
1102.0	1105.0	17.2	330.	23.5	212.	00.	7.0	0.0	-0.10	-4.00
1115.0	1116.0	10.5	09.	23.0	211.	37.	7.0	0.0	-1.50	-1.20
1117.0	1118.0	10.0	11.	23.5	211.	00.	7.0	0.0	-0.20	-1.00
1119.0	1119.0	11.0	105.	23.6	211.	02.	7.0	0.0	-2.50	-1.10
1129.0	1129.0	12.5	307.	23.7	211.	30.	7.0	0.0	-2.20	-3.00
1137.0	1138.0	10.5	27.	23.7	211.	00.	7.0	0.0	-1.50	-2.00
1155.0	1156.0	10.0	0.0	23.7	211.	32.	7.0	0.0	-2.00	-1.00
1158.0	1159.0	5.0	000.	23.7	211.	00.	7.0	0.0	-2.50	-2.70
1180.0	1182.0	0.0	000.	23.8	210.	00.	7.0	0.0	-2.50	-1.00
1190.0	1191.0	15.0	204.	23.8	210.	00.	7.0	0.0	-1.50	-1.00
1196.0	1197.0	5.0	10.	23.8	210.	00.	7.0	0.0	-2.50	-2.00
1199.0	1200.0	15.0	00.	23.8	210.	00.	7.0	0.0	-1.50	-1.20
1154.0	1170.0	15.0	60.	24.0	211.	00.	7.0	0.0	-1.50	0.0
1162.0	1163.0	19.2	07.	23.0	210.	34.	6.0	0.0	-1.70	0.20
1186.0	1190.0	20.2	52.	23.1	220.	00.	6.0	0.0	0.20	0.70
1191.0	1192.0	15.0	20.	23.1	220.	30.	6.0	0.0	-0.50	-1.10
1195.0	1198.0	14.0	07.	23.1	220.	00.	6.0	0.0	-1.10	-0.50
1197.0	1198.0	20.0	101.	23.2	220.	00.	6.0	0.0	-1.70	0.00
1200.0	1201.0	7.0	01.	23.2	221.	00.	6.0	0.0	-2.30	-1.00
1205.0	1206.0	10.0	50.	23.3	221.	00.	6.0	0.0	-1.20	-0.50
1207.0	1208.0	10.3	07.	23.3	220.	57.	6.0	0.0	-1.00	-1.00
1209.0	1210.0	11.0	01.	23.0	219.	58.	6.0	0.0	-1.00	-1.10
1215.0	1219.0	15.7	117.	23.0	215.	32.	6.0	0.0	-2.20	-1.00
1217.0	1218.0	0.7	24.	23.3	218.	00.	6.0	0.0	-1.50	-1.50
1220.0	1222.0	15.0	7.	23.6	217.	07.	6.0	0.0	-1.70	-3.00
1225.0	1225.0	0.0	341.	23.6	217.	50.	6.0	0.0	-1.20	-2.20
1230.0	1232.0	0.1	25.	23.7	219.	51.	6.0	0.0	-2.30	-2.20
1235.0	1234.0	10.0	50.	23.7	219.	52.	6.0	0.0	-1.10	-3.00
1236.0	1239.0	13.0	7.	23.0	220.	51.	6.0	0.0	-1.70	-1.70
1240.0	1244.0	12.1	217.	23.0	220.	51.	6.0	0.0	-2.30	-2.50
1253.0	1254.0	12.2	01.	23.0	220.	50.	7.0	0.0	-1.00	-1.10
1259.0	1260.0	10.5	101.	23.0	221.	55.	7.0	0.0	-2.50	-1.00
1262.0	1265.0	10.0	00.	23.0	221.	51.	7.0	0.0	-1.00	-0.00
1269.0	1270.0	10.5	110.	23.0	222.	00.	7.0	0.0	-2.70	-0.00

CORRELATION INTERVAL		COMP. GRADE	DIP ANGLE	DIP AZ.	DRFT ANGLE	DRFT AZ.	DIA NO.1	DIA 13	DISPLACEMENTS NO.1	NO.2	NO.3
1561.0	1562.0	C	8.0	190.	26.9	226.	50.	7.1	0.0	-3.40	-4.20
1567.0	1568.0	C	6.5	327.	27.7	220.	28.	7.1	0.0	-1.50	-3.20
1569.0	1570.0	C	10.4	61.	27.8	225.	2.	7.1	0.0	-1.10	-2.00
1571.0	1572.0	C	19.5	99.	28.0	225.	360.	7.1	0.0	-0.30	-1.10
1573.0	1574.0	C	25.0	87.	26.2	225.	359.	7.1	0.0	-1.30	-0.40
1577.0	1578.0	C	16.1	50.	28.7	226.	7.	7.9	0.0	-0.80	-2.00
1579.0	1580.0	C	29.2	76.	28.9	227.	13.	7.0	0.0	-1.50	-0.40
1585.0	1586.0	C	25.4	115.	29.5	224.	11.	7.1	0.0	-4.00	-2.00
1586.0	1587.0	C	13.5	75.	29.0	226.	9.	7.1	0.0	-1.50	-2.00
1591.0	1592.0	C	60.0	45.	30.0	220.	195.	7.0	0.0	-1.90	-3.50
1594.0	1595.0	C	9.6	311.	30.1	225.	28.	7.0	0.0	-1.80	-3.80
1597.0	1598.0	C	45.0	73.	30.2	225.	239.	7.0	0.0	-1.40	-2.00
1601.0	1602.0	C	7.1	47.	30.0	226.	10.	7.0	0.0	-1.10	-2.60
1602.0	1603.0	C	15.0	64.	30.4	226.	10.	7.2	0.0	-1.20	-1.00
