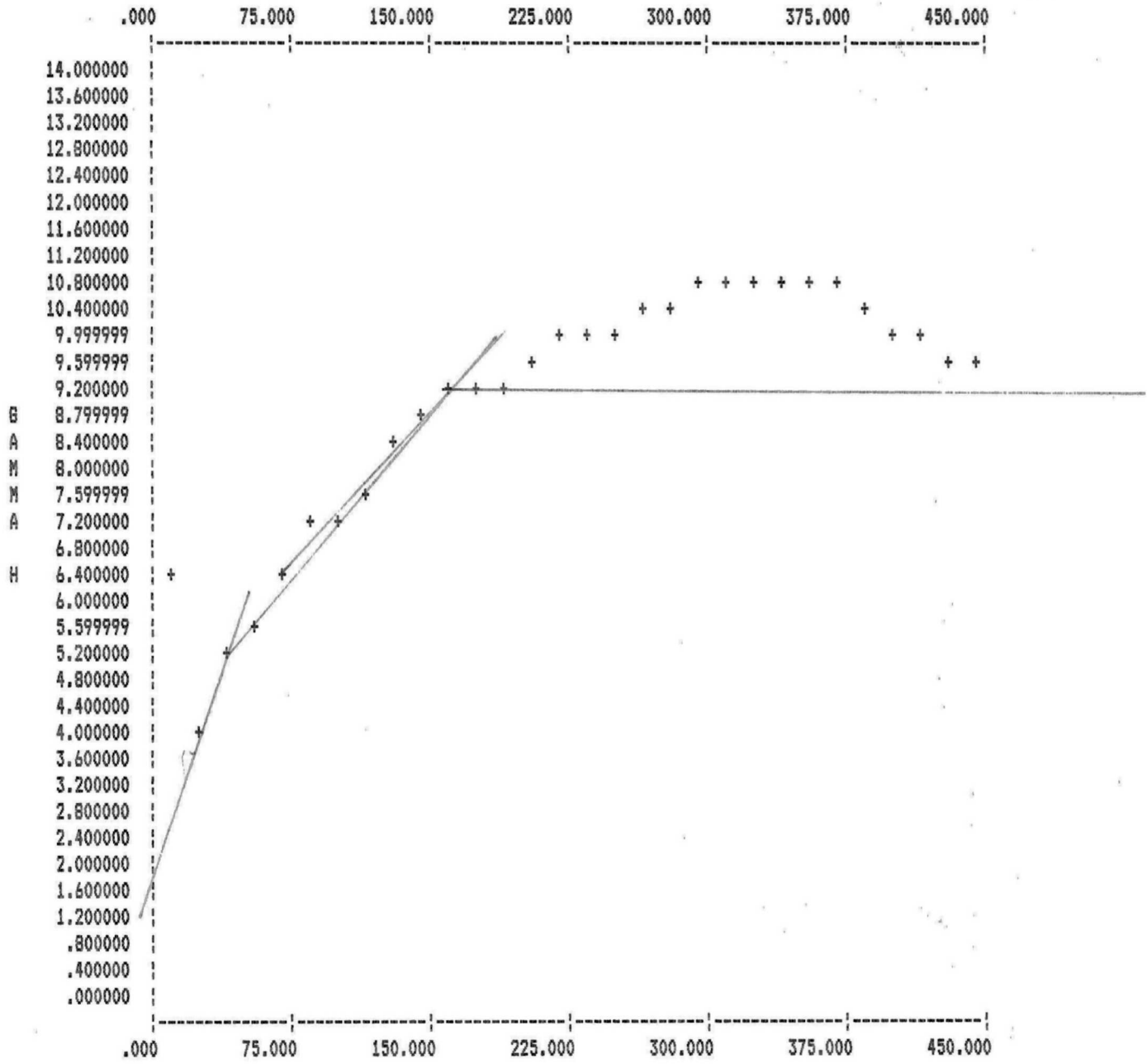


TITLE : South & Ramp Phases 3530-3570
 DESCRIPTION : Semi-variogram 4 (NE-SW)
 FILENAME : d:\faroblas\faroblas.mex
 DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches

CLASS INTERVAL		SAMPLE PAIRS	DRIFT	GAMMA(H)	AVERAGE	
FROM	TO				LOCAL MEAN	DISTANCE
.00	15.00	24	.841250	6.540873	6.423542	12.28
15.00	30.00	407	-.034693	3.845346	5.895012	23.17
30.00	45.00	709	-.139972	5.344563	6.089577	39.33
45.00	60.00	902	-.117472	5.522194	5.860920	51.89
60.00	75.00	1226	-.321558	6.585079	5.901277	66.56
75.00	90.00	1593	-.337439	7.149331	5.899937	82.97
90.00	105.00	1574	-.282764	7.292594	5.858599	98.21
105.00	120.00	1736	-.509073	7.680402	5.725602	112.58
120.00	135.00	2961	-.735380	8.279125	5.811439	127.62
135.00	150.00	3449	-.674604	8.843323	5.735197	143.17
150.00	165.00	3764	-.788919	9.008228	5.635044	157.58
165.00	180.00	4286	-.959046	9.265756	5.775640	172.34
180.00	195.00	4603	-.848872	9.295089	5.656750	187.70
195.00	210.00	4705	-.880253	9.723145	5.709914	202.62
210.00	225.00	4874	-1.133326	9.846307	5.623682	217.42
225.00	240.00	5222	-1.141789	10.034627	5.654426	232.58
240.00	255.00	5637	-1.095858	10.011805	5.660640	247.71
255.00	270.00	5724	-1.162851	10.283892	5.652313	262.48
270.00	285.00	6016	-1.222011	10.420303	5.633888	277.38
285.00	300.00	6086	-1.291676	10.675734	5.624727	292.63
300.00	315.00	5986	-1.435356	10.934159	5.638590	307.55
315.00	330.00	5896	-1.410215	10.936183	5.664558	322.30
330.00	345.00	6006	-1.381222	10.844361	5.605959	337.44
345.00	360.00	5759	-1.433659	10.723915	5.558165	352.66
360.00	375.00	5389	-1.422288	10.645719	5.579275	367.46
375.00	390.00	5226	-1.424173	10.402793	5.504295	382.27
390.00	405.00	4971	-1.496105	9.936712	5.484977	397.45
405.00	420.00	4585	-1.500393	10.100203	5.581784	412.62
420.00	435.00	4265	-1.545494	9.508666	5.530571	427.47
435.00	450.00	4133	-1.447718	9.476772	5.597907	442.39

TITLE : South & Ramp Phases 3530-3570
 DESCRIPTION : Semi-variogram 4 (NE-SW)
 FILENAME : d:\faroblas\faroblas.mex
 DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches



CLASS INTERVAL [15.00]
 + INDICATES EXPERIMENTAL SEMI-VARIOGRAM
 * INDICATES LESS THAN THRESHOLD PAIRS IN CLASS
 x INDICATES SEMI-VARIOGRAM MODEL

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TITLE : South & Ramp Phases 3530-3570
DESCRIPTION : Semi-variogram 3 (SE-NW)
FILENAME : d:\faroblas\faroblas.mex
DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches
VALUE USED : REAL VALUE
TRANSFORMATION : REAL VALUE
NORMALIZATION : NONE

