

PC-XPLOR VERSION 1.22    \*\*\*                      Faro Blasthole Database                      \*\*\*                      CURRAGH RESOURCES  
Exploration Data Manager    \*\*\*                      \*\*\*                      18:50:47    Serial no: 20320  
By GENCOM SERVICES INC.                                           12/ 3/90    Page :                      1

TITLE                      : South Phase 3550 Bench  
DESCRIPTION                : Semi-variogram 1 (NE-SW                      )  
FILENAME                   : d:\faroblas\faroblas.mex  
DESCRIPTION                : South Phase 3550 Bench  
VALUE USED                : REAL VALUE  
TRANSFORMATION            : REAL VALUE  
NORMALIZATION            : NONE

## FILTERING SPECIFICATION

AZINUTH                    :        45.000  
DIP ANGLE                 :            .000  
SPREAD ANGLE              :        22.500  
TOP ELEVATION             :    3560.000  
BOTTOM ELEVATION:        3540.000

1ST CLASS VALUE:        .000  
CLASS INTERVALS:       15.000 [feet    ]  
UPPER CUT-OFF    :       30.000  
LOWER CUT-OFF    :        .500

## SUMMARY STATISTICS

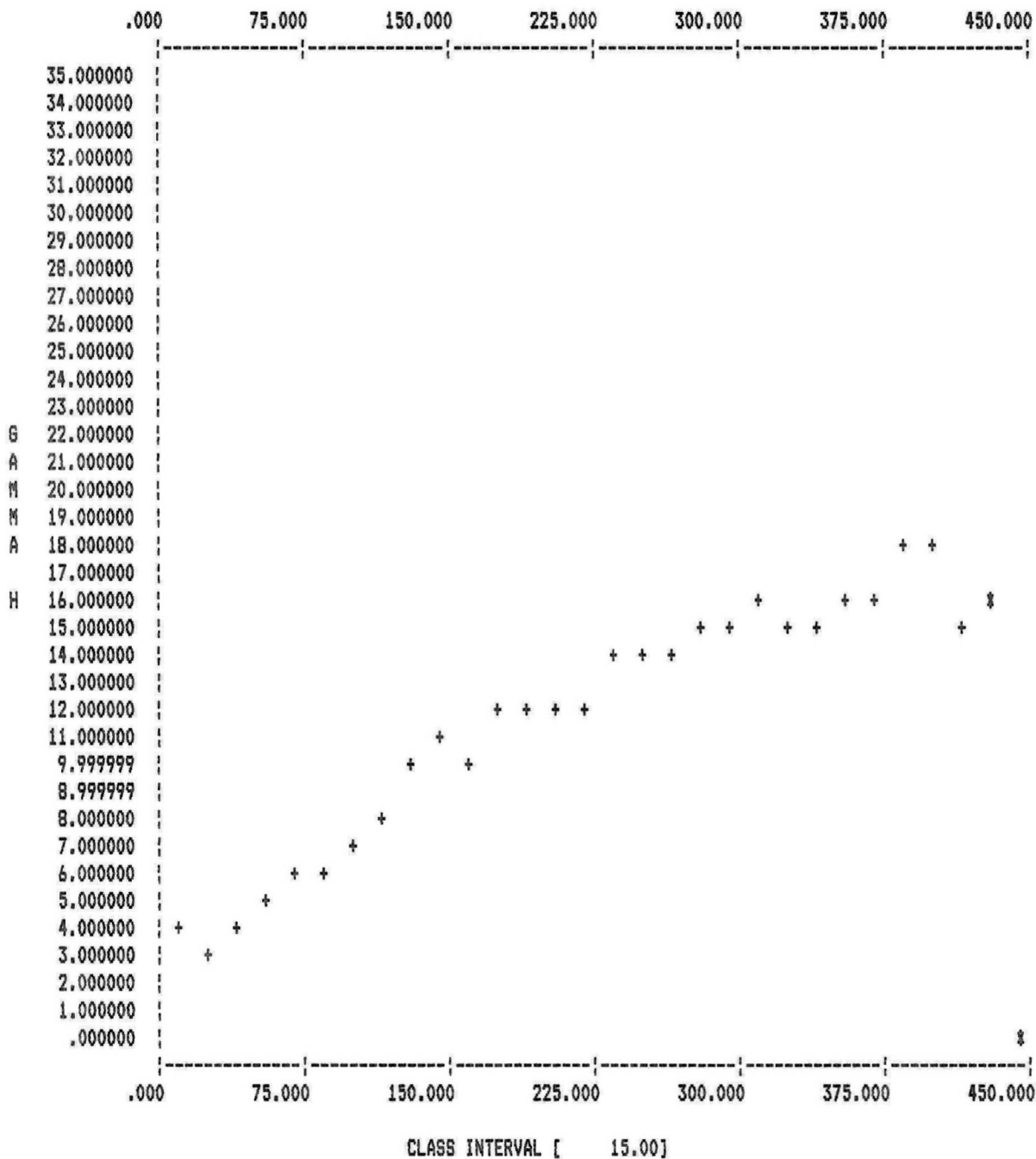
TOTAL NUMBER OF SAMPLES USED        :        332  
POPULATION MEAN                      :        5.713  
STANDARD DEVIATION                    :        3.322  
VARIANCE                                :       11.037