1617.0	1618.0	C	7.9	32.	30.7	226.	35.	7.0	0.0	-1.30	-2.50
1623.0	1624.0	C	5.8	113.	30.4	227.	31.	7.0	0.0	-2.70	-3.00
1627.0	1628.0	C	35.0	53.	30.2	228.	209.	6.9	0.0	-1.10	-2.60
1633.0	1634.0	C	20.2	108.	29.9	226.	5.	7.0	0.0	-2.70	-2.00
1639.0	1640.0	C	6.2	76.	29.9	226.	14.	7.1	0.0	-1.80	-2.00
1641.0	1642.0	C	8.7	72.	29.9	226.	18.	7.1	0.0	-1.80	-2.50
1645.0	1646.0	C	8.0	30.	30.1	220.	18.	7.1	0.0	-1.40	-2.50
1647.0	1647.5	A	35.1	73.	30.1	226.	201.	7.1	0.0	-2.40	-3.50
1649.0	1649.5	A	1.4	324.	30.2	226.	17.	7.2	0.0	-1.70	-3.60
1651.0	1652.0	C	4.8	177.	30.2	227.	19.	7.2	0.0	-2.80	-4.20
1657.0	1658.0	C	22.2	186.	30.4	226.	7.	7.1	0.0	-4.30	-7.30
1662.0	1663.0	C	26.2	179.	30.0	230.	15.	7.1	0.0	-5.90	-7.00
1664.0	1666.0	C	17.0	120.	30.7	230.	184.	7.1	0.0	-2.50	-3.20
1673.0	1674.0	C	5.7	180.	31.0	227.	4.	7.1	0.0	-1.70	-4.30
1677.0	1678.0	C	13.2	194.	31.0	227.	4.	7.1	0.0	-2.10	-2.50
1686.0	1687.0	C	21.5	67.	30.7	228.	16.	7.0	0.0	-2.40	-3.20
1691.0	1692.0	C	10.9	77.	30.7	228.	16.	7.0	0.0	-1.00	-2.60
1693.0	1694.0	C	7.1	357.	30.7	228.	15.	7.0	0.0	-1.30	-2.80
1698.0	1699.0	B	38.2	340.	30.0	230.	14.	7.0	0.0	-5.50	-3.10
1704.0	1705.0	C	35.9	180.	30.5	230.	65.	6.4	0.0	-9.70	-3.10
1710.0	1710.5	C	8.1	123.	30.4	229.	40.	6.6	0.0	-4.00	-2.60
1715.0	1716.0	C	36.8	93.	30.5	229.	203.	6.9	0.0	-1.10	-3.00
1719.0	1720.0	C	28.9	43.	30.4	230.	351.	6.9	0.0	0.60	2.00
1741.0	1742.0	C	52.6	71.	31.8	230.	13.	7.0	0.0	-1.00	1.60
1745.0	1746.0	C	12.9	40.	31.9	230.	5.	7.0	0.0	-1.50	-2.40
1750.0	1751.0	C	10.6	120.	31.9	231.	2.	7.0	0.0	-2.40	-3.40
1756.0	1757.0	C	5.2	230.	31.9	232.	4.	7.0	0.0	-0.60	-0.60
1761.0	1762.0	C	9.4	259.	31.8	233.	347.	7.0	0.0	1.10	-3.80
1763.0	1764.0	C	8.6	99.	31.8	233.	337.	7.1	0.0	0.0	-2.60
1771.0	1772.0	C	5.2	14.	31.7	235.	322.	7.1	0.0	2.10	-1.10
1779.0	1780.0	C	10.5	31.	31.6	235.	358.	7.1	0.0	1.10	-1.00
1783.0	1784.0	C	18.0	29.	31.6	233.	335.	7.1	0.0	1.50	-0.60
1785.0	1786.0	C	8.7	80.	31.8	233.	337.	7.1	0.0	0.60	-1.70
1791.0	1792.0	C	7.4	41.	31.0	232.	345.	7.1	0.0	0.50	-2.10
1797.0	1798.0	C	36.1	27.	31.7	235.	315.	7.2	0.0	1.20	1.60
1807.0	1808.0	C	7.6	22.	31.0	234.	330.	7.0	0.0	1.30	-1.30
1814.0	1814.5	C	12.2	343.	29.5	232.	342.	7.1	0.0	1.80	-1.50
1820.0	1820.5	C	12.2	2.	30.5	231.	351.	7.1	0.0	1.80	-0.80
1825.0	1826.0	C	10.5	317.	31.0	232.	331.	7.1	0.0	2.00	-1.40
1827.0	1828.0	C	8.0	321.	31.1	232.	332.	7.2	0.0	2.30	-1.60
1837.0	1837.5	C	10.1	119.	30.7	232.	332.	7.0	0.0	0.0	-2.40

CORRELATION INTERVAL	CORR. GRADE	DIP ANGLE	DIP AZ.	DIP DIRECT ANGLE	DIP DIRECT AZ.	DIP DIRECT AZ.	DIA	DISPLACEMENTS		
1001.0	1041.5	20.5	55.	51.0	260.	347.	7.1	0.0	5.50	0.10
1049.0	1050.0	28.7	174.	31.6	221.	529.	7.1	0.0	-0.00	-0.10
1057.0	1059.0	0.2	27.	52.1	240.	147.	7.1	0.0	0.50	-2.00
1065.0	1064.0	8.2	70.	52.4	242.	350.	7.0	0.0	0.50	-2.50
1067.0	1068.0	6.1	51.	52.5	252.	142.	7.0	0.0	0.50	-2.50
