



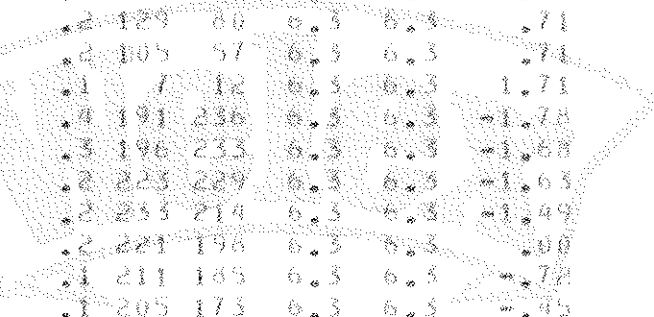
## DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORPORATION  
WELL LONGVIEW FIBER NO.24-12  
FIELD MIST NEHALEM BASIN  
COUNTY COLUMBIA STATE OREGON

**WELEX**

A *Halliburton* Company

CORRELATION INTERVAL	CONR. GRADE	DIP ANG.	DIP AZ.	DRFT ANG.	DRFT AZ.	AZ. NO. 1	DIA 13	DIA 24	DISPLACEMENTS			
									H12	H13	H24	
421.5	422.5	6	8.5	269	.1	154	246	6.3	6.3	-1.25	-1.95	-1.03
423.5	424.5	0	7.8	272	.2	145	215	6.3	6.3	-1.35	-1.70	-1.50
425.5	426.5	0	16.2	226	.2	179	205	6.3	6.3	-1.02	-1.05	-1.01
431.5	432.5	8	20.1	277	.1	174	152	6.3	6.3	1.40	.00	-2.23
437.5	438.5	8	18.3	264	.1	136	99	6.3	6.3	1.45	1.70	-1.19
439.5	440.5	0	15.7	206	.1	100	60	6.3	6.3	.40	.40	-1.25
441.5	442.5	0	2.2	132	.1	66	22	6.3	6.3	-1.25	-1.01	-1.25
443.5	444.5	0	26.0	212	.1	59	17	6.3	6.3	1.51	3.05	-1.23
447.5	448.5	0	42.6	272	.1	2	14	6.3	6.3	-1.00	3.04	4.41
455.5	456.5	0	30.3	182	.5	185	252	6.3	6.3	-1.58	.00	3.61
457.5	458.5	0	35.2	171	.2	158	241	6.3	6.3	-2.69	.00	4.40
459.5	460.5	0	26.9	222	.0	125	227	6.3	6.3	-2.72	-2.90	1.34
461.5	462.5	11	30.7	210	.2	134	210	6.3	6.3	-3.09	-3.50	1.35
465.5	466.5	8	40.8	258	.3	161	181	6.3	6.3	.00	-2.49	-4.57
471.5	472.5	0	33.6	244	.3	106	133	6.3	6.3	2.33	.00	-4.20
477.5	478.5	8	2.3	287	.2	129	66	6.3	6.3	.71	.24	.01
479.5	480.5	0	2.4	263	.2	105	57	6.3	6.3	.74	.23	.01
483.5	484.5	8	34.0	212	.1	7	12	6.3	6.3	1.71	4.24	.00
495.5	496.5	0	25.4	180	.4	191	236	6.3	6.3	-1.74	-1.73	2.95
497.5	498.5	0	21.2	183	.3	196	233	6.3	6.3	-1.58	-1.40	2.51
499.5	500.5	0	31.9	168	.2	223	289	6.3	6.3	-1.63	-1.00	3.88
501.5	502.5	8	42.1	144	.2	233	214	6.3	6.3	-1.49	-1.02	3.43
503.5	504.5	0	17.6	238	.2	221	198	6.3	6.3	.00	-1.92	-1.08
505.5	506.5	8	15.0	213	.1	211	185	6.3	6.3	-1.71	-1.64	-1.22
507.5	508.5	0	13.1	206	.1	205	173	6.3	6.3	-1.45	-1.06	-1.43
515.5	516.5	0	9.3	296	.1	188	166	6.3	6.3	.02	1.02	.00
517.5	518.5	0	11.3	287	.1	127	87	6.3	6.3	.48	1.25	.00
521.5	522.5	0	11.3	287	.1	127	87	6.3	6.3	.48	1.25	.00
523.5	524.5	0	11.3	287	.1	127	87	6.3	6.3	.48	1.25	.00
525.5	526.5	0	11.3	287	.1	127	87	6.3	6.3	.48	1.25	.00
527.5	528.5	0	11.3	287	.1	127	87	6.3	6.3	.48	1.25	.00
529.5	530.5	0	11.3	287	.1	127	87	6.3	6.3	.48	1.25	.00
531.5	532.5	0	11.3	287	.1	127	87	6.3	6.3	.48	1.25	.00
533.5	534.5	0	11.3	287	.1	127	87	6.3	6.3	.48	1.25	.00
535.5	536.5	8	22.5	300	.1	28	10	6.3	6.3	-1.64	.01	2.90
537.5	538.5	0	.2	266	.1	356	7	6.3	6.3	-1.44	.00	.02
539.5	540.5	0	.1	5	.1	332	359	6.3	6.3	-1.21	-1.02	.01
541.5	542.5	8	1.7	11	.1	322	352	6.3	6.3	-1.01	-1.18	.00
543.5	544.5	8	.1	217	.1	311	336	6.3	6.3	.00	.02	.00
545.5	546.5	0	5.3	139	.1	275	247	6.3	6.3	.00	.58	.02
547.5	548.5	8	16.5	125	.3	249	269	6.3	6.3	.59	0.00	.60
549.5	550.5	0	26.3	122	.2	257	263	6.3	6.3	.78	2.40	1.05
551.5	552.5	0	30.9	220	.1	283	276	6.3	6.3	-2.05	-1.70	3.37
553.5	554.5	0	31.2	220	.0	303	282	6.3	6.3	-2.38	-1.48	3.69
555.5	556.5	0	20.0	234	.0	290	264	6.3	6.3	-1.85	-1.53	1.60
563.5	564.5	8	13.9	166	.2	257	237	6.3	6.3	-1.55	-1.01	1.57
565.5	566.5	0	13.6	240	.3	242	230	6.3	6.3	-1.15	-1.50	.01
571.5	572.5	0	27.8	217	.8	85	157	6.3	6.3	-1.02	-2.55	-2.18