MAXIMUM NUMBER OF PAIRS AVAILABLE:    54946  
TOTAL NUMBER OF SAMPLE PAIRS USED:    9865  
AVERAGE DISTANCE APART                :    189.274

TITLE : South Phase 3550 Bench  
 DESCRIPTION : Semi-variogram 1 (NE-SW )  
 FILENAME : d:\faroblas\faroblas.mex  
 DESCRIPTION : South Phase 3550 Bench

CLASS INTERVAL		SAMPLE PAIRS	DRIFT	GAMMA(H)	AVERAGE	
FROM	TO				LOCAL MEAN	DISTANCE
.00	15.00	18	.893889	3.775297	6.989167	12.46
15.00	30.00	141	.003404	3.374649	5.748794	23.47
30.00	45.00	241	-.397344	4.305522	5.946349	39.01
45.00	60.00	265	-.295849	4.769044	6.185849	52.77
60.00	75.00	399	-.630852	5.591767	6.041792	66.18
75.00	90.00	480	-.691563	6.454615	5.974552	83.01
90.00	105.00	459	-.788911	7.067144	6.027004	98.29
105.00	120.00	496	-1.150806	8.106396	6.151129	112.26
120.00	135.00	583	-1.167461	9.752370	6.049751	127.54
135.00	150.00	561	-1.647736	10.745498	5.833601	142.97
150.00	165.00	560	-1.680786	9.698386	6.017089	157.37
165.00	180.00	562	-2.198416	11.737130	6.152980	172.12
180.00	195.00	563	-2.170693	11.974440	6.002664	187.76
195.00	210.00	489	-2.126380	11.805289	6.247096	202.71
210.00	225.00	498	-2.539177	11.994235	6.294187	216.96
225.00	240.00	517	-2.724874	14.128777	6.336576	232.51
240.00	255.00	480	-2.830021	13.572566	6.215115	247.81
255.00	270.00	469	-2.809936	13.509839	6.148337	262.53
270.00	285.00	434	-3.143249	15.231546	6.087546	277.36
285.00	300.00	382	-3.552016	15.324867	5.973809	292.32
300.00	315.00	337	-3.179139	15.718740	6.025979	307.04
315.00	330.00	284	-3.261514	15.069225	5.799525	322.33
330.00	345.00	210	-4.034286	15.195919	5.555571	337.27
345.00	360.00	176	-4.457557	16.391998	5.206051	351.97
360.00	375.00	120	-4.703000	15.830877	4.952667	366.84
375.00	390.00	87	-5.173333	18.183076	4.708621	381.12
390.00	405.00	39	-5.146154	18.273754	4.572564	396.18
405.00	420.00	12	-4.720000	15.035983	4.480833	409.73
420.00	435.00	3	-4.806667	16.267767	4.933333	427.47
435.00	450.00	0	.000000	.000000	.000000	.00

TITLE : South Phase 3550 Bench  
 DESCRIPTION : Semi-variogram 1 (NE-SW )  
 FILENAME : d:\faroblas\faroblas.mex  
 DESCRIPTION : South Phase 3550 Bench