FILTERING SPECIFICATION

AZIMUTH : 135.000
DIP ANGLE : .000
SPREAD ANGLE : 10.000
TOP ELEVATION : 3580.000
BOTTOM ELEVATION: 3520.000

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

SUMMARY STATISTICS

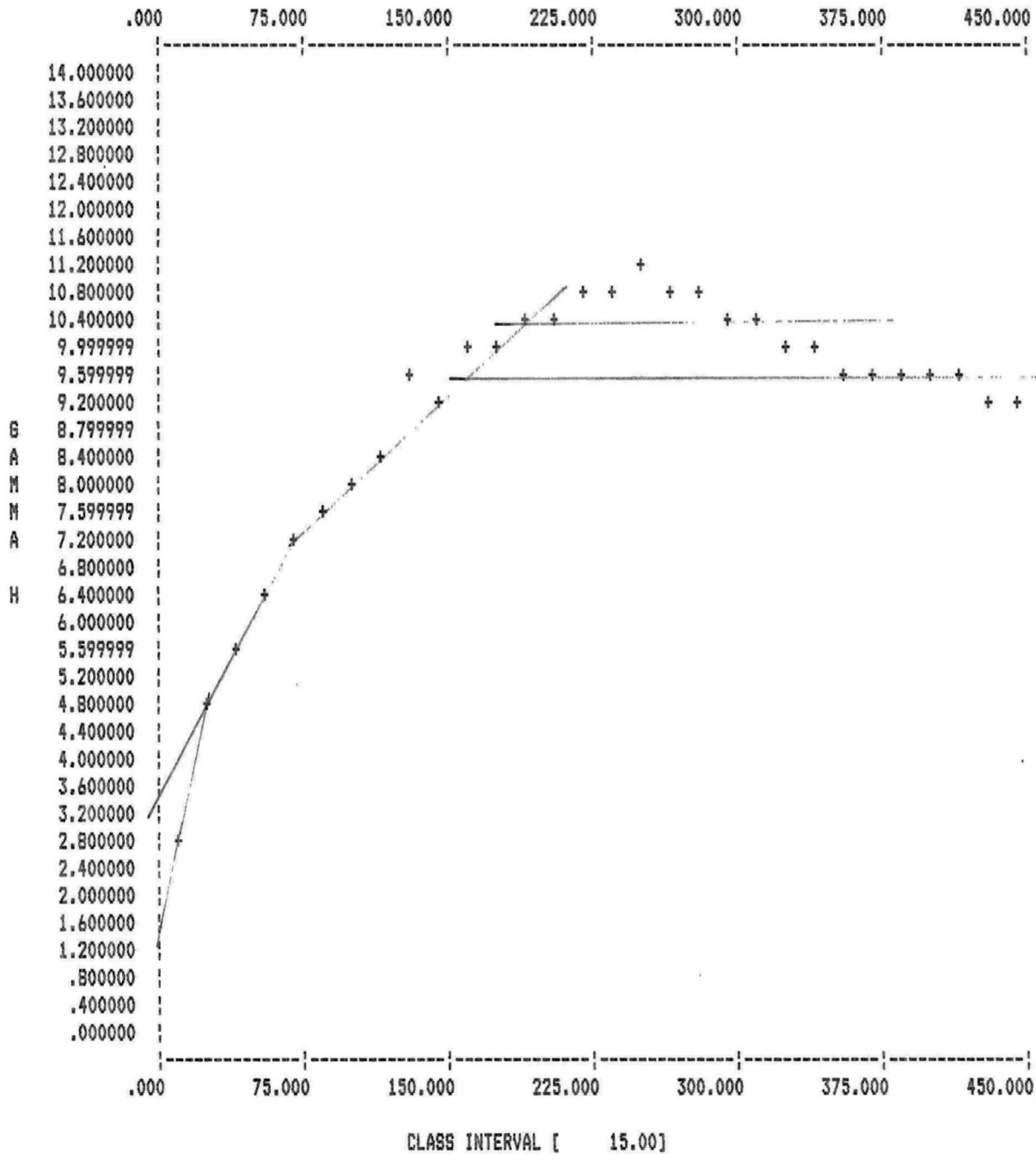
TOTAL NUMBER OF SAMPLES USED : 2153
POPULATION MEAN : 5.801
STANDARD DEVIATION : 3.069
VARIANCE : 9.417

MAXIMUM NUMBER OF PAIRS AVAILABLE: 2316628
TOTAL NUMBER OF SAMPLE PAIRS USED: 147796
AVERAGE DISTANCE APART : 293.087

TITLE : South & Ramp Phases 3530-3570
 DESCRIPTION : Semi-variogram 3 (SE-NW)
 FILENAME : d:\faroblas\faroblas.mex
 DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches

CLASS INTERVAL		SAMPLE PAIRS	DRIFT	GAMMA(H)	AVERAGE	
FROM	TO				LOCAL MEAN	DISTANCE
.00	15.00	42	-.690000	2.770516	5.052381	12.00
15.00	30.00	587	-.116150	4.904192	6.130613	23.42
30.00	45.00	697	.031951	5.710163	5.838859	39.13
45.00	60.00	999	-.190661	6.223459	5.889625	52.47
60.00	75.00	1252	-.100535	7.237181	5.964285	67.35
75.00	90.00	1536	-.080710	7.752785	5.966709	82.71
90.00	105.00	1622	-.127392	7.802383	5.927506	97.73
105.00	120.00	1862	-.192105	8.531504	5.983598	113.08
120.00	135.00	2895	-.493285	9.436607	6.019299	127.71
135.00	150.00	3544	-.491603	9.333412	6.064721	142.61
150.00	165.00	4020	-.538975	10.000325	6.034386	157.54
165.00	180.00	4324	-.560578	9.800702	6.020095	172.60
180.00	195.00	4784	-.545119	10.354313	6.116650	187.54
195.00	210.00	5075	-.603604	10.437057	6.079225	202.52
210.00	225.00	5461	-.503168	10.886197	6.082229	217.64
225.00	240.00	5705	-.492585	10.650156	6.102331	232.74
240.00	255.00	6395	-.456938	11.143817	6.140142	247.49
255.00	270.00	6818	-.392009	10.750592	6.106706	262.55
270.00	285.00	7026	-.267192	10.648707	6.108224	277.64
285.00	300.00	7165	-.241285	10.564453	6.091060	292.56
300.00	315.00	7390	-.108813	10.572549	6.031803	307.47
315.00	330.00	7487	.111732	10.180983	5.953346	322.47
330.00	345.00	7575	.171985	10.122431	5.939117	337.48
345.00	360.00	7649	.284947	9.797146	5.843905	352.56
360.00	375.00	7633	.359201	9.546933	5.817085	367.57
375.00	390.00	7622	.396463	9.507860	5.785639	382.50
390.00	405.00	7625	.431473	9.707144	5.793688	397.49
405.00	420.00	7663	.509297	9.408883	5.787976	412.54
420.00	435.00	7626	.496618	9.018865	5.748452	427.44
435.00	450.00	7717	.628613	9.357389	5.749338	442.45