573.5	574.5	0	20.8	211	.8	64	143	6.3	6.3	.00	-1.00	-1.87
575.5	576.5	0	.8	58	.8	45	132	6.3	6.3	.00	.01	.00
577.5	578.5	0	32.1	147	.7	30	121	6.3	6.3	.00	-2.23	-3.58
581.5	582.5	0	63.2	348	.5	30	48	6.3	6.3	-1.11	6.65	0.36
587.5	588.5	0	17.8	242	.3	6	67	6.3	6.3	1.92	1.85	-1.96
589.5	590.5	0	.1	1	.1	358	47	6.3	6.3	.01	.00	.00
591.5	592.5	0	15.7	47	.1	347	27	6.3	6.3	.00	-1.78	.00
597.5	598.5	0	8.6	177	.1	43	336	6.3	6.3	-1.43	-1.95	.00
607.5	608.5	0	10.3	293	.1	355	217	6.3	6.3	-1.01	-1.65	-1.95



CORRELATION INTERVAL	CORN. GRADE	DIP ANG.	DIP AZ.	DRIFT ANG.	DRIFT AZ.	AZ. NO. 1	DIA 13	DIA 24	DISPLACEMENTS			
									H12	H13	H24	
609.5	610.5	C	17.8	291	.1	353	205	6.3	6.3	.03	-1.82	-1.85
611.5	612.5	O	13.9	217	.1	353	199	6.3	6.3	.00	-1.55	.03
613.5	614.5	A	38.4	45	.1	350	193	6.3	6.3	1.50	4.90	1.05
615.5	616.5	O	21.5	328	.1	347	184	6.3	6.3	.80	1.40	-2.05
617.5	618.5	C	27.3	262	.1	350	179	6.3	6.3	.50	-1.95	-2.40
621.5	622.5	B	5.5	195	.1	2	176	6.3	6.3	.45	-1.60	.02
629.5	630.5	C	21.1	256	.0	8	146	6.3	6.3	2.00	-1.25	-2.42
631.5	632.5	B	22.5	242	.0	9	137	6.3	6.3	1.95	-1.20	-2.60
635.5	636.5	A	32.6	297	-.0	5	111	6.3	6.3	1.70	3.90	-1.00
641.5	642.5	O	41.5	351	-.1	24	88	6.3	6.3	-1.80	2.55	4.95
643.5	644.5	O	26.1	250	-.1	4	81	6.3	6.3	2.05	2.65	-1.59
669.5	670.5	O	47.4	381	.1	346	17	6.3	6.3	-3.40	-1.70	6.77
671.5	672.5	A	45.7	325	.2	345	7	6.3	6.3	-4.60	-3.00	5.75
673.5	674.5	O	46.0	323	.2	345	1	6.3	6.3	-4.35	-3.50	5.55
715.5	716.5	O	32.9	309	.4	333	74	6.3	6.3	.55	3.55	2.40
767.5	768.5	O	41.8	318	.0	314	63	6.3	6.3	.01	3.30	4.65
793.5	794.5	B	12.2	314	.3	327	295	6.3	6.3	-.70	-1.40	.02
795.5	796.5	O	15.4	297	.4	330	271	6.3	6.3	-1.30	-1.70	-.20
799.5	800.5	O	15.3	139	.4	241	103	6.3	6.3	-1.47	-.75	1.50
801.5	802.5	C	16.5	138	.3	273	157	6.3	6.3	-1.45	-1.45	1.13
807.5	808.5	C	3.9	182	.1	318	162	6.3	6.3	.00	-.42	.00
811.5	812.5	A	14.8	238	.1	331	110	6.3	6.3	.25	.18	-1.65
813.5	814.5	A	14.5	202	.1	329	83	6.3	6.3	.75	.25	-1.60
815.5	816.5	O	5.5	256	.1	335	56	6.3	6.3	-.01	.60	-.02
819.5	820.5	A	5.2	262	.1	339	16	6.3	6.3	.02	.23	.53
821.5	822.5	A	16.9	340	.1	326	348	6.3	6.3	-.72	-1.70	.40
823.5	824.5	A	22.2	307	.1	310	314	6.3	6.3	-1.35	-2.30	1.15
825.5	826.5	A	22.2	307	.1	310	314	6.3	6.3	-1.35	-2.30	1.15
827.5	828.5	A	22.2	307	.1	310	314	6.3	6.3	-1.35	-2.30	1.15
833.5	834.5	A	19.0	252	-.5	307	76	6.3	6.3	1.39	2.05	-.45
835.5	836.5	A	16.5	241	-.4	308	41	6.3	6.3	1.00	1.75	-.04
837.5	838.5	O	12.8	214	-.3	307	14	6.3	6.3	.55	1.45	-.04
851.5	852.5	C	14.9	274	-.0	305	296	6.3	6.3	-1.00	-1.25	1.12
853.5	854.5	A	10.5	300	.0	314	244	6.3	6.3	-.01	-.95	-.68
855.5	856.5	O	10.9	285	.0	320	201	6.3	6.3	.60	-.52	-1.10
857.5	858.5	C	5.6	309	.1	320	166	6.3	6.3	.45	.35	-.52
859.5	860.5	O	2.6	262	.1	328	125	6.3	6.3	-.02	.22	-.19
865.5	866.5	A	21.2	275	.3	346	14	6.3	6.3	-.32	1.15	2.15
867.5	868.5	A	25.1	297	.3	341	351	6.3	6.3	-.40	1.15	2.70
869.5	870.5	O	23.9	214	.4	339	316	6.3	6.3	-.65	1.50	2.30
873.5	874.5	C	31.6	242	.4	321	241	6.3	6.3	-1.80	-3.70	1.22
877.5	878.5	A	61.7	201	.4	310	174	6.3	6.3	-5.45	-11.50	-1.45
887.5	888.5	O	44.4	130	.4	316	61	6.3	6.3	.00	-4.00	-4.60