+ INDICATES EXPERIMENTAL SEMI-VARIOGRAM  
 # INDICATES LESS THAN THRESHOLD PAIRS IN CLASS  
 x INDICATES SEMI-VARIOGRAM MODEL

TITLE            : South Phase 3550 Bench  
DESCRIPTION     : Semi-variogram 2 (E-W                      )  
FILENAME        : d:\faroblas\faroblas.mex  
DESCRIPTION     : South Phase 3550 Bench  
VALUE USED      : REAL VALUE  
TRANSFORMATION : REAL VALUE  
NORMALIZATION  : NONE

FILTERING SPECIFICATION

AZIMUTH         :        90.000  
DIP ANGLE       :        .000  
SPREAD ANGLE    :        22.500  
TOP ELEVATION   :        3560.000  
BOTTOM ELEVATION:        3540.000

1ST CLASS VALUE:        .000  
CLASS INTERVALS:        15.000 [feet    ]  
UPPER CUT-OFF    :        30.000  
LOWER CUT-OFF    :        .500

SUMMARY STATISTICS

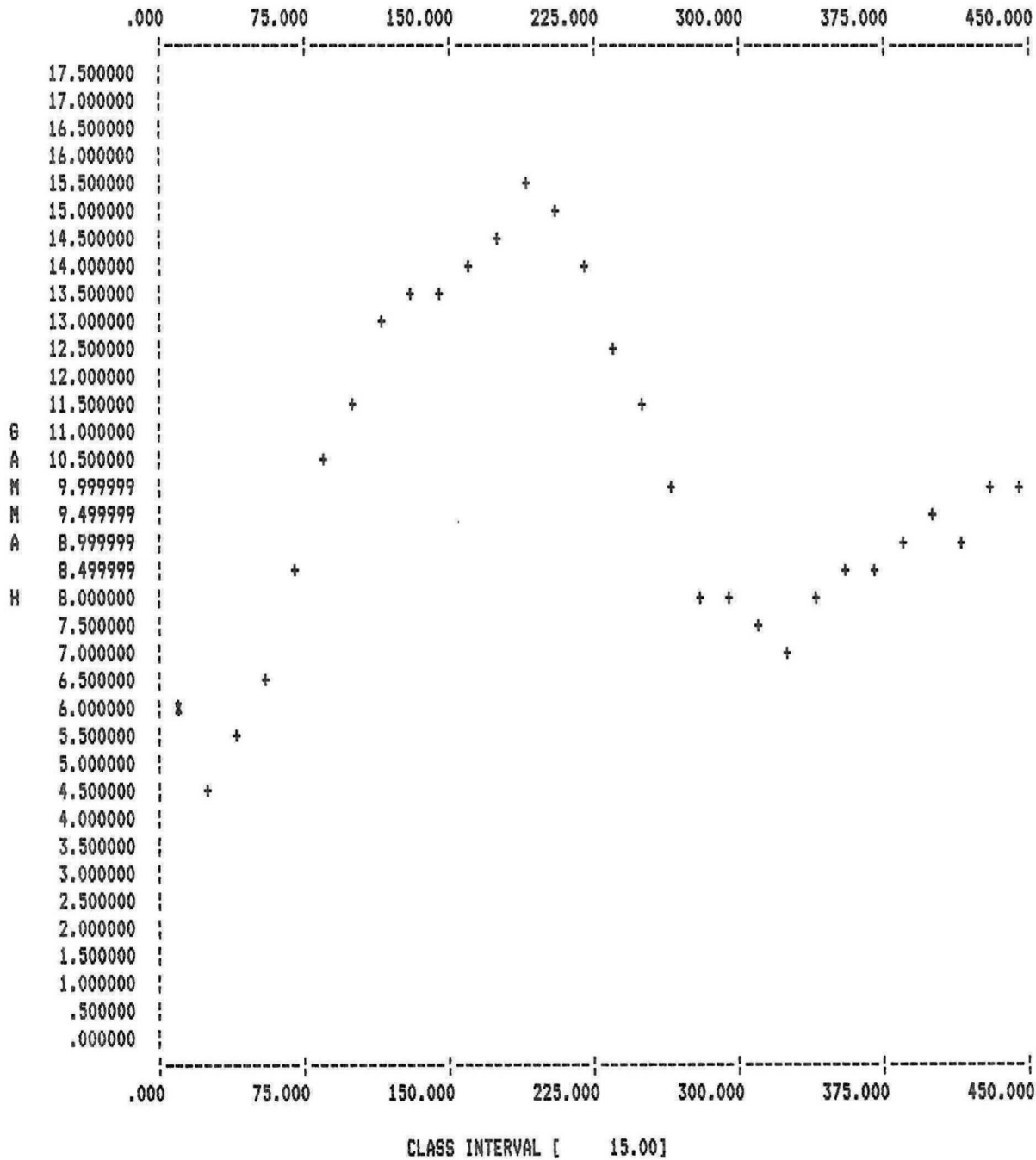
TOTAL NUMBER OF SAMPLES USED     :        331  
POPULATION MEAN                    :        5.704  
STANDARD DEVIATION                 :        3.324  
VARIANCE                            :        11.047