TITLE : South & Ramp Phases 3530-3570
 DESCRIPTION : Semi-variogram 3 (SE-NW)
 FILENAME : d:\faroblas\faroblas.mex
 DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches



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

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TITLE : South & Ramp Phases 3530-3570
DESCRIPTION : Semi-variogram 2 (E-W)
FILENAME : d:\faroblas\faroblas.mex
DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches
VALUE USED : REAL VALUE
TRANSFORMATION : REAL VALUE
NORMALIZATION : NONE

FILTERING SPECIFICATION

AZIMUTH : 90.000
DIP ANGLE : .000
SPREAD ANGLE : 10.000
TOP ELEVATION : 3580.000
BOTTOM ELEVATION: 3520.000

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

SUMMARY STATISTICS

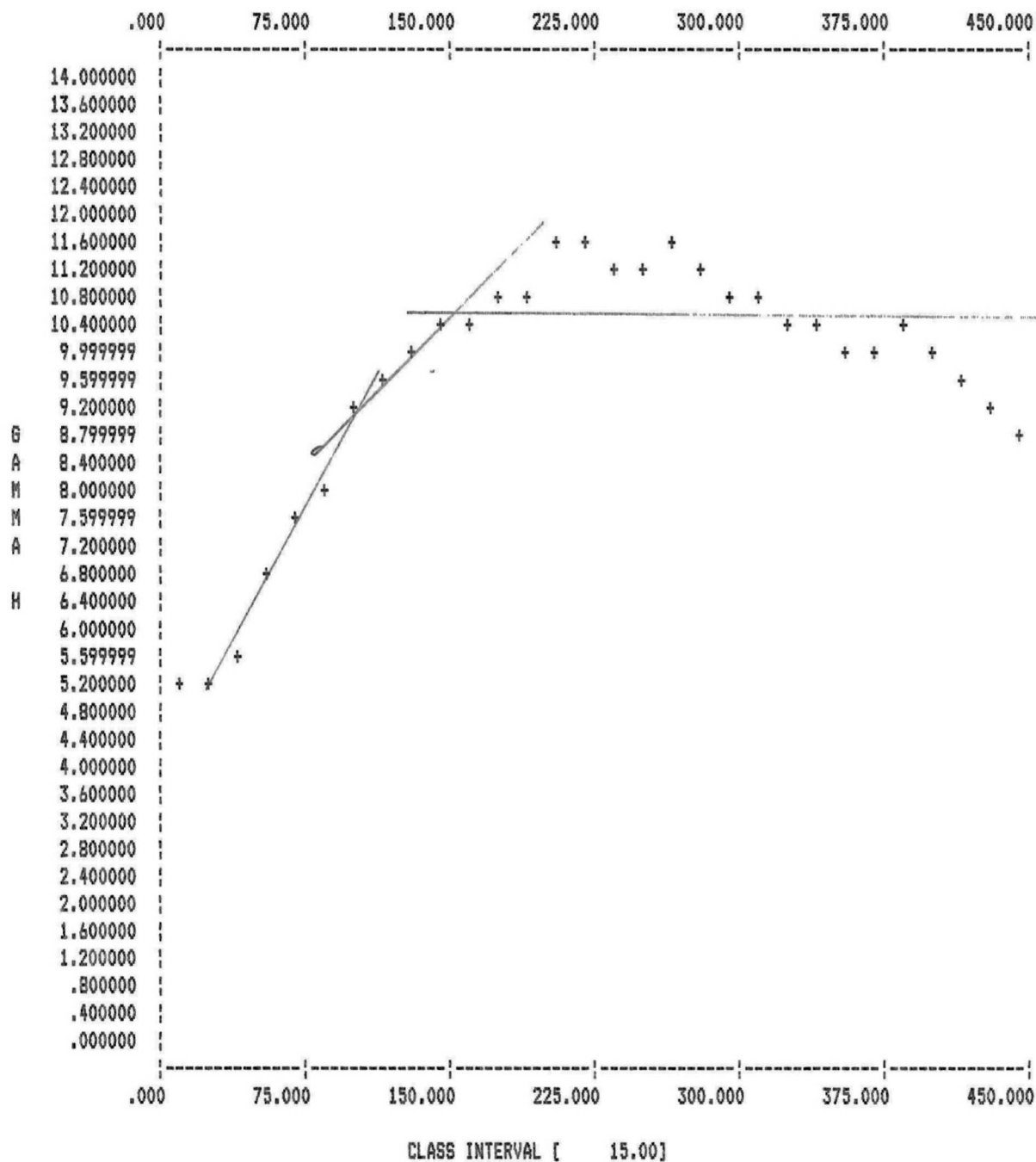
TOTAL NUMBER OF SAMPLES USED : 2151
POPULATION MEAN : 5.804
STANDARD DEVIATION : 3.068
VARIANCE : 9.411