1075.0	1070.0	7.7	7 .	51.9	253.	0.	7.0	0.0	-1.00	-2.50
1078.0	1080.0	5.1	.	51.9	257.	7.	6.9	0.0	-0.50	-3.50
1080.0	1081.0	6.7	53.	52.0	259.	2.	6.9	0.0	-0.50	-3.50
1084.0	1085.0	16.0	51.	52.1	261.	15.	6.9	0.0	0.50	-4.00
1087.0	1086.0	17.8	12.	52.2	263.	10.	6.9	0.0	-4.50	-6.00
1092.0	1094.0	9.6	27.	52.3	265.	20.	6.9	0.0	-1.00	-4.50
1095.0	1096.0	55.8	15.	52.0	260.	26.	6.9	0.0	-5.00	-4.50
1096.0	1098.0	57.5	14.	52.0	255.	17.	6.9	0.0	-5.50	-4.00
1098.0	1099.0	12.5	29.	52.7	262.	37.	6.9	0.0	-2.00	-5.00
1099.0	1101.0	15.2	31.	52.7	258.	30.	6.9	0.0	-1.50	-4.50
1115.0	1114.0	1.7	10.	52.7	254.	30.	6.9	0.0	-2.00	-5.50
1117.0	1116.0	24.9	56.	52.7	250.	31.	6.9	0.0	0.10	-5.50
1122.0	1123.0	26.5	53.	52.7	255.	47.	6.9	0.0	-0.00	-5.70
1124.0	1127.0	12.9	11.	52.7	254.	48.	6.9	0.0	-0.50	-5.70
1127.0	1120.0	24.7	55.	52.7	258.	48.	6.9	0.0	-1.20	-6.20
1130.0	1131.0	10.2	49.	52.7	250.	49.	6.9	0.0	-1.00	-6.50
1134.0	1133.0	0.7	119.	52.7	240.	47.	7.1	0.0	-2.00	-5.70
1136.0	1137.0	21.0	349.	52.7	240.	58.	7.1	0.0	-1.00	-6.20
1145.0	1144.0	11.9	211.	52.5	239.	38.	6.9	0.0	-3.00	-5.00
1148.0	1148.0	17.8	177.	52.0	234.	57.	6.9	0.0	-5.50	-4.00
1155.0	1154.0	14.7	199.	52.1	231.	44.	6.9	0.0	-4.00	-5.00
1156.0	1157.0	24.7	191.	52.2	232.	53.	7.0	0.0	-5.50	-5.50
1161.0	1160.0	12.8	52.	52.4	250.	58.	6.9	0.0	-1.00	-6.00
1171.0	1172.0	8.3	203.	52.4	252.	40.	7.0	0.0	-0.00	-6.50
1175.0	1174.0	11.2	10.	52.5	250.	50.	6.9	0.0	-2.70	-6.20
1177.0	1178.0	6.2	17.	52.3	257.	45.	6.9	0.0	-3.50	-5.00
1181.0	1182.0	5.0	21.	52.3	250.	43.	6.9	0.0	-3.50	-6.20
1185.0	1188.0	15.0	15.	52.1	254.	40.	6.9	0.0	-5.70	-5.70
1189.0	1190.0	5.1	169.	52.2	251.	44.	6.9	0.0	-5.70	-5.50
1191.0	1192.0	2.7	280.	52.3	252.	35.	6.9	0.0	-5.50	-5.50
1195.0	1196.0	50.5	124.	52.0	255.	44.	6.9	0.0	-4.00	-1.00
2001.0	2002.0	50.9	101.	51.7	242.	42.	6.9	0.0	-2.50	-0.20
2003.0	2006.0	8.7	11.	51.5	235.	49.	6.9	0.0	-2.50	-5.70
2009.0	2010.0	6.2	151.	51.9	240.	59.	6.9	0.0	-3.00	-5.20
2015.5	2014.0	14.7	125.	52.1	230.	41.	6.9	0.0	-3.50	-2.10
2015.0	2016.0	14.0	97.	52.1	245.	55.	6.9	0.0	-2.50	-2.20
2016.0	2017.0	4.8	154.	52.1	235.	50.	6.9	0.0	-2.70	-5.50
2019.0	2020.0	14.5	60.	52.2	234.	34.	6.9	0.0	-2.10	-2.00
2025.0	2024.0	4.5	144.	52.5	238.	56.	7.0	0.0	-3.70	-5.20
2026.0	2027.0	4.2	203.	52.4	238.	41.	7.0	0.0	-4.20	-4.40
2033.0	2034.0	11.2	7 .	52.5	235.	34.	6.9	0.0	-2.00	-2.00
2037.0	2038.0	10.1	37.	52.2	234.	40.	6.9	0.0	-1.10	-1.70
2041.0	2042.0	20.1	31.	52.1	237.	39.	7.0	0.0	-0.50	-0.70
2046.0	2045.0	18.5	31.	52.2	237.	32.	7.0	0.0	-0.00	-1.00
2053.0	2054.0	23.7	25.	52.0	237.	42.	7.0	0.0	-0.50	-0.05
2056.0	2057.0	11.5	190.	51.7	237.	45.	6.9	0.0	-4.50	-4.00
2065.0	2066.0	13.7	127.	51.4	237.	41.	6.9	0.0	-5.10	-2.70
2068.0	2069.0	19.2	170.	51.0	236.	46.	6.9	0.0	-4.00	-3.00
2074.0	2075.0	14.5	150.	50.8	235.	42.	6.9	0.0	-4.50	-4.20
2081.0	2082.0	17.2	112.	50.6	234.	42.	6.9	0.0	-4.00	-0.50