MAXIMUM NUMBER OF PAIRS AVAILABLE:        54615  
TOTAL NUMBER OF SAMPLE PAIRS USED:        13771  
AVERAGE DISTANCE APART            :        228.811

TITLE : South Phase 3550 Bench  
 DESCRIPTION : Semi-variogram 2 (E-W )  
 FILENAME : d:\faroblas\faroblas.mex  
 DESCRIPTION : South Phase 3550 Bench

CLASS INTERVAL	SAMPLE	AVERAGE				
FROM	TO	PAIRS	DRIFT	GAMMA(H)	LOCAL MEAN DISTANCE	
.00	15.00	7	1.564286	5.985807	5.799286	11.99
15.00	30.00	245	-.448490	4.477854	5.993061	23.03
30.00	45.00	249	-.498956	5.585450	5.992771	39.46
45.00	60.00	301	-.756179	6.615755	5.994103	51.78
60.00	75.00	383	-.991123	8.569798	5.991775	67.50
75.00	90.00	467	-1.205054	10.277263	5.979743	82.78
90.00	105.00	467	-1.188801	11.606396	5.914615	97.56
105.00	120.00	566	-1.355636	12.762109	5.827553	112.28
120.00	135.00	597	-.897605	13.408002	5.480008	127.90
135.00	150.00	567	-.939647	13.446806	5.446367	142.81
150.00	165.00	567	-.719824	14.110481	5.411376	157.07
165.00	180.00	668	-.272904	14.629016	5.211452	171.93
180.00	195.00	615	.274764	15.381120	5.162390	187.84
195.00	210.00	572	.296171	14.910576	5.166547	202.67
210.00	225.00	575	.661043	14.070156	5.049426	216.70
225.00	240.00	597	1.438844	12.458746	5.048183	232.15
240.00	255.00	574	1.339146	11.451874	5.010497	248.18
255.00	270.00	544	1.154614	10.208835	4.815009	262.47
270.00	285.00	572	1.527185	8.166785	4.855463	277.18
285.00	300.00	588	1.594966	8.169587	4.801122	292.81
300.00	315.00	539	1.204137	7.454286	4.808024	307.78
315.00	330.00	514	1.181265	7.083573	4.654329	322.28
330.00	345.00	530	.863925	8.111033	4.764057	337.19
345.00	360.00	477	.271488	8.567242	4.574738	352.96
360.00	375.00	401	.074439	8.484120	4.537494	367.46
375.00	390.00	418	-.516244	8.945300	4.671065	382.06
390.00	405.00	358	-1.120559	9.705059	4.447570	397.66
405.00	420.00	308	-1.512825	8.926402	4.330406	412.79
420.00	435.00	271	-1.920959	9.766610	4.326199	427.08
435.00	450.00	234	-2.010641	10.180419	4.131816	442.05

TITLE : South Phase 3550 Bench  
 DESCRIPTION : Semi-variogram 2 (E-W )  
 FILENAME : d:\faroblas\faroblas.mex  
 DESCRIPTION : South Phase 3550 Bench



+ INDICATES EXPERIMENTAL SEMI-VARIOGRAM  
 \* INDICATES LESS THAN THRESHOLD PAIRS IN CLASS  
 x INDICATES SEMI-VARIOGRAM MODEL

PC-XPLOR VERSION 1.22 \*\*\*  
Exploration Data Manager \*\*\*  
By GEMCOM SERVICES INC.