MAXIMUM NUMBER OF PAIRS AVAILABLE: 2312325
TOTAL NUMBER OF SAMPLE PAIRS USED: 130375
AVERAGE DISTANCE APART : 286.659

TITLE : South & Ramp Phases 3530-3570
 DESCRIPTION : Semi-variogram 2 (E-W)
 FILENAME : d:\faroblas\faroblas.mex
 DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches

CLASS INTERVAL		SAMPLE PAIRS	DRIFT	GAMMA(H)	AVERAGE	
FROM	TO				LOCAL MEAN	DISTANCE
.00	15.00	24	.944583	5.204994	5.932292	10.71
15.00	30.00	748	-.130214	5.137205	6.091190	22.95
30.00	45.00	597	-.100888	5.461104	5.679070	40.13
45.00	60.00	972	-.121554	6.852873	5.845046	51.94
60.00	75.00	1325	-.230740	7.594226	5.943340	67.92
75.00	90.00	1383	-.496363	8.153750	5.818738	83.25
90.00	105.00	1584	-.670114	9.041662	5.844628	97.42
105.00	120.00	1910	-.593000	9.550779	5.854474	112.92
120.00	135.00	2769	-.911708	9.912071	5.804792	127.79
135.00	150.00	3462	-.896300	10.200369	5.790253	142.55
150.00	165.00	3859	-1.007530	10.394761	5.769909	157.67
165.00	180.00	4269	-1.041958	10.861453	5.768356	172.63
180.00	195.00	4536	-1.033197	10.820311	5.787608	187.59
195.00	210.00	4778	-1.032771	11.489759	5.745310	202.50
210.00	225.00	5060	-1.014399	11.562687	5.736536	217.54
225.00	240.00	5302	-.947682	11.337470	5.717264	232.71
240.00	255.00	5723	-.914894	11.325823	5.673348	247.50
255.00	270.00	6077	-.951287	11.402240	5.626264	262.55
270.00	285.00	6140	-.772702	11.320707	5.605112	277.59
285.00	300.00	6211	-.724497	10.935627	5.568687	292.40
300.00	315.00	6431	-.622446	10.978635	5.551865	307.43
315.00	330.00	6398	-.429183	10.459203	5.501150	322.53
330.00	345.00	6517	-.272099	10.472464	5.507566	337.53
345.00	360.00	6493	-.199718	10.045072	5.439385	352.47
360.00	375.00	6474	-.203605	10.145967	5.435524	367.57
375.00	390.00	6280	-.074384	10.238333	5.474851	382.57
390.00	405.00	6340	-.100054	9.904127	5.457057	397.47
405.00	420.00	6337	-.076206	9.529011	5.476146	412.55
420.00	435.00	6256	-.019939	9.320468	5.467700	427.56
435.00	450.00	6120	-.111832	8.748382	5.427926	442.44

TITLE : South & Ramp Phases 3530-3570
 DESCRIPTION : Semi-variogram 2 (E-W)
 FILENAME : d:\faroblas\faroblas.mex
 DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches



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

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TITLE : South & Ramp Phases 3530-3570
DESCRIPTION : Semi-variogram 1 (N-S)
FILENAME : d:\faroblas\faroblas.mex
DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches
VALUE USED : REAL VALUE
TRANSFORMATION : REAL VALUE
NORMALIZATION : NONE