897.5	898.5	O	53.9	147	.6	327	352	6.3	6.3	6.47	5.90	-5.90
905.5	906.5	O	47.3	103	.7	243	244	6.3	6.3	-1.15	2.85	6.03
907.5	908.5	O	22.1	121	.7	245	241	6.3	6.3	.03	1.90	1.50
909.5	910.5	A	1.2	31	.7	246	236	6.3	6.3	.15	.10	-.05
911.5	912.5	O	7.4	241	.7	246	226	6.3	6.3	-.30	-.90	.00
913.5	914.5	A	22.6	149	.6	290	204	6.3	6.3	-1.50	-.50	2.50
915.5	916.5	A	23.9	107	.6	284	193	6.3	6.3	-1.50	.80	2.60

CORRELATION INTERVAL	CORR. GRADE	DIP ANG.	DIP AZ.	DRIFT ANG.	DRIFT AZ.	AZ. NO. 1	DIA 13	DIA 24	DISPLACEMENTS			
									H12	H15	H24	
957.5	958.5	A	22.7	284	.4	303	350	6.3	6.3	-1.44	-.23	2.67
959.5	960.5	A	22.8	275	.4	306	341	6.5	6.3	-1.56	-.26	2.68
963.5	964.5	D	17.5	277	.4	303	341	6.5	6.3	-.70	-.23	2.00
965.5	966.5	D	21.5	321	.3	307	346	6.3	6.3	-1.45	-1.66	1.77
967.5	968.5	D	27.4	352	.3	311	348	6.3	6.3	-1.43	-3.17	.92
969.5	970.5	D	24.3	352	.3	316	350	6.5	6.3	-.55	-9.60	-8.76
975.5	976.5	A	22.3	291	.3	325	338	6.3	6.3	-.83	-1.03	2.46
979.5	980.5	B	20.2	284	.4	347	347	6.5	6.3	-1.30	-.30	2.30
981.5	982.5	A	25.2	286	.4	343	330	6.3	6.3	-2.03	-1.33	2.65
995.5	996.5	D	35.2	303	.3	341	265	6.3	6.3	-1.26	-4.25	-1.40
1025.5	1026.5	D	16.6	284	.3	15	113	6.3	6.3	1.15	1.65	-.88
1051.5	1052.5	C	21.6	298	.5	25	279	6.5	6.3	-.62	-2.48	.06
1063.5	1064.5	D	33.2	294	.5	4	185	6.5	6.3	2.00	.00	-4.12
1065.5	1066.5	D	9.4	288	.5	7	182	6.5	6.3	.67	.01	-.70
1067.5	1068.5	B	15.5	19	.5	15	180	6.3	6.3	.01	1.80	-.01
1069.5	1070.5	H	22.0	348	.5	27	173	6.5	6.3	2.12	2.23	-1.27
1083.5	1084.5	B	23.4	203	.7	317	113	6.3	6.3	1.85	-.40	-2.48
1087.5	1088.5	D	25.5	248	.6	19	108	6.3	6.3	2.82	1.50	-2.50
1095.5	1096.5	B	16.6	277	.8	21	111	6.3	6.3	1.59	1.55	-.97
1109.5	1110.5	D	17.7	308	.8	28	110	6.3	6.3	.00	1.99	.01
1111.5	1112.5	D	13.5	307	.8	28	110	6.3	6.3	1.75	1.50	.00
1113.5	1114.5	B	34.2	309	.8	29	110	6.3	6.3	1.72	4.23	.61
1115.5	1116.5	A	34.3	275	.5	31	111	6.3	6.3	2.20	3.45	-2.40
1117.5	1118.5	A	16.6	283	.8	33	110	6.3	6.3	-.95	1.63	-.75
1119.5	1120.5	A	16.6	283	.8	36	109	6.3	6.3	-.95	1.63	-.75
1139.5	1140.5	C	16.3	296	.4	40	108	6.3	6.3	-1.58	-.02	1.78
1141.5	1142.5	D	22.6	340	.9	61	13	6.3	6.3	-2.38	-1.65	2.01
1143.5	1144.5	D	23.4	304	.9	61	13	6.3	6.3	-2.55	-1.65	2.01
1149.5	1150.5	D	19.0	284	1.1	50	112	6.3	6.3	-.85	-.35	-.87
1151.5	1152.5	B	9.1	243	1.2	56	107	6.3	6.3	-.82	-.35	-.80
1175.5	1176.5	A	23.6	327	1.3	67	71	6.3	6.3	-.50	1.40	2.31
1177.5	1178.5	A	24.7	296	1.3	62	40	6.3	6.3	-.40	1.45	2.35
1179.5	1180.5	D	36.0	286	1.3	65	24	6.3	6.3	-.15	2.00	3.90
1193.5	1194.5	A	31.0	273	1.4	52	187	6.3	6.3	1.00	-1.41	-3.30
1195.5	1196.5	A	29.3	256	1.4	53	169	6.3	6.3	1.30	-1.50	-3.10
1199.5	1200.5	D	10.7	318	1.4	65	125	6.3	6.3	.00	1.10	.00
1201.5	1202.5	D	1.5	271	1.5	71	103	6.3	6.3	.01	.00	.00
1207.5	1208.5	A	44.6	342	1.4	60	19	6.3	6.3	-4.45	-3.50	5.10
1209.5	1210.5	A	42.2	336	1.4	60	11	6.3	6.3	-4.20	-3.40	4.50
1214.5	1220.5	A	12.5	324	1.4	55	218	6.3	6.3	.65	.05	-1.35
1221.5	1222.5	D	9.1	294	1.4	49	187	6.3	6.3	.10	.00	-.90
1223.5	1224.5	D	56.1	60	1.4	51	171	6.5	6.3	-1.50	0.48	7.50
1245.5	1246.5	A	30.8	321	1.6	51	326	6.3	6.3	-2.40	-3.40	1.40
1247.5	1248.5	A	32.2	304	1.6	50	306	6.3	6.3	-2.60	-3.60	1.50