Faro Blasthole Database

\*\*\* CURRAGH RESOURCES  
\*\*\* 18:51:58 Serial no: 20320  
12/ 3/90 Page : 7

TITLE : South Phase 3550 Bench  
DESCRIPTION : Semi-variogram 3 (SE-NW )  
FILENAME : d:\faroblas\faroblas.mex  
DESCRIPTION : South Phase 3550 Bench  
VALUE USED : REAL VALUE  
TRANSFORMATION : REAL VALUE  
NORMALIZATION : NONE

FILTERING SPECIFICATION

AZINUTH : 135.000  
DIP ANGLE : .000  
SPREAD ANGLE : 22.500  
TOP ELEVATION : 3560.000  
BOTTOM ELEVATION: 3540.000

1ST CLASS VALUE: .000  
CLASS INTERVALS: 15.000 [feet ]  
UPPER CUT-OFF : 30.000  
LOWER CUT-OFF : .500

SUMMARY STATISTICS

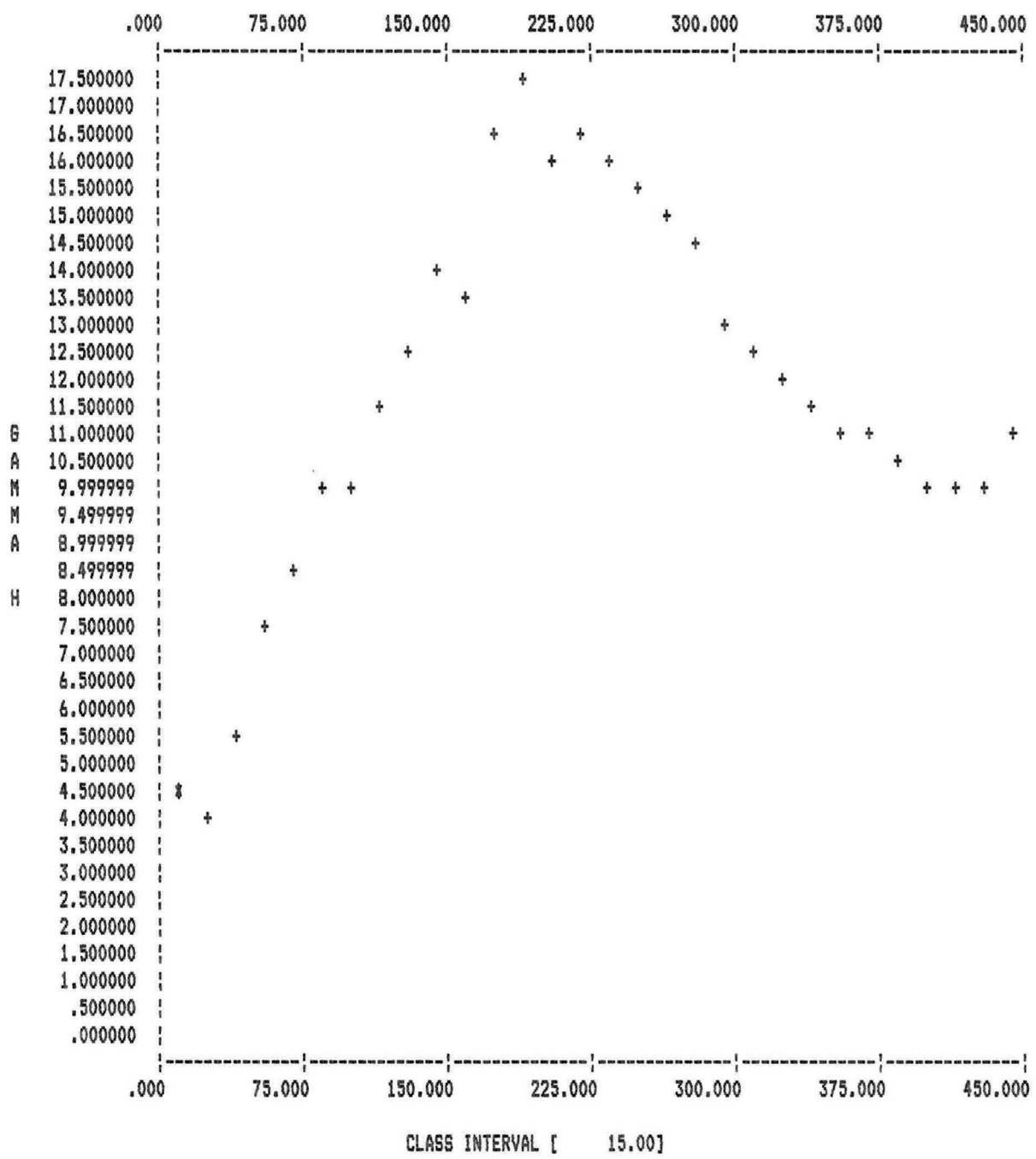
TOTAL NUMBER OF SAMPLES USED : 332  
POPULATION MEAN : 5.713  
STANDARD DEVIATION : 3.322  
VARIANCE : 11.037