CORRELATION INTERVAL		CORR. GRADE	DIP ANGLE	DIP AZ.	DRFT ANGLE	DRFT AZ.	HIA C.R.1	IS	DISPLACEMENTS NO.1	NO.2	NO.3
2096.0	2096.0	D	15.0	152.	30.7	239.	34.	7.0	0.0	-5.00	-5.80
2097.0	2096.0	D	2.2	171.	30.7	239.	40.	7.0	0.0	-5.40	-5.80
2102.5	2103.5	C	5.5	327.	29.5	234.	52.	7.0	0.0	-2.90	-4.00
2103.5	2104.5	C	7.7	294.	30.2	235.	47.	6.5	0.0	-2.50	-0.10
2110.0	2112.0	C	57.2	43.	30.1	234.	132.	6.9	0.0	-2.90	-2.00
2118.0	2119.0	C	15.1	255.	29.5	236.	120.	7.0	0.0	5.30	-2.00
2120.5	2121.5	C	8.0	227.	29.3	230.	118.	7.0	0.0	2.70	-2.00
2140.0	2141.1	D	44.9	30.	28.7	234.	71.	7.1	0.0	1.90	6.10
2152.0	2154.0	D	16.0	272.	28.7	235.	61.	7.2	0.0	-4.50	-5.20
2178.7	2179.5	C	35.8	73.	28.9	239.	50.	7.1	0.0	-4.20	0.40
2179.5	2180.8	C	55.5	77.	28.9	239.	50.	7.1	0.0	-0.20	1.00
2185.5	2186.5	D	43.5	14.	28.8	241.	67.	6.9	0.0	1.40	-1.00
2202.0	2204.0	A	10.4	327.	28.5	235.	60.	7.1	0.0	-2.20	-4.70
2208.0	2209.2	D	8.1	195.	28.5	235.	50.	7.0	0.0	-5.00	-5.50
2217.5	2218.5	C	18.8	327.	28.1	231.	57.	7.0	0.0	-2.00	-4.10
2224.5	2225.5	D	13.0	221.	28.0	230.	61.	7.0	0.0	-8.20	-5.00
2225.5	2226.5	D	13.8	258.	28.0	230.	61.	7.0	0.0	-4.00	-4.00
2235.0	2240.5	D	27.0	184.	28.0	240.	72.	7.0	0.0	-6.00	-1.00
2240.5	2242.0	C	28.1	190.	28.0	236.	70.	7.0	0.0	-5.00	-5.00
2244.0	2246.0	D	9.0	200.	28.0	239.	64.	7.0	0.0	-4.20	-5.20
2246.0	2248.0	D	6.9	332.	28.0	201.	63.	6.9	0.0	-2.60	-2.90
2248.0	2250.0	D	7.2	280.	28.0	241.	61.	6.8	0.0	-5.40	-5.70
2250.0	2252.0	A	5.4	229.	28.0	240.	70.	6.8	0.0	-5.40	-2.70
2252.0	2253.0	D	9.8	227.	28.0	238.	77.	6.8	0.0	-4.50	-2.60
2254.0	2255.5	D	14.0	177.	28.0	235.	70.	6.9	0.0	-4.20	-1.70
2256.0	2257.0	D	15.5	152.	28.0	240.	70.	6.9	0.0	-5.90	-1.70
2258.0	2260.0	D	10.0	150.	28.0	240.	68.	6.9	0.0	-5.00	-1.00
2260.0	2261.0	D	1.4	290.	28.0	240.	60.	6.9	0.0	-2.90	-2.00
2268.0	2269.5	A	13.6	17.	28.0	239.	75.	7.0	0.0	-2.80	-1.90
2273.1	2274.1	C	28.6	352.	28.0	240.	76.	7.0	0.0	-1.90	-4.80
2274.1	2276.1	C	13.1	47.	28.0	240.	78.	7.0	0.0	-2.50	-1.90
2281.0	2282.5	C	15.5	162.	27.8	244.	52.	7.0	0.0	-4.10	-1.00
2286.5	2287.5	D	15.9	257.	27.8	236.	79.	7.0	0.0	-5.50	-0.80
2288.0	2289.5	C	22.1	209.	27.8	238.	69.	7.0	0.0	-0.70	-5.70
2292.0	2293.5	C	19.5	210.	27.7	242.	65.	7.0	0.0	-4.00	-4.20
2334.5	2335.5	D	22.9	25.	27.2	249.	75.	7.2	0.0	-0.50	-1.60
2344.5	2345.5	D	42.2	56.	27.1	250.	60.	7.0	0.0	1.90	0.50
2355.0	2355.5	D	19.9	91.	27.0	240.	55.	7.2	0.0	-1.80	-0.50
2359.5	2360.1	C	6.5	220.	27.0	240.	53.	7.3	0.0	-5.50	-5.70
2360.0	2361.5	C	15.7	220.	27.0	240.	60.	7.2	0.0	-4.80	-4.80
2364.5	2367.5	C	16.1	215.	26.9	240.	65.	7.2	0.0	-4.50	-5.50
2391.0	2391.5	D	20.4	7.	26.8	245.	60.	6.8	0.0	0.70	-2.00
2393.0	2393.5	C	10.5	332.	26.8	243.	51.	6.8	0.0	-1.30	-5.30
2395.0	2395.7	C	8.8	35.	26.8	243.	59.	6.9	0.0	-1.50	-2.10
2400.0	2401.5	D	10.5	341.	26.8	241.	50.	6.9	0.0	-1.50	-5.00
2406.0	2407.5	D	19.3	341.	26.8	240.	52.	6.9	0.0	-1.00	-4.10
2409.0	2410.5	C	15.4	349.	26.0	239.	55.	6.9	0.0	-1.00	-2.80