1267.5	1268.5	D	16.3	276	1.7	67	102	6.3	6.3	2.02	1.50	-.69
1281.5	1282.5	B	1.8	258	1.8	62	16	6.3	6.3	-.70	.01	-.01
1287.5	1288.5	A	13.9	337	1.8	60	346	6.3	6.3	-1.07	-1.42	.55
1289.5	1290.5	C	13.9	314	1.8	44	320	6.3	6.3	-1.02	-1.40	.50
1293.5	1294.5	C	12.1	0	1.7	47	302	6.3	6.3	-.96	-1.02	-1.02
1297.5	1298.5	H	24.0	286	1.7	42	291	6.3	6.3	-1.40	-2.45	1.00
1299.5	1300.5	F	20.6	286	1.7	45	295	6.3	6.3	-1.50	-2.00	.95

CORRELATION INTERVAL	CORR. GRADE	DIP ANG.	DTP AZ.	DNFT ANG.	DRFT AZ.	AZ. NO. 1	DIA 15	DIA 24	DISPLACEMENTS			
									H12	H13	H24	
1311.5	1312.5	0	41.7	249	1.5	51	220	6.3	6.3	-2.65	-3.25	-1.86
1317.5	1318.5	0	29.3	279	1.5	50	193	6.3	6.3	.03	-1.35	-3.10
1345.5	1346.5	A	29.9	294	1.7	73	50	6.3	6.3	.00	2.40	2.40
1347.5	1348.5	B	28.9	278	1.6	73	51	6.3	6.3	-.20	2.20	2.40
1365.5	1366.5	A	36.1	324	1.4	79	101	6.3	6.3	3.20	3.05	-2.60
1367.5	1368.5	B	36.7	298	1.5	83	135	6.3	6.3	3.15	3.90	-2.60
1387.5	1388.5	C	26.1	266	1.5	71	198	6.3	6.3	1.02	-1.03	-2.71
1389.5	1390.5	E	21.5	285	1.5	77	175	6.3	6.3	1.00	.00	-2.29
1391.5	1392.5	D	18.6	301	1.5	81	148	6.3	6.3	1.62	1.36	-1.54
1403.5	1404.5	A	46.2	269	1.5	74	349	6.3	6.3	-1.75	1.15	6.60
1407.5	1408.5	D	1.6	270	1.5	68	283	6.3	6.3	.00	-.01	.00
1433.5	1434.5	D	20.0	297	1.7	63	350	6.3	6.3	-1.17	-.72	2.60
1439.5	1440.5	B	31.9	301	1.5	66	326	6.3	6.3	-2.75	-2.70	2.58
1441.5	1442.5	C	30.4	282	1.5	74	304	6.3	6.3	-2.80	-2.45	2.58
1445.5	1446.5	D	16.5	222	1.5	72	232	6.3	6.3	-.97	-1.45	.44
1449.5	1450.5	A	28.4	293	1.6	77	173	6.3	6.3	2.17	.58	-3.15
1451.5	1452.5	C	26.3	270	1.6	80	147	6.3	6.3	2.18	.65	-3.10
1455.5	1456.5	D	30.9	230	1.7	87	98	6.3	6.3	2.25	1.70	-3.18
1459.5	1460.5	C	32.7	277	1.7	89	31	6.3	6.3	-.01	2.70	2.65
1461.5	1462.5	B	18.9	293	1.7	79	5	6.3	6.3	-.85	.02	1.95
1465.5	1466.5	A	36.4	297	1.7	65	318	6.3	6.3	-3.50	-3.40	2.80
1467.5	1468.5	B	37.6	276	1.6	69	296	6.3	6.3	-3.20	-3.50	2.95
1499.5	1500.5	A	25.1	273	1.6	66	145	6.3	6.3	1.53	.65	-2.60
1501.5	1502.5	B	25.1	275	1.6	67	142	6.3	6.3	1.60	1.00	-2.55
1511.5	1512.5	D	30.1	266	1.5	74	115	6.3	6.3	2.62	2.25	-2.60
1519.5	1520.5	B	31.2	252	1.6	83	88	6.3	6.3	1.90	2.85	-2.22
1521.5	1522.5	B	26.4	247	1.6	82	74	6.3	6.3	1.55	2.60	-1.60
1529.5	1530.5	B	31.1	270	1.6	84	40	6.3	6.3	1.02	1.0	-1.78
1531.5	1532.5	B	23.8	292	1.6	80	33	6.3	6.3	1.40	1.40	-2.20
1533.5	1534.5	A	47.2	275	1.7	63	376	6.3	6.3	1.80	1.80	-2.60
1541.5	1542.5	B	30.3	277	1.7	83	248	6.3	6.3	1.00	1.00	-1.00
1545.5	1546.5	B	37.8	288	1.7	79	113	6.3	6.3	1.85	1.85	-4.65
1547.5	1548.5	B	38.3	263	1.2	81	158	6.3	6.3	1.89	1.50	-4.75
1573.5	1574.5	D	13.7	267	1.5	73	173	6.3	6.3	.00	-.40	-1.30
1575.5	1576.5	A	3.4	330	1.5	77	160	6.3	6.3	-.02	.30	-.02
1577.5	1578.5	A	24.4	271	1.6	86	148	6.3	6.3	1.10	.55	-2.60
1581.5	1582.5	D	39.1	317	1.7	91	96	6.3	6.3	1.25	4.50	1.60
1583.5	1584.5	C	16.4	291	1.7	91	66	6.3	6.3	.62	1.50	.70
1585.5	1586.5	C	16.7	265	1.7	85	39	6.3	6.3	.40	1.55	.70
1587.5	1588.5	D	1.6	280	1.7	80	30	6.3	6.3	-.02	-.01	-.01
1595.5	1596.5	D	31.5	262	1.6	79	281	6.3	6.3	-2.47	-2.78	2.33
1601.5	1602.5	C	26.6	281	1.6	73	190	6.3	6.3	.01	-.95	-2.77
1603.5	1604.5	D	25.7	280	1.7	79	171	6.3	6.3	.55	-.62	-2.81