MAXIMUM NUMBER OF PAIRS AVAILABLE: 54946  
TOTAL NUMBER OF SAMPLE PAIRS USED: 17356  
AVERAGE DISTANCE APART : 247.099

TITLE : South Phase 3550 Bench  
 DESCRIPTION : Semi-variogram 3 (SE-NW )  
 FILENAME : d:\faroblas\faroblas.mex  
 DESCRIPTION : South Phase 3550 Bench

CLASS INTERVAL		SAMPLE PAIRS	DRIFT	GAMMA(H)	AVERAGE	
FROM	TO				LOCAL MEAN	DISTANCE
.00	15.00	6	-1.161667	4.687925	4.964167	12.30
15.00	30.00	263	-.242548	4.092425	5.955989	22.89
30.00	45.00	229	-.167205	5.576872	6.027489	39.81
45.00	60.00	315	-.727556	7.288820	6.078286	52.31
60.00	75.00	424	-.693703	8.686932	5.841568	67.35
75.00	90.00	478	-.794331	9.927240	5.964341	83.10
90.00	105.00	499	-1.107114	9.827802	6.009248	97.50
105.00	120.00	612	-.667500	11.277995	5.830417	112.15
120.00	135.00	618	-.545793	12.321494	5.811650	127.88
135.00	150.00	649	-.379923	13.773016	5.772874	142.78
150.00	165.00	654	-.225245	13.672636	5.918662	157.21
165.00	180.00	705	.207404	16.388194	5.716028	172.29
180.00	195.00	723	.551245	17.486701	5.664599	187.84
195.00	210.00	669	1.037504	16.132332	5.523640	202.55
210.00	225.00	685	1.801270	16.643073	5.390912	216.89
225.00	240.00	724	2.247459	16.003462	5.302003	232.20
240.00	255.00	713	2.854025	15.580882	5.407854	247.73
255.00	270.00	669	3.135277	14.841893	5.484425	262.64
270.00	285.00	713	3.699916	14.638838	5.623072	277.33
285.00	300.00	707	3.629052	12.979248	5.698133	292.68
300.00	315.00	703	3.393229	12.436391	5.831280	307.77
315.00	330.00	702	3.397393	11.797373	5.916261	322.25
330.00	345.00	706	3.095765	11.518976	5.866438	337.44
345.00	360.00	705	2.874028	11.179356	5.872830	352.62
360.00	375.00	660	2.623773	10.792821	5.767947	367.35
375.00	390.00	646	2.269954	10.415543	5.859172	382.30
390.00	405.00	633	1.776619	9.858880	5.761611	397.54
405.00	420.00	539	1.700761	9.921100	5.793293	412.54
420.00	435.00	519	1.202698	10.223370	5.890674	427.21
435.00	450.00	488	.558934	10.778099	5.854037	442.34

TITLE : South Phase 3550 Bench  
 DESCRIPTION : Semi-variogram 3 (SE-NW )  
 FILENAME : d:\faroblas\faroblas.mex  
 DESCRIPTION : South Phase 3550 Bench