2415.0	2416.5	C	15.7	340.	26.8	242.	54.	6.9	0.0	-0.80	-5.00
2418.2	2420.5	C	5.5	275.	26.8	244.	52.	6.9	0.0	-2.40	-5.50
2420.5	2422.0	C	15.2	351.	26.8	243.	50.	6.9	0.0	-4.80	-2.70
2422.0	2425.5	D	11.2	351.	26.8	242.	48.	6.9	0.0	-1.90	-2.80
2430.0	2431.5	D	16.2	4.	26.8	242.	61.	6.9	0.0	-0.90	-2.50
2433.0	2433.5	C	17.8	71.	26.8	243.	64.	6.9	0.0	-1.40	-1.20
2437.5	2435.5	D	10.8	123.	26.8	241.	62.	6.9	0.0	-2.20	-5.00
2439.0	2439.5	C	5.7	124.	26.8	241.	54.	6.9	0.0	-2.20	-3.00

CORRELATION INTERVAL	CORR. COEF.	DIP ANGLE	DIP AZ.	DIP ANGLE	DIP AZ.	AZ. DIFF.	DIP	DISPLACEMENTS		
								NO. 1	NO. 2	NO. 3
2005.5	2007.5	25.3	76.	26.9	280.	47.	0.0	0.0	0.50	0.0
2005.5	2006.0	28.3	76.	26.9	280.	50.	0.0	0.0	0.40	0.50
2005.5	2006.0	12.1	23.	27.1	283.	40.	0.0	0.0	0.50	1.10
2005.5	2007.0	12.7	51.	27.1	283.	47.	0.0	0.0	0.90	1.60
2007.5	2008.5	15.0	55.	27.1	283.	50.	0.0	0.0	1.50	2.90
2007.5	2008.5	19.5	38.	27.1	283.	40.	0.0	0.0	1.20	2.90
2008.0	2009.0	8.7	1.	27.1	283.	40.	0.0	0.0	1.10	2.70
2009.0	2010.5	7.9	58.	27.2	283.	40.	0.0	0.0	1.50	3.20
2009.5	2010.5	8.4	27.	27.2	283.	45.	0.0	0.0	2.10	3.10
2010.5	2011.5	26.0	9.	27.2	283.	50.	0.0	0.0	1.20	0.0
2010.5	2011.5	6.8	10.	27.3	283.	40.	0.0	0.0	2.10	3.30
2011.0	2012.5	8.5	25.	27.3	283.	35.	0.0	0.0	2.30	3.30
2011.5	2012.5	8.0	41.	27.3	283.	40.	0.0	0.0	2.00	3.70
2012.0	2013.0	5.2	61.	27.3	283.	40.	0.0	0.0	1.90	3.40
2012.5	2013.5	8.5	9.	27.3	283.	30.	0.0	0.0	2.10	3.00
2013.0	2014.5	15.2	17.	27.3	283.	40.	0.0	0.0	2.10	3.20
2013.5	2014.5	8.2	289.	27.3	283.	50.	0.0	0.0	2.30	3.50
2013.5	2014.5	10.2	4.	27.3	283.	35.	0.0	0.0	1.50	2.70
2014.0	2015.0	11.0	0.	27.3	283.	35.	0.0	0.0	1.80	1.60
2014.5	2015.5	3.7	299.	27.3	283.	35.	0.0	0.0	2.50	3.00
2014.5	2015.5	8.3	339.	27.3	283.	30.	0.0	0.0	2.20	3.10
2015.0	2016.0	8.5	307.	27.3	283.	40.	0.0	0.0	2.10	3.40
2015.5	2016.5	19.5	91.	27.5	283.	35.	0.0	0.0	1.50	0.00
2015.5	2016.5	8.2	12.	27.5	283.	30.	0.0	0.0	2.10	3.00
2016.0	2017.0	11.7	25.	27.5	283.	35.	0.0	0.0	2.00	3.20
2016.5	2017.5	13.3	27.	27.6	283.	35.	0.0	0.0	1.80	3.20
2016.5	2017.5	12.0	27.	27.6	283.	35.	0.0	0.0	1.80	3.20
2017.0	2018.0	10.9	34.	27.7	283.	35.	0.0	0.0	2.30	3.10
2017.5	2018.5	29.5	151.	28.0	283.	35.	0.0	0.0	2.30	3.20
2018.5	2019.5	6.3	208.	28.3	283.	37.	0.0	0.0	2.20	3.30
2019.5	2020.5	6.5	338.	28.3	283.	35.	0.0	0.0	2.30	3.50
2020.5	2021.5	11.7	50.	28.5	283.	35.	0.0	0.0	2.70	3.50
2021.5	2022.5	22.8	39.	28.5	283.	37.	0.0	0.0	2.50	3.00
2022.5	2023.5	7.8	283.	28.7	283.	35.	0.0	0.0	2.10	3.50
2023.5	2024.5	6.3	348.	28.7	283.	35.	0.0	0.0	2.00	3.20
2024.5	2025.5	29.6	24.	28.8	283.	40.	0.0	0.0	0.50	1.20
2025.5	2026.5	20.6	41.	28.8	283.	35.	0.0	0.0	2.50	3.10
2026.5	2027.5	10.1	97.	28.9	283.	35.	0.0	0.0	2.20	3.00
2027.0	2028.5	9.1	76.	28.9	283.	30.	0.0	0.0	1.80	2.80
2027.5	2028.5	8.5	51.	28.9	283.	35.	0.0	0.0	1.90	2.70
2028.5	2029.5	14.2	93.	29.0	283.	40.	0.0	0.0	2.00	3.20