1605.5	1606.5	C	16.6	300	1.7	81	147	6.3	6.3	.47	1.20	-1.20
1609.5	1610.5	A	31.9	302	1.7	77	103	6.3	6.3	1.80	3.70	.00
1613.5	1614.5	D	28.1	297	1.6	85	74	6.3	6.3	1.05	3.00	-1.00
1615.5	1616.5	C	29.7	276	1.6	89	49	6.3	6.3	.72	2.98	1.58
1633.5	1634.5	A	24.3	300	1.7	94	100	6.3	6.3	1.35	2.63	.03
1635.5	1636.5	A	24.2	265	1.7	90	59	6.3	6.3	1.33	2.63	.21
1637.5	1638.5	B	29.5	287	1.7	86	29	6.3	6.3	-.38	1.78	2.60
1639.5	1640.5	A	28.3	265	1.7	82	7	6.3	6.3	-.60	1.70	2.70
1647.5	1648.5	B	29.5	271	1.7	86	257	6.3	6.3	-2.45	-3.30	.30
1649.5	1650.5	C	29.4	255	1.6	88	234	6.3	6.3	-1.65	-3.30	-.02
1653.5	1654.5	C	39.2	286	1.8	84	193	6.3	6.3	2.40	-1.35	-4.65
1655.5	1656.5	D	38.5	286	1.8	84	183	6.3	6.3	1.65	-.50	-4.70

CORRELATION INTERVAL	CURR. GRADE	DIP ANG.	DIP AZ.	DRFT ANG.	DRFT AZ.	AZ. NO. 1	DIA 13	DIA 24	DISPLACEMENTS			
									H12	H13	H24	
1657.5	1658.5	D	38.1	266	1.8	65	173	6.3	6.3	1.00	-1.15	-4.15
1654.5	1660.5	D	24.7	285	1.7	65	164	6.3	6.3	1.45	.55	-2.62
1661.5	1662.5	C	25.1	285	1.7	63	161	6.3	6.3	2.17	.75	-2.63
1665.5	1666.5	B	55.1	274	1.7	63	164	6.3	6.3	3.88	.03	-8.58
1667.5	1668.5	D	47.6	276	1.7	64	162	6.3	6.3	3.05	.45	-6.56
1671.5	1672.5	A	44.7	277	1.7	64	161	6.3	6.3	2.45	.70	-5.85
1675.5	1674.5	C	45.4	277	1.7	65	162	6.3	6.3	2.40	.60	-6.00
1677.5	1678.5	C	35.0	304	1.7	67	155	6.3	6.3	3.20	2.80	-3.30
1679.5	1680.5	D	50.7	273	1.6	67	149	6.3	6.3	1.60	.45	-3.40
1681.5	1682.5	D	33.4	287	1.7	66	148	6.3	6.3	1.77	1.45	-3.48
1685.5	1684.5	D	31.1	281	1.7	66	151	6.3	6.3	2.35	1.23	-3.35
1685.5	1686.5	D	29.9	288	1.7	66	154	6.3	6.3	2.29	.95	-3.25
1693.5	1694.5	D	33.8	282	1.9	66	151	6.3	6.3	3.30	1.45	-3.65
1695.5	1696.5	G	26.1	284	1.9	66	152	6.3	6.3	2.10	1.25	-2.85
1697.5	1698.5	C	22.6	291	2.0	65	152	6.3	6.3	1.60	1.25	-2.85
1703.5	1704.5	A	29.7	291	2.1	76	142	6.3	6.3	2.20	2.10	-2.55
1713.5	1714.5	D	22.6	308	2.3	63	21	6.3	6.3	-1.00	.83	2.36
1715.5	1716.5	B	27.2	313	2.3	77	1	6.3	6.3	-2.40	-1.35	2.67
1731.5	1732.5	D	50.8	285	2.4	70	181	6.3	6.3	1.65	7.35	3.55
1735.5	1736.5	C	30.7	299	2.5	80	187	6.3	6.3	2.45	2.30	-2.50
1737.5	1738.5	B	27.8	280	2.5	84	183	6.3	6.3	2.35	2.15	-2.05
1741.5	1742.5	D	23.4	283	2.6	78	83	6.3	6.3	.90	2.30	.65
1757.5	1758.5	A	9.0	29	2.5	81	42	6.3	6.3	-2.35	-1.05	.38
1759.5	1760.5	C	9.7	15	2.5	81	22	6.3	6.3	.20	-1.10	.25
1763.5	1764.5	D	14.6	48	2.5	74	347	6.3	6.3	.45	-1.25	-1.35
1765.5	1766.5	A	10.2	65	2.5	74	318	6.3	6.3	1.12	.05	-1.37
1767.5	1768.5	B	10.7	35	2.5	73	286	6.3	6.3	1.05	.20	-1.33
1769.5	1770.5	D	10.9	348	2.5	73	286	6.3	6.3	1.05	.20	-1.33
1777.5	1778.5	D	10.9	348	2.5	73	286	6.3	6.3	1.05	.20	-1.33
1779.5	1780.5	A	13.5	40	2.2	74	177	6.3	6.3	.05	1.45	.85
1781.5	1782.5	B	14.6	181	2.3	78	153	6.3	6.3	.45	1.15	.65
1783.5	1784.5	B	19.8	239	2.5	80	141	6.3	6.3	.01	12.50	11.45
1793.5	1794.5	A	37.8	239	2.5	78	2	6.3	6.3	.25	3.75	2.60
1801.5	1802.5	D	55.1	237	2.5	61	284	6.3	6.3	-6.35	-3.10	7.70
1811.5	1812.5	D	54.6	218	2.6	58	204	6.3	6.3	-4.45	-8.20	1.10
1813.5	1814.5	A	26.7	296	2.6	61	198	6.3	6.3	1.45	.45	-2.65
1815.5	1816.5	C	26.0	284	2.5	65	186	6.3	6.3	1.45	-2.52	-2.70
1841.5	1842.5	D	23.9	230	2.5	74	347	6.3	6.3	.05	2.00	1.60