+ INDICATES EXPERIMENTAL SEMI-VARIOGRAM  
 H INDICATES LESS THAN THRESHOLD PAIRS IN CLASS  
 x INDICATES SEMI-VARIOGRAM MODEL

TITLE            : South Phase 3550 Bench  
DESCRIPTION     : Semi-variogram 4 (N-S                      )  
FILENAME        : d:\faroblas\faroblas.mex  
DESCRIPTION     : South Phase 3550 Bench  
VALUE USED      : REAL VALUE  
TRANSFORMATION : REAL VALUE  
NORMALIZATION  : NONE

FILTERING SPECIFICATION

AZIMUTH         :     360.000  
DIP ANGLE       :       .000  
SPREAD ANGLE    :     22.500  
TOP ELEVATION   :   3560.000  
BOTTOM ELEVATION:   3540.000

1ST CLASS VALUE:     .000  
CLASS INTERVALS:   15.000 [feet    ]  
UPPER CUT-OFF    :     30.000  
LOWER CUT-OFF    :       .500

SUMMARY STATISTICS

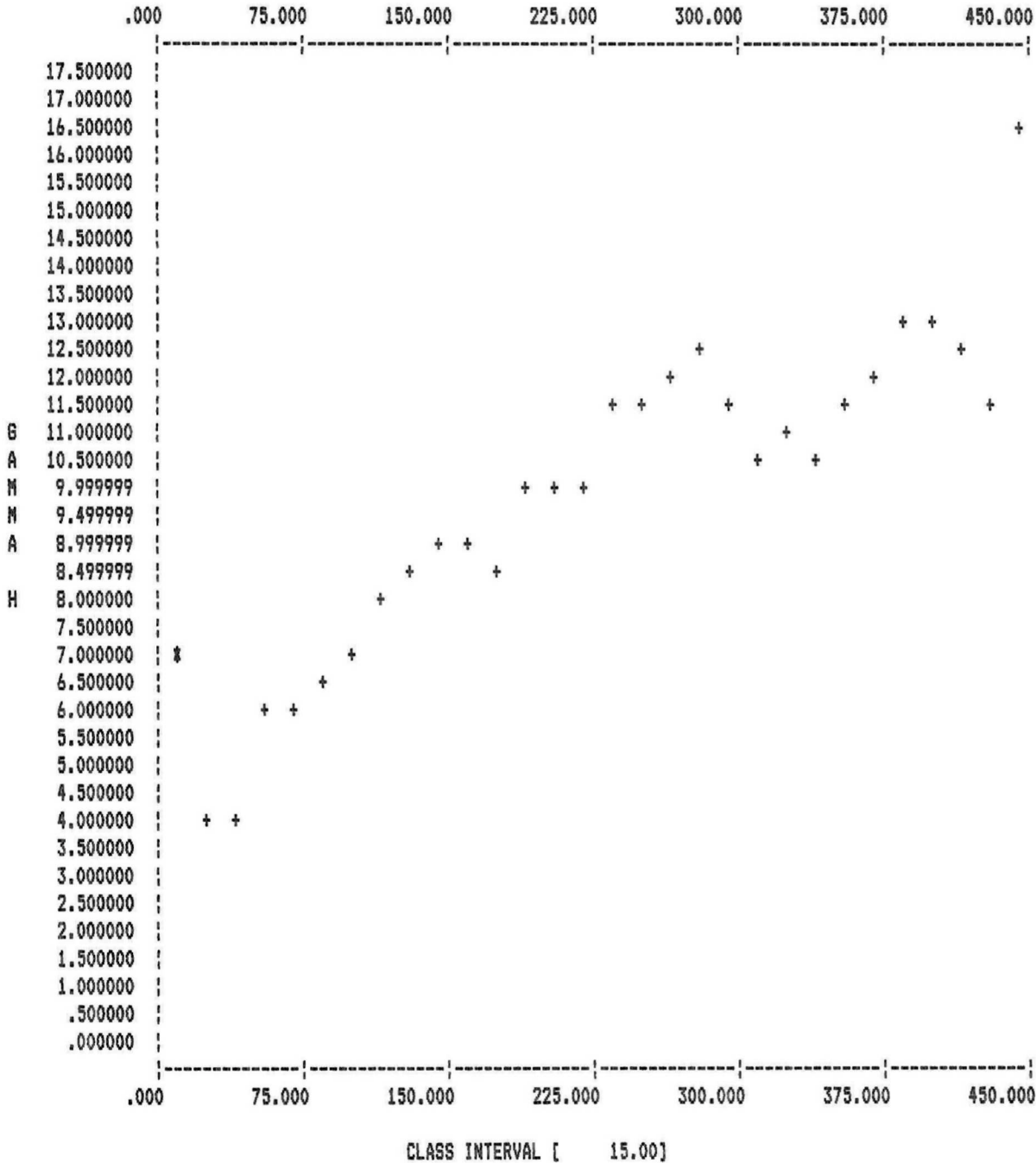
TOTAL NUMBER OF SAMPLES USED        :        328  
POPULATION MEAN                        :        5.745  
STANDARD DEVIATION                      :        3.322  
VARIANCE                                 :       11.036