2028.5	2029.5	14.2	1.	29.0	283.	35.	0.0	0.0	2.40	3.30
2029.5	2030.5	16.6	10.	29.0	283.	35.	0.0	0.0	2.50	3.20
2030.5	2031.5	15.0	22.	29.0	283.	35.	0.0	0.0	2.30	3.10
2031.5	2032.5	10.4	61.	29.0	283.	35.	0.0	0.0	1.90	3.30
2032.5	2033.5	6.7	44.	29.1	283.	35.	0.0	0.0	1.70	3.20
2033.5	2034.5	7.5	22.	29.1	283.	35.	0.0	0.0	1.80	3.20
2034.5	2035.5	9.4	14.	29.1	283.	35.	0.0	0.0	1.80	3.20
2035.5	2036.5	9.6	61.	29.1	283.	35.	0.0	0.0	1.90	3.20
2036.5	2037.5	8.4	84.	29.2	283.	35.	0.0	0.0	2.10	3.10
2037.5	2038.5	19.8	352.	29.2	283.	35.	0.0	0.0	2.10	3.20
2038.5	2039.5	6.1	294.	29.2	283.	37.	0.0	0.0	2.10	3.00
2039.5	2040.5	8.6	34.	29.2	283.	37.	0.0	0.0	2.20	3.00

CUMULATIVE INTERVAL	CLINO. GRADE	DIP ANGLE	DIP AZ.	UNIT ANGLE	UNIT AZ.	DIA	DISPLACEMENTS NO.1	NO.2	NO.3
2050.0	2050.0	22.5	97.	29.3	244.	5.5	0.0	-0.20	-0.90
2060.0	2060.0	11.3	54.	29.4	244.	5.5	0.0	-1.50	-5.50
2062.0	2060.0	0.5	347.	29.5	243.	5.5	0.0	-2.50	-5.20
2064.0	2060.0	5.9	5.	29.5	243.	5.5	0.0	-2.10	-2.00
2066.0	2060.0	12.1	7.	29.6	242.	5.5	0.0	-1.20	-1.70
2068.0	2070.0	11.0	5.	29.6	242.	5.5	0.0	-1.50	-2.10
2070.0	2072.0	7.5	4.	29.7	243.	5.5	0.0	-1.30	-2.00
2072.0	2074.0	5.0	7.	29.7	244.	5.5	0.0	-1.40	-2.00
2074.0	2076.0	6.9	4.	29.8	244.	5.5	0.0	-2.00	-2.00
2076.0	2078.0	13.7	12.	29.9	244.	5.5	0.0	-2.30	-1.70
2080.0	2080.0	14.9	12.	29.9	244.	5.5	0.0	-3.10	-1.20
2082.0	2080.0	5.7	5.	29.9	243.	5.5	0.0	-2.20	-3.50
2084.0	2080.0	1.7	5.	30.0	243.	5.5	0.0	-2.10	-3.40
2086.0	2087.5	3.7	1.	30.0	243.	5.5	0.0	-3.50	-3.70
2091.0	2092.0	3.5	4.	30.1	243.	5.5	0.0	-1.30	-2.50
2095.0	2094.5	15.5	6.	30.1	243.	5.5	0.0	-1.00	-1.50
2096.5	2094.7	19.4	5.	30.2	243.	5.5	0.0	-1.00	-3.20
2100.0	2102.0	17.1	4.	30.2	243.	5.5	0.0	-1.00	-3.50
2102.0	2104.0	17.3	4.	30.3	243.	5.5	0.0	-3.50	-4.20
2104.5	2105.5	19.5	12.	30.3	243.	5.5	0.0	-0.50	-2.00
2107.0	2105.5	25.2	6.	30.3	243.	5.5	0.0	-0.00	-0.50
2110.0	2112.0	24.2	10.	30.4	244.	5.5	0.0	-0.20	-1.90
2112.0	2114.5	10.2	12.	30.4	243.	5.5	0.0	-2.20	-3.10
2114.5	2116.0	11.8	11.	30.4	243.	5.5	0.0	-1.00	-2.20
2117.0	2118.5	11.5	12.	30.5	243.	5.5	0.0	-1.50	-2.70
2120.0	2121.5	15.2	10.	30.5	243.	5.5	0.0	-2.70	-3.70
2122.0	2123.1	17.0	11.	30.6	243.	5.5	0.0	-2.80	-2.00
2152.0	2153.5	10.5	15.	30.8	244.	5.5	0.0	0.0	0.50
2157.5	2156.0	10.4	10.	30.8	243.	5.5	0.0	-1.00	-2.50
2159.0	2158.5	17.1	12.	30.8	243.	5.5	0.0	-1.00	-3.00
2162.0	2162.5	13.4	10.	30.9	243.	5.5	0.0	-2.00	-3.00
2164.5	2165.1	15.0	12.	31.0	243.	5.5	0.0	-2.50	-2.00
2166.5	2166.5	14.6	13.	31.0	243.	5.5	0.0	-1.90	-3.00
2170.0	2172.0	13.9	12.	31.1	243.	5.5	0.0	-3.00	-2.70
2172.0	2174.0	12.1	9.	31.2	243.	5.5	0.0	-2.10	-2.20
2174.0	2176.0	10.8	9.	31.3	243.	5.5	0.0	-1.80	-1.50
2210.0	2212.0	10.5	12.	31.5	243.	5.5	0.0	-0.90	-2.20
2214.5	2215.5	11.4	324.	31.6	243.	5.5	0.0	-1.40	-0.20
2229.0	2230.0	15.0	350.	31.5	243.	5.5	0.0	-0.10	-1.50
2242.5	2244.5	17.5	350.	31.5	243.	5.5	0.0	-0.90	-3.00
2247.5	2248.1	18.5	350.	31.5	243.	5.5	0.0	-3.50	-5.00