FILTERING SPECIFICATION

AZIMUTH : 360.000
DIP ANGLE : .000
SPREAD ANGLE : 10.000
TOP ELEVATION : 3580.000
BOTTOM ELEVATION: 3520.000

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

SUMMARY STATISTICS

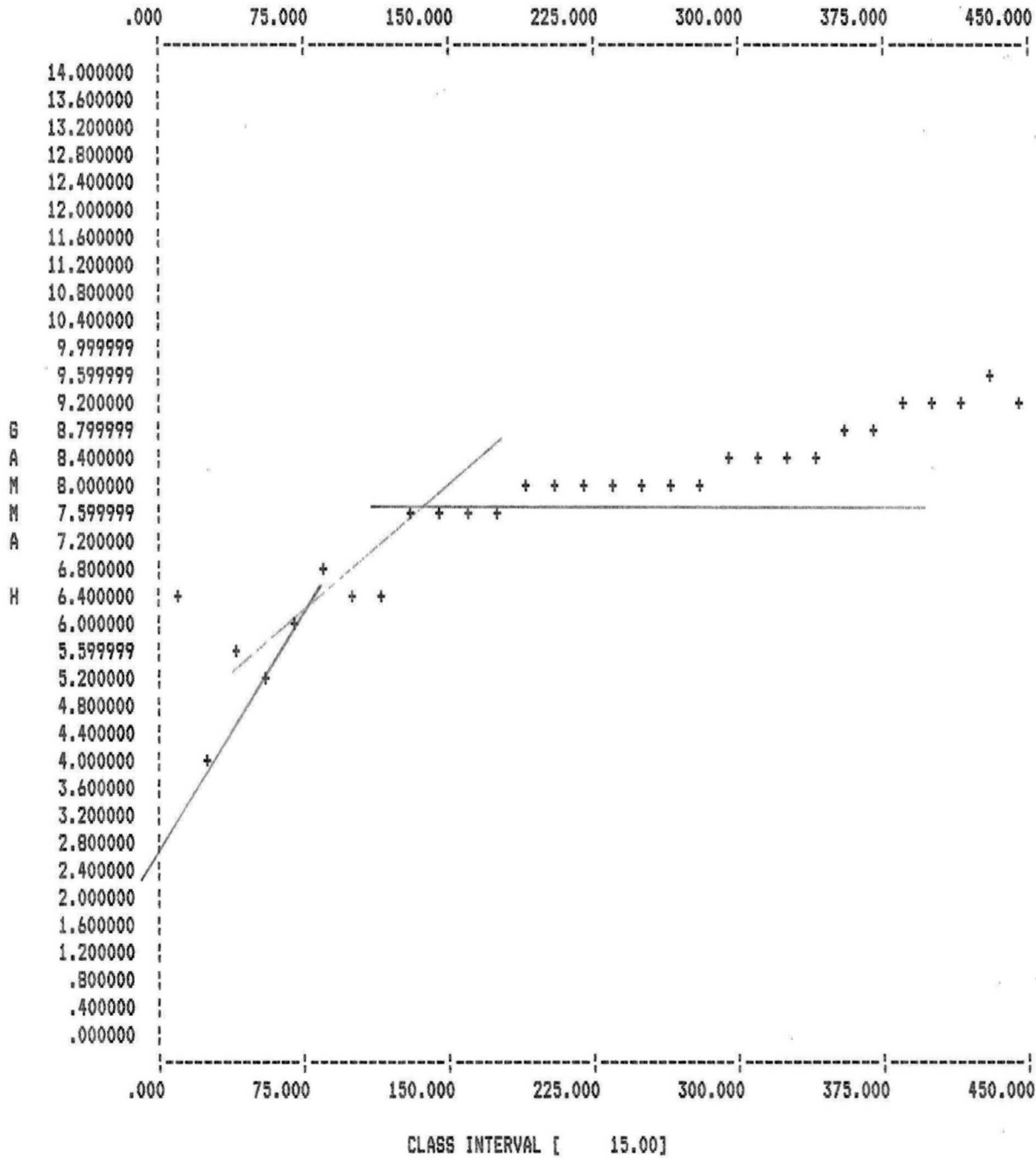
TOTAL NUMBER OF SAMPLES USED : 2153
POPULATION MEAN : 5.801
STANDARD DEVIATION : 3.069
VARIANCE : 9.417

MAXIMUM NUMBER OF PAIRS AVAILABLE: 2316628
TOTAL NUMBER OF SAMPLE PAIRS USED: 143757
AVERAGE DISTANCE APART : 288.360

TITLE : South & Ramp Phases 3530-3570
 DESCRIPTION : Semi-variogram 1 (N-S)
 FILENAME : d:\faroblas\faroblas.mex
 DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches

CLASS INTERVAL	SAMPLE				AVERAGE	
FROM	TO	PAIRS	DRIFT	GAMMA(H)	LOCAL MEAN	DISTANCE
.00	15.00	29	.238621	6.206924	6.548276	11.63
15.00	30.00	322	.024845	4.136438	5.977702	22.25
30.00	45.00	875	-.046343	5.483088	5.997903	39.86
45.00	60.00	768	-.262630	5.393951	5.808060	53.18
60.00	75.00	1348	-.271677	6.147363	5.893776	66.75
75.00	90.00	1561	-.078315	6.706365	5.958959	83.19
90.00	105.00	1454	-.309746	6.512551	5.833607	98.27
105.00	120.00	1814	-.206621	6.458847	5.817792	112.65
120.00	135.00	3035	-.228837	7.601391	5.998455	127.90
135.00	150.00	3526	-.138863	7.471544	5.917324	142.94
150.00	165.00	3976	-.209640	7.447313	5.955987	157.55
165.00	180.00	4580	-.212856	7.562596	5.922079	172.43
180.00	195.00	4966	-.120598	7.852957	5.945593	187.71
195.00	210.00	5183	-.213681	7.909570	5.946665	202.77
210.00	225.00	5465	-.128037	7.817750	5.931327	217.40
225.00	240.00	6123	-.128008	8.053666	5.982326	232.58
240.00	255.00	6710	-.117873	7.932331	5.984759	247.75
255.00	270.00	6845	-.143490	8.065234	5.971114	262.57
270.00	285.00	7252	-.145410	8.190768	5.968336	277.39
285.00	300.00	7493	-.144463	8.215913	6.016401	292.61
300.00	315.00	7370	-.123758	8.227109	6.012640	307.56
315.00	330.00	7499	-.195454	8.304733	6.028893	322.33
330.00	345.00	7552	-.194228	8.470184	6.091788	337.49
345.00	360.00	7376	-.075339	8.825031	6.076918	352.69
360.00	375.00	7159	-.188557	8.912757	6.091187	367.41
375.00	390.00	7121	-.282658	9.263448	6.147462	382.32
390.00	405.00	7006	-.237309	9.169601	6.168020	397.45
405.00	420.00	6675	-.192993	9.185916	6.146354	412.53
420.00	435.00	6409	-.254689	9.519429	6.186341	427.43
435.00	450.00	6265	-.312677	9.307399	6.196021	442.38

TITLE : South & Ramp Phases 3530-3570
 DESCRIPTION : Semi-variogram 1 (N-S)
 FILENAME : d:\faroblas\faroblas.mex
 DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches



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

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TITLE : South & Ramp Phases 3530-3570
DESCRIPTION : Average Semi-variogram
FILENAME : d:\faroblas\faroblas.mex
DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches
VALUE USED : REAL VALUE
TRANSFORMATION : REAL VALUE
NORMALIZATION : NONE

FILTERING SPECIFICATION

AZIMUTH :	360.000	90.000	135.000	45.000
DIP ANGLE :	.000	.000	.000	.000
SPREAD ANGLE :	10.000	10.000	10.000	10.000
TOP ELEVATION :	3580.000	3580.000	3580.000	3580.000
BOTTOM ELEVATION:	3520.000	3520.000	3520.000	3520.000

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

SUMMARY STATISTICS

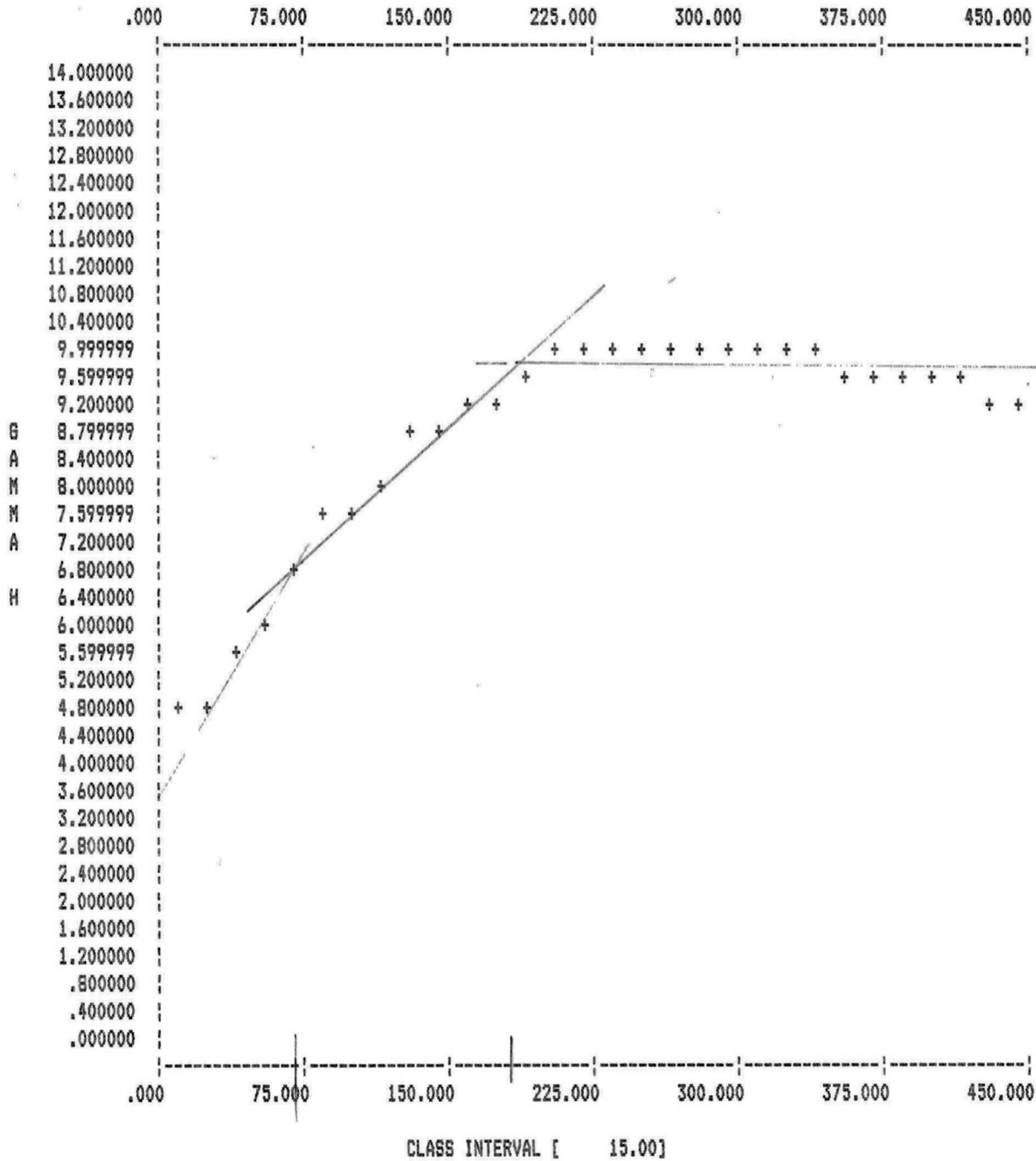
TOTAL NUMBER OF SAMPLES USED :	2154
POPULATION MEAN :	5.802
STANDARD DEVIATION :	3.068
VARIANCE :	9.413