MAXIMUM NUMBER OF PAIRS AVAILABLE:    53628  
TOTAL NUMBER OF SAMPLE PAIRS USED:    11475  
AVERAGE DISTANCE APART                :    200.250

TITLE : South Phase 3550 Bench  
 DESCRIPTION : Semi-variogram 4 (N-S )  
 FILENAME : d:\faroblas\faroblas.mex  
 DESCRIPTION : South Phase 3550 Bench

CLASS INTERVAL		SAMPLE PAIRS	DRIFT	GAMMA(H)	AVERAGE	
FROM	TO				LOCAL MEAN	DISTANCE
.00	15.00	7	1.354286	6.951571	5.075714	11.36
15.00	30.00	171	-.058012	3.955969	6.138713	22.93
30.00	45.00	286	.304650	4.206254	5.960087	39.29
45.00	60.00	291	.031134	5.874311	6.166426	52.63
60.00	75.00	454	.052996	5.922830	5.825705	67.04
75.00	90.00	455	.095121	6.511390	5.988286	82.99
90.00	105.00	500	-.276220	6.836147	6.069190	97.96
105.00	120.00	542	-.241845	7.884822	6.089686	112.29
120.00	135.00	609	-.406322	8.591414	6.142685	127.44
135.00	150.00	583	-.589057	8.801913	6.259434	142.60
150.00	165.00	611	-.712864	9.122595	6.254419	157.12
165.00	180.00	614	-1.049984	8.665903	6.199471	172.20
180.00	195.00	614	-1.028730	9.781439	6.281059	187.63
195.00	210.00	593	-1.248735	9.834165	6.369022	202.57
210.00	225.00	584	-1.037534	10.007139	6.403887	217.59
225.00	240.00	575	-1.192487	11.631685	6.298922	232.40
240.00	255.00	564	-1.578741	11.299214	6.247473	247.43
255.00	270.00	505	-1.613960	11.965344	6.281772	262.35
270.00	285.00	486	-1.479424	12.292807	6.320926	277.21
285.00	300.00	444	-1.753401	11.266179	6.378727	292.48
300.00	315.00	384	-1.425807	10.650798	6.363398	307.49
315.00	330.00	351	-1.687863	10.929434	6.287037	322.03
330.00	345.00	306	-2.039052	10.529677	6.333252	337.20
345.00	360.00	256	-1.963516	11.598032	6.474688	352.09
360.00	375.00	213	-2.035634	11.970237	6.273732	366.96
375.00	390.00	165	-2.605697	12.767194	6.136788	382.38
390.00	405.00	126	-2.804365	13.246691	6.140595	397.18
405.00	420.00	100	-2.845500	12.591670	6.305050	412.25
420.00	435.00	56	-2.969643	11.380779	6.488214	427.43
435.00	450.00	30	-4.739333	16.410256	6.458333	441.66

TITLE : South Phase 3550 Bench  
DESCRIPTION : Semi-variogram 4 (N-S )  
FILENAME : d:\faroblas\faroblas.mex  
DESCRIPTION : South Phase 3550 Bench



+ INDICATES EXPERIMENTAL SEMI-VARIOGRAM  
\* INDICATES LESS THAN THRESHOLD PAIRS IN CLASS  
x INDICATES SEMI-VARIOGRAM MODEL