2250.0	2252.0	5.8	347.	31.5	244.	5.5	0.0	-1.90	-5.50
2254.0	2254.0	7.7	291.	31.5	244.	5.5	0.0	-2.70	-4.50
2256.0	2258.0	15.9	320.	31.6	244.	5.5	0.0	-1.60	-0.10
2258.0	2258.0	12.9	324.	31.6	243.	5.5	0.0	-2.10	-4.00
2260.5	2260.0	7.1	340.	31.6	243.	5.5	0.0	-2.20	-5.60
2261.5	2262.5	17.1	300.	31.6	244.	5.5	0.0	-3.00	-5.70
2266.0	2267.5	8.9	340.	31.7	244.	5.5	0.0	-1.40	-5.50
2277.5	2278.0	2.8	203.	31.7	244.	5.5	0.0	-0.90	-5.70
2280.5	2282.5	19.2	330.	31.8	244.	5.5	0.0	-1.50	-2.20
2282.5	2283.5	20.8	27.	31.8	244.	5.5	0.0	-1.10	-1.20
2288.0	2288.5	13.9	21.	31.9	244.	5.5	0.0	-2.00	0.0
2290.0	2292.0	10.7	24.	31.9	244.	5.5	0.0	-1.90	-0.20
2295.7	2296.5	7.5	47.	31.9	244.	5.5	0.0	-1.50	-1.20

CORRELATION INTERVAL	CHAN.	DIP ANGLE	DIP AZ.	UNIT ANGLE	UNIT AZ.	AZ.	DIA	DISPLACEMENTS			
$100.0	$102.0	A	0.9	14.	51.6	281.	152.	0.0	0.0	1.90	0.00
$102.0	$104.0	A	5.0	50.	51.6	281.	152.	0.0	0.0	2.20	1.20
$104.0	$106.0	A	10.0	14.	51.6	281.	153.	0.0	0.0	1.80	0.70
$106.0	$108.0	A	10.0	2.	51.6	280.	154.	0.0	0.0	1.70	0.40
$108.0	$110.0	A	0.0	0.	51.6	280.	154.	0.0	0.0	1.80	1.20
$110.0	$112.0	A	12.8	341.	51.6	280.	155.	0.0	0.0	2.20	0.70
$112.0	$114.0	A	9.0	347.	51.6	280.	155.	0.0	0.0	2.10	1.10
$114.0	$116.0	A	8.7	346.	51.6	280.	156.	0.0	0.0	2.10	1.50
$116.0	$118.0	A	11.5	350.	51.6	280.	156.	0.0	0.0	2.50	1.90
$118.0	$120.0	A	8.5	351.	51.6	279.	156.	0.0	0.0	1.90	1.70
$120.0	$122.0	A	9.9	352.	51.6	279.	156.	0.0	0.0	1.70	2.10
$122.0	$124.0	A	8.5	348.	51.6	279.	157.	0.0	0.0	1.50	2.20
$124.0	$126.0	A	10.0	351.	51.6	279.	157.	0.0	0.0	1.50	1.10
$126.0	$128.0	A	15.7	351.	51.6	280.	157.	0.0	0.0	0.70	1.00
$128.0	$130.0	A	11.5	0.	51.6	280.	157.	0.0	0.0	2.00	0.80
$130.0	$132.0	A	7.6	351.	51.6	281.	157.	0.0	0.0	2.00	0.90
$132.0	$134.0	A	8.5	348.	51.6	281.	157.	0.0	0.0	2.20	0.70
$134.0	$136.0	A	8.3	348.	51.6	282.	157.	0.0	0.0	2.50	0.50
$136.0	$138.0	A	9.9	0.	51.6	282.	157.	0.0	0.0	2.20	0.00
$138.0	$140.0	A	9.7	348.	51.6	281.	157.	0.0	0.0	2.50	0.00
$140.0	$142.0	A	7.6	0.	51.6	280.	158.	0.0	0.0	2.30	0.00
$142.0	$144.0	A	6.0	327.	51.6	279.	158.	0.0	0.0	2.50	1.10
$144.0	$146.0	A	9.0	346.	51.6	279.	158.	0.0	0.0	2.50	1.10
$146.0	$148.0	A	8.9	346.	51.6	279.	158.	0.0	0.0	2.50	1.20
$148.0	$150.0	A	9.9	1.	51.7	279.	158.	0.0	0.0	2.40	1.30
$150.0	$152.0	A	8.9	341.	51.6	279.	158.	0.0	0.0	1.40	0.70
$152.0	$154.0	A	7.4	340.	52.1	280.	158.	0.0	0.0	2.70	0.70
$154.0	$156.0	A	7.9	0.	52.1	281.	158.	0.0	0.0	1.90	1.00
$156.0	$158.0	A	9.7	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$158.0	$160.0	A	9.6	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$160.0	$162.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$162.0	$164.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$164.0	$166.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$166.0	$168.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$168.0	$170.