1843.5	1844.5	D	20.5	195	2.5	64	307	6.3	6.3	.20	1.70	1.50
1847.5	1848.5	A	8.5	139	2.5	54	284	6.3	6.3	.35	1.00	.42
1849.5	1850.5	A	8.5	173	2.5	60	247	6.3	6.3	.04	.35	.90
1851.5	1852.5	D	15.6	174	2.5	61	229	6.3	6.3	.45	.35	1.70
1853.5	1854.5	D	19.2	147	2.5	61	209	6.3	6.3	-1.64	-1.62	1.30
1855.5	1856.5	A	20.3	231	2.5	65	192	6.3	6.3	.01	-2.01	-2.50
1857.5	1858.5	C	19.6	243	2.6	70	172	6.3	6.3	.53	-1.35	-1.43
1859.5	1860.5	C	12.9	220	2.6	71	184	6.3	6.3	.20	-1.68	-2.42
1861.5	1862.5	D	40.5	238	2.6	68	121	6.3	6.3	2.60	.50	-4.45
1883.5	1884.5	D	61.2	277	2.7	71	17	6.3	6.3	-1.65	5.05	6.95
1885.5	1886.5	C	56.6	256	2.7	70	357	6.3	6.3	-1.40	4.90	7.46
1925.5	1926.5	D	43.0	277	2.8	60	97	6.3	6.3	3.58	5.05	-1.75
1937.5	1938.5	D	24.4	243	3.1	53	4	6.3	6.3	-1.02	1.45	1.50
1939.5	1940.5	D	27.2	247	3.2	51	22	6.3	6.3	.02	2.57	1.13
1941.5	1942.5	C	29.0	247	3.2	50	24	6.3	6.3	.65	2.60	1.21
1947.5	1948.5	A	29.8	276	3.1	47	20	6.3	6.3	-2.55	1.43	2.55
1949.5	1950.5	B	29.8	272	3.1	47	22	6.3	6.3	-2.53	1.45	2.55

CORRELATION INTERVAL	CORR. GRADE	DIP ANG.	DIP AZ.	DRIFT ANG.	DRIFT AZ.	AZ. NO. 1	DIA 13	DIA 24	DISPLACEMENTS			
									H12	H13	H24	
1951.5	1952.5	0	50.9	269	3.1	48	20	6.3	6.3	-1.45	2.10	2.60
1953.5	1954.5	C	37.1	257	3.2	48	7	6.3	6.3	-1.02	2.75	3.25
1955.5	1956.5	B	38.8	238	3.2	44	347	6.3	6.3	.22	2.85	3.50
1961.5	1962.5	0	24.7	254	3.3	36	308	6.3	6.3	-1.60	-1.85	2.55
1967.5	1968.5	A	29.7	263	3.4	33	283	6.3	6.3	-2.65	-2.55	1.90
1969.5	1970.5	C	30.6	252	3.4	36	267	6.3	6.3	-2.75	-2.75	1.75
1971.5	1972.5	0	33.4	227	3.5	36	240	6.3	6.3	-3.10	-3.00	2.05
1973.5	1974.5	0	6.1	249	3.5	33	216	6.3	6.3	.00	-1.01	-1.82
1975.5	1976.5	0	14.6	254	3.6	29	202	6.3	6.3	-1.31	-1.98	-1.82
1979.5	1980.5	A	42.6	242	3.6	27	199	6.3	6.3	-2.18	-4.64	-2.15
1981.5	1982.5	0	44.3	245	3.7	27	197	6.3	6.3	-2.00	-4.75	-2.65
1989.5	1990.5	B	39.3	263	3.8	37	164	6.3	6.3	2.25	-1.65	+4.52
1991.5	1992.5	C	39.4	244	3.8	37	142	6.3	6.3	2.35	-1.58	-4.46
1995.5	1996.5	0	44.1	199	3.8	37	117	6.3	6.3	1.10	-2.70	-4.60
1997.5	1998.5	C	45.5	191	3.8	37	108	6.3	6.3	1.15	-2.90	-5.10
2007.5	2008.5	0	32.6	272	3.9	38	87	6.3	6.3	1.60	3.49	-1.68
2011.5	2012.5	C	37.1	232	4.0	37	77	6.3	6.3	2.45	2.87	-2.93
2013.5	2014.5	B	39.9	228	4.0	36	76	6.3	6.3	2.85	2.95	-3.47
2027.5	2028.5	0	35.2	217	4.3	31	15	6.3	6.3	1.45	3.80	.00
2029.5	2030.5	C	32.2	224	4.3	29	15	6.3	6.3	1.72	3.30	.45
2031.5	2032.5	A	42.7	242	4.3	27	13	6.3	6.3	1.45	4.35	2.30
2033.5	2034.5	B	41.1	228	4.4	25	4	6.3	6.3	1.65	4.30	1.90
2035.5	2036.5	0	20.6	232	4.4	24	354	6.3	6.3	1.03	1.40	1.20
2037.5	2038.5	C	29.1	245	4.4	21	338	6.3	6.3	-1.68	.95	2.80
2039.5	2040.5	C	37.5	229	4.5	18	320	6.3	6.3	-1.55	1.45	3.85
2043.5	2044.5	0	40.6	186	4.6	16	298	6.3	6.3	.01	2.70	3.67
2045.5	2046.5	0	28.0	169	4.6	9	284	6.3	6.3	.58	2.25	1.81
2051.5	2052.5	0	29.9	198	4.6	12	265	6.3	6.3	1.65	2.68	3.60
2065.5	2066.5	0	32.0	179	4.6	6	212	6.3	6.3	-1.60	1.85	2.61
2073.5	2074.5	A	33.3	237	4.8	10	204	6.3	6.3	1.30	4.35	1.62
2093.5	2094.5	0	22.7	189	4.8	10	103	6.3	6.3	1.60	1.60	-1.22
2114.5	2115.5	0	48.2	191	5.2	13	18	6.3	6.3	.00	-1.02	-3.95
2121.5	2122.5	0	48.4	192	5.8	14	17	6.3	6.3	3.90	5.25	-2.78