MAXIMUM NUMBER OF PAIRS AVAILABLE:	2318781
TOTAL NUMBER OF SAMPLE PAIRS USED:	539642
AVERAGE DISTANCE APART :	286.730

TITLE : South & Ramp Phases 3530-3570
DESCRIPTION : Average Semi-variogram
FILENAME : d:\faroblas\faroblas.mex
DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches

CLASS INTERVAL	SAMPLE				AVERAGE	
FROM	TO	PAIRS	DRIFT	GAMMA(H)	LOCAL MEAN	DISTANCE
.00	15.00	119	.174790	4.859355	5.870924	11.70
15.00	30.00	2064	-.083188	4.660067	6.046013	23.02
30.00	45.00	2878	-.061762	5.499395	5.915832	39.61
45.00	60.00	3641	-.169261	6.042791	5.853408	52.34
60.00	75.00	5151	-.231421	6.888614	5.925448	67.15
75.00	90.00	6073	-.242093	7.416834	5.913505	83.02
90.00	105.00	6234	-.347053	7.687720	5.867149	97.90
105.00	120.00	7322	-.375429	8.082105	5.847668	112.81
120.00	135.00	11660	-.585297	8.777891	5.910148	127.76
135.00	150.00	13981	-.547999	8.957627	5.878292	142.81
150.00	165.00	15619	-.631139	9.208796	5.852847	157.59
165.00	180.00	17459	-.684885	9.341629	5.872817	172.50
180.00	195.00	18889	-.624738	9.550481	5.880591	187.64
195.00	210.00	19741	-.671038	9.858104	5.875582	202.61
210.00	225.00	20860	-.676137	10.003433	5.851699	217.50
225.00	240.00	22352	-.652336	9.958117	5.873476	232.65
240.00	255.00	24465	-.618285	10.044753	5.877848	247.61
255.00	270.00	25464	-.631953	10.079346	5.853457	262.54
270.00	285.00	26434	-.568503	10.078496	5.845033	277.50
285.00	300.00	26955	-.562874	10.022253	5.844650	292.55
300.00	315.00	27177	-.526593	10.112242	5.826428	307.50
315.00	330.00	27280	-.428508	9.893692	5.805644	322.41
330.00	345.00	27650	-.370087	9.910471	5.806734	337.49
345.00	360.00	27277	-.290697	9.788961	5.750294	352.60
360.00	375.00	26655	-.284785	9.744248	5.749950	367.50
375.00	390.00	26249	-.262899	9.794493	5.753428	382.42
390.00	405.00	25942	-.248404	9.654104	5.753357	397.47
405.00	420.00	25260	-.187954	9.505583	5.767023	412.55
420.00	435.00	24556	-.185753	9.311418	5.753371	427.48
435.00	450.00	24235	-.155797	9.211034	5.757820	442.42

TITLE : South & Ramp Phases 3530-3570
 DESCRIPTION : Average Semi-variogram
 FILENAME : d:\faroblas\faroblas.mex
 DESCRIPTION : South Phase and Ramp Phase 3530 to 3570 Benches



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