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$170.0	$172.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$172.0	$174.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$174.0	$176.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$176.0	$178.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$178.0	$180.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$180.0	$182.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$182.0	$184.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$184.0	$186.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$186.0	$188.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$188.0	$190.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$190.0	$192.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$192.0	$194.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$194.0	$196.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$196.0	$198.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$198.0	$200.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$200.0	$202.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$202.0	$204.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$204.0	$206.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$206.0	$208.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$208.0	$210.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$210.0	$212.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$212.0	$214.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00
$214.0	$216.0	A	9.9	351.	52.1	281.	158.	0.0	0.0	2.30	1.00

CORRELATION INTERVAL	CORR. DEPTH	DIP ANGLE	DIP AZ.	DRIFT ANGLE	DRIFT AZ.	REL.	DIA IN		DISPLACEMENTS	
3218.5	3220.0	14.5	280.	32.5	238.	440.	7.3	0.0	2.90	-2.36
3221.5	3222.5	15.1	90.	32.5	242.	340.	7.3	0.0	-0.20	-2.10
3222.0	3224.5	22.0	82.	32.5	245.	347.	7.3	0.0	-0.40	-1.40
3223.5	3226.0	11.8	72.	32.5	245.	348.	7.0	0.0	0.80	-1.50
3226.0	3227.0	35.0	65.	32.3	242.	366.	7.0	0.0	-0.26	0.29
3240.0	3245.5	31.2	129.	32.4	241.	466.	7.0	0.0	-2.60	-5.40
3248.0	3250.0	27.8	121.	32.4	231.	345.	7.0	0.0	-2.10	-5.00
3264.5	3266.5	10.5	24.	32.5	242.	315.	7.0	0.0	2.50	0.10
3266.5	3267.5	12.0	33.	32.5	243.	314.	7.0	0.0	2.50	0.20
3267.5	3269.5	11.5	30.	32.5	243.	312.	7.0	0.0	2.50	0.20
3270.0	3272.0	12.5	117.	32.4	243.	400.	7.0	0.0	2.00	-1.10
3278.0	3280.0	13.5	173.	32.4	241.	292.	7.0	0.0	3.70	-0.60
3282.0	3284.5	78.1	83.	32.5	241.	292.	7.0	0.0	-5.20	-4.50
3285.0	3288.0	72.2	67.	32.5	245.	290.	7.0	0.0	-4.00	-1.70
3290.0	3292.0	78.5	63.	32.5	235.	289.	7.0	0.0	-6.20	-8.90
3295.0	3298.7	76.8	90.	32.5	238.	285.	7.0	0.0	-6.30	-6.70

THE FOLLOWING PARAMETERS APPLY TO THE LOCATION 6000.0 FEET TO S200.7

MAGNETIC DECLINATION IS 20.5 DEGREES.

THE 1 TO 2 CORRELATIONS HAVE BEEN COMPLETED 0.2 DEGS.

THE 1 TO 3 CORRELATIONS HAVE BEEN COMPLETED 0.5 DEGS.

ONLEFT W/DROTO AND W/DROTO OF 00.0 1 0200 HAVE BEEN COMPLETED TO
INCLUDE IN THE PRECIPITATION.