2137.5	2138.5	B	32.0	227	5.9	5	242	6.3	6.3	-1.18	-1.55	3.10
2141.5	2142.5	A	38.5	203	6.0	5	273	6.3	6.3	-1.70	-1.15	4.62
2143.5	2144.5	B	37.2	203	6.0	5	266	6.3	6.3	-1.75	-1.45	3.80
2145.5	2146.5	0	31.4	224	6.0	4	260	6.3	6.3	-2.30	-1.90	2.40
2149.5	2150.5	0	33.7	219	6.0	4	253	6.3	6.3	-2.60	-2.10	2.60
2161.5	2162.5	A	39.2	239	6.0	4	240	6.3	6.3	-2.13	-4.15	1.20
2153.5	2154.5	A	38.9	226	6.0	4	223	6.3	6.3	-2.12	-4.62	1.63
2155.5	2156.5	C	38.1	216	6.0	4	212	6.3	6.3	-2.15	-3.85	.98
2167.5	2168.5	D	63.7	315	6.1	8	161	6.3	6.3	10.00	6.25	-12.42
2164.5	2170.5	B	32.8	209	6.1	9	157	6.3	6.3	.00	-2.70	-1.65
2171.5	2172.5	A	42.6	214	6.1	11	141	6.3	6.3	.40	-2.40	-4.60
2173.5	2174.5	A	36.9	229	6.1	13	135	6.3	6.3	1.10	-1.85	-3.70
2175.5	2176.5	C	34.2	228	6.1	13	129	6.3	6.3	1.30	-1.50	-3.35
2174.5	2180.5	C	31.7	222	6.2	15	113	6.3	6.3	1.32	.03	-3.62
2185.5	2186.5	C	32.0	219	6.2	15	109	6.3	6.3	1.35	.03	-3.65
2201.5	2202.5	D	47.3	204	6.3	11	110	6.3	6.3	2.20	-1.60	-5.25
2213.5	2214.5	C	28.3	247	6.3	12	93	6.3	6.3	1.42	2.15	-1.63
2227.5	2228.5	D	56.6	17	6.6	12	94	6.3	6.3	-9.40	2.35	20.50
2243.5	2244.5	0	57.4	67	6.8	14	67	6.3	6.3	-9.30	-11.50	4.80
2259.5	2260.5	A	4.2	201	6.8	5	324	6.3	6.3	-1.82	-1.14	-1.22
2261.5	2262.5	0	5.0	229	6.8	6	319	6.3	6.3	-1.55	-1.32	-1.03
2263.5	2264.5	0	5.3	225	6.7	8	319	6.3	6.3	-1.85	-1.25	-1.02

CORRELATION INTERVAL	CORR. GRADE	DIP ANG.	DIP AZ.	DRIFT ANG.	DRIFT AZ.	AZ. NO. 1	DIA 15	DIA 24	DISPLACEMENTS			
									H12	H13	H24	
2275.5	2276.5	A	20.4	273	6.5	5	290	6.3	6.3	-1.61	-2.62	-1.77
2277.5	2278.5	B	19.6	263	6.4	6	230	6.3	6.3	-1.45	-1.65	-1.00
2279.5	2280.5	C	15.1	243	6.4	5	210	6.3	6.3	-1.02	-1.40	-1.65
2283.5	2284.5	D	24.1	238	6.4	5	197	6.3	6.3	1.00	-1.40	-1.45
2309.5	2310.5	A	46.7	224	6.6	11	87	6.3	6.3	2.80	2.55	-4.70
2315.5	2316.5	C	57.1	39	6.6	10	46	6.3	6.3	-7.00	-12.20	1.60
2325.5	2326.5	C	15.6	283	6.6	10	5	6.3	6.3	-1.92	-1.35	1.65
2329.5	2330.5	D	49.2	265	6.6	10	12	6.3	6.3	-1.15	3.42	3.45
2331.5	2332.5	A	26.4	293	6.6	8	12	6.3	6.3	-1.70	-1.16	3.42
2333.5	2334.5	D	27.0	276	6.5	21	356	6.3	6.3	-1.65	-1.22	2.60
2335.5	2336.5	A	37.4	268	6.5	22	339	6.3	6.3	-1.45	-1.40	4.10
2337.5	2338.5	B	37.5	260	6.5	17	328	6.3	6.3	-2.10	-1.65	4.65
2343.5	2344.5	C	26.0	273	6.3	4	292	6.3	6.3	-2.20	-2.60	1.40
2349.5	2350.5	C	36.2	270	6.3	3	285	6.3	6.3	-3.70	-3.60	1.45
2351.5	2352.5	C	36.1	263	6.3	4	288	6.3	6.3	-3.30	-3.25	2.52
2353.5	2354.5	D	66.5	33	6.2	4	293	6.3	6.3	6.70	-3.95	-19.40
2355.5	2356.5	C	9.9	273	6.2	3	292	6.3	6.3	-1.55	-1.10	1.01
2371.5	2372.5	C	22.6	272	6.0	3	197	6.3	6.3	1.72	-1.65	-2.26
2373.5	2374.5	D	21.3	299	6.0	6	185	6.3	6.3	1.00	-1.16	-1.65
2387.5	2388.5	D	30.1	249	5.8	6	186	6.3	6.3	1.70	-2.20	-2.09
2393.5	2394.5	D	17.9	262	5.8	6	188	6.3	6.3	1.50	-1.55	-1.65
2403.5	2404.5	D	26.0	296	5.7	5	192	6.3	6.3	2.10	1.30	-3.62
2405.5	2406.5	D	28.1	308	5.6	5	199	6.3	6.3	2.10	1.15	-3.01
2409.5	2410.5	C	15.2	270	5.6	6	188	6.3	6.3	1.45	-1.05	-1.60
2433.5	2434.5	D	17.0	266	5.2	4	177	6.3	6.3	1.10	1.55	-1.65
2435.5	2436.5	C	19.9	262	5.1	4	178	6.3	6.3	1.10	1.55	-2.15
2453.5	2454.5	D	16.1	302	5.1	5	161	6.3	6.3	1.35	1.45	-1.35
2455.5	2456.5	D	13.2	267	5.1	5	169	6.3	6.3	1.00	1.20	-1.60
2457.5	2458.5	D	13.2	266	5.1	5	169	6.3	6.3	1.00	1.20	-1.60
2459.5	2460.5	D	13.4	247	5.0	5	144	6.3	6.3	1.00	1.00	-1.35
2465.5	2466.5	D	19.0	247	5.0	5	144	6.3	6.3	1.00	1.00	-1.35
2473.5	2474.5	D	18.7	279	4.8	5	121	6.3	6.3	1.00	1.00	-1.45
2475.5	2476.5	D	27.7	294	4.7	7	119	6.3	6.3	1.30	3.20	-1.60
2493.5	2494.5	D	43.6	261	4.9	12	57	6.3	6.3	3.00	2.68	-4.30
2497.5	2498.5	D	8.3	307	5.0	15	48	6.3	6.3	1.45	1.02	1.10
2501.5	2502.5	B	69.0	197	5.1	12	29	6.3	6.3	4.00	11.20	-7.20
2503.5	2504.5	D	68.7	190	5.1	13	25	6.3	6.3	6.50	10.40	-7.70
2505.5	2506.5	D	21.9	233	5.1	11	20	6.3	6.3	1.50	1.85	1.65
2511.5	2512.5	D	15.1	290	5.0	12	9	6.3	6.3	-1.60	-1.30	1.65
2515.5	2516.5	D	27.6	350	5.0	11	12	6.3	6.3	-2.55	-3.10	2.32
2523.5	2524.5	D	25.4	338	5.1	9	16	6.3	6.3	-2.65	-2.10	2.75
2527.5	2528.5	D	23.2	358	5.0	6	3	6.3	6.3	-1.15	-3.10	1.15
2535.5	2536.5	D	27.2	186	4.9	5	3	6.3	6.3	2.50	2.45	-1.45
2554.5	2556.5	D	14.7	317	5.0	5	2	6.3	6.3	-1.40	-1.65	1.50
2561.5	2562.5	C	15.2	250	5.0	5	354	6.3	6.3	-1.40	1.40	1.50
2569.5	2570.5	D	69.6	212	5.1	4	322	6.3	6.3	-1.20	6.45	10.25
2584.5	2590.5	D	46.5	146	5.2	355	253	6.3	6.3	1.15	4.30	3.90
2591.5	2592.5	C	14.2	211	5.2	357	260	6.3	6.3	1.30	-1.30	1.40
2611.5	2612.5	D	69.6	109	5.1	357	274	6.3	6.3	9.70	16.60	-2.10
2621.5	2622.5	C	25.0	311	5.2	357	261	6.3	6.3	-1.20	-2.55	-2.05
2623.5	2624.5	C	22.0	296	5.2	359	254	6.3	6.3	-1.40	-2.20	-1.60
2627.5	2628.5	A	20.5	314	5.2	355	245	6.3	6.3	1.15	-1.30	-2.35
2629.5	2630.5	C	19.6	313	5.2	356	252	6.3	6.3	1.45	-1.60	-2.05
2631.5	2632.5	D	50.5	141	5.2	357	255	6.3	6.3	1.05	3.20	4.61
2633.5	2634.5	C	26.4	353	5.2	357	258	6.3	6.3	2.15	-1.75	-3.75



CORRELATION INTERVAL	CORR. GRADE	DIP ANG.	DIP AZ.	DRIFT ANG.	DRIFT AZ.	NO. 1	DIA 13	DIA 24	DISPLACEMENTS			
									H12	H13	H24	
2635.5	2636.5	0	28.4	355	5.2	357	261	6.3	6.3	2.10	-2.65	-3.60
2637.5	2638.5	0	29.2	329	5.1	354	258	6.3	6.3	.43	-2.20	-3.40
2661.5	2662.5	0	6.0	319	4.9	3	188	6.3	6.3	.92	.76	-2.65
2663.5	2664.5	8	9.3	288	4.9	3	176	6.3	6.3	.75	.57	-2.45
2665.5	2666.5	0	10.0	269	4.9	3	167	6.3	6.3	.42	.35	-2.45
2667.5	2668.5	0	19.2	264	4.6	3	160	6.3	6.3	.76	.25	-1.45
2669.5	2670.5	0	20.3	260	4.8	4	154	6.3	6.3	.70	.30	-2.05
2669.5	2690.5	0	16.6	306	4.7	4	140	6.3	6.3	1.72	1.45	-2.68
2695.5	2696.5	A	26.4	266	4.7	4	145	6.3	6.3	2.40	2.60	-2.35
2697.5	2698.5	B	29.5	278	4.7	4	143	6.3	6.3	2.90	1.90	-2.65
2721.5	2722.5	0	37.9	219	4.4	6	110	6.3	6.3	1.37	.00	-4.18
2737.5	2738.5	B	20.9	317	4.1	9	96	6.3	6.3	.45	2.25	1.32
2739.5	2740.5	A	15.6	279	4.1	8	92	6.3	6.3	.48	1.65	.63
2741.5	2742.5	C	10.1	271	4.1	6	94	6.3	6.3	.02	1.00	.02
2755.5	2756.5	0	49.6	243	4.2	10	79	6.3	6.3	4.36	3.45	-3.67
2773.5	2774.5	0	42.4	292	4.1	10	46	6.3	6.3	.30	3.67	4.45
2775.5	2776.5	B	12.9	337	4.1	12	43	6.3	6.3	-1.48	-2.50	1.70
2777.5	2778.5	A	16.3	336	4.2	12	43	6.3	6.3	-1.45	-2.55	2.10
2791.5	2792.5	0	4.3	288	4.2	6	32	6.3	6.3	.63	.02	.01
2793.5	2794.5	B	6.8	195	4.2	6	34	6.3	6.3	1.25	.35	-2.40
2811.5	2812.5	0	58.9	139	4.1	11	37	6.3	6.3	5.20	1.65	-4.55

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