



Bergvesenet

Postboks 3021, 7002 Trondheim

Rapportarkivet

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Kommer fra ..arkiv	Ekstern rapport nr LV 22	Oversendt fra	Fortrolig pga	Fortrolig fra dato:
Tittel The Segelvann - Svinsås area: Geological and lithogeochemical investigations. Bind II				
Forfatter Grenne, Tor		Dato 05.04 1984	Bedrift Orkla Industrier A/S	
Kommune Meldal	Fylke Sør-Trøndelag	Bergdistrikt Trondheimske	1: 50 000 kartblad 15213	1: 250 000 kartblad
Fagområde Geologi	Dokument type	Forekomster		
Råstofftype Malm/metall	Emneord			
Sammendrag Rapporten består av bilag til VB 1697				

ORKLA INDUSTRIER A/S

MINING SECTION
EXPLORATION

GULF ORKLA LØKKEN VENTURE

Report no: LV 22 Date: may 84

Title: Enclosures

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SAMPLE NUMBER	ELEMENT UNITS	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3† PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	S PCT
DR-6		46.40	1.72	12.80	12.10	0.23	9.48	7.42	3.01	0.07	0.19	0.05
DR-16		49.00	1.72	12.70	11.60	0.21	9.67	6.33	3.84	0.01	0.19	1.64
DR-112		38.80	1.00	13.10	13.70	0.16	6.96	14.10	2.05	0.23	0.20	0.07
DR-119		48.90	1.39	11.70	10.20	0.20	8.64	7.43	3.83	0.03	0.14	0.13
DR-120		43.50	1.97	12.30	15.70	0.18	7.19	11.30	1.93	<0.01	0.25	0.14
DR-125		44.10	2.20	14.70	13.10	0.18	7.16	7.69	3.76	<0.01	0.20	0.53
DR-127		47.40	1.88	13.40	12.50	0.18	6.58	8.45	4.12	0.03	0.20	1.37
DR-202		43.90	1.07	12.80	12.40	0.14	9.37	10.30	1.55	0.64	0.13	0.05
DR-205		47.30	1.30	14.00	10.50	0.22	8.92	6.80	2.94	0.36	0.13	0.14
DR-211		47.40	1.17	14.40	9.35	0.14	6.43	9.01	4.11	0.06	0.14	0.28
DR-214		48.20	1.91	12.60	12.00	0.21	7.86	7.01	2.95	<0.01	0.21	0.14
DR-220		48.60	1.79	13.30	12.00	0.19	7.34	8.06	3.59	0.03	0.16	1.52
DR-223		46.80	1.87	13.70	10.50	0.24	7.90	6.90	4.17	<0.01	0.18	1.85
DR-225		46.30	1.46	14.00	11.30	0.19	8.95	8.77	3.67	<0.01	0.15	0.75
DR-226		48.30	1.67	14.10	9.14	0.22	9.08	6.05	4.44	<0.01	0.15	0.46
DR-237		53.40	1.38	15.40	11.40	0.15	4.44	3.17	6.45	0.12	0.16	0.23
DR-239		47.80	1.27	12.50	9.58	0.20	7.34	7.50	5.68	0.02	0.14	0.17
DR-242		49.10	1.18	13.70	9.86	0.20	10.30	4.87	4.64	<0.01	0.12	0.03
DR-244		50.30	1.44	13.50	9.73	0.18	8.88	6.71	4.34	0.12	0.16	0.03
DR-306		45.90	2.28	12.70	12.30	0.19	9.60	7.85	2.56	0.08	0.22	0.21
DR-310		48.80	1.34	13.10	13.00	0.16	8.19	9.46	3.54	<0.01	0.17	0.04
DR-326		48.70	1.80	12.00	13.30	0.18	8.08	9.41	3.36	0.08	0.22	0.18
DR-331		52.00	1.84	14.00	12.50	0.27	4.99	4.98	5.27	0.15	0.17	1.02
DR-336		48.00	1.20	14.90	9.74	0.17	5.70	7.94	5.67	0.08	0.18	0.15
DR-338		49.50	1.42	13.20	9.44	0.18	8.18	6.30	3.75	0.12	0.22	0.14
DR-340		49.70	1.31	12.00	10.30	0.18	8.42	8.19	3.73	0.25	0.17	0.14
DR-344		48.10	1.77	13.90	11.90	0.18	7.95	6.11	3.98	0.09	0.17	0.64
DR-347		49.20	1.49	13.90	7.91	0.19	7.82	8.09	2.85	0.17	0.20	0.16
DR-348		48.00	2.05	13.30	10.60	0.20	9.06	7.01	2.78	<0.01	0.16	0.05
DR-351		50.60	1.60	13.00	11.90	0.20	7.25	7.07	2.73	0.11	0.20	0.05
DR-353		40.90	1.63	15.30	8.59	0.22	9.31	5.91	3.40	0.30	0.17	0.46
DR-407		48.70	1.14	14.50	11.20	0.16	9.06	7.81	2.49	0.93	0.17	0.05
DR-411		50.80	1.31	12.80	10.90	0.13	6.03	9.85	3.81	0.66	0.17	<0.01
DR-417		46.80	0.56	13.80	6.78	0.40	8.12	8.96	1.80	1.72	0.15	<0.01
DR-422		49.50	1.81	16.10	11.30	0.08	5.73	8.33	0.88	3.25	0.36	<0.01
DR-423		45.60	1.64	13.50	11.80	0.42	6.41	8.33	3.28	0.59	0.23	0.37

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SAMPLE NUMBER	ELEMENT UNITS	Sr PPM	Rb PPM	Cr PPM	V PPM	Zr PPM	Ba PPM	Y PPM
LO-211		126	<1	36	356	75	113	38
LO-213		113	<1	91	241	95	99	40
LO-214		132	<1	335	218	51	141	30
LO-216		144	<1	59	277	87	89	39
LO-217		197	<1	126	219	72	159	27
LO-222		71	<1	337	214	77	104	31
LO-230		98	<1	129	308	85	91	32
LO-236		109	<1	26	302	78	80	37
LO-238		81	<1	219	203	53	132	25
LO-242		134	<1	324	230	85	94	34
LO-243		192	<1	569	209	51	117	28
LO-248		23	1	739	170	73	141	25
DR-6		106	<1	115	306	106	88	37
DR-16		70	<1	132	295	111	70	38
DR-112		161	<1	349	215	51	94	30
DR-119		60	<1	209	228	75	70	29
DR-120		336	<1	65	335	83	90	40
DR-125		137	<1	79	321	99	121	47
DR-127		231	<1	13	299	76	111	36
DR-202		156	<1	418	275	45	138	24
DR-205		108	<1	332	276	68	93	29
DR-211		99	<1	242	227	60	65	29
DR-214		85	<1	33	323	110	75	40
DR-220		139	<1	71	319	86	92	41
DR-223		45	<1	77	336	91	117	39
DR-225		49	<1	215	242	73	118	30
DR-228		50	1	333	275	97	92	35
DR-237		71	<1	<2	374	81	65	43
DR-239		44	<1	106	252	69	27	25
DR-242		84	<1	290	258	59	56	26
DR-244		170	<1	207	325	62	65	30
DR-306		94	<1	84	370	80	90	47
DR-310		258	4	118	361	49	74	36
DR-326		240	<1	<2	355	88	94	38
DR-331		109	<1	3	479	98	62	33
DR-336		191	<1	78	291	76	43	28
DR-338		64	<1	139	280	41	52	28
DR-340		86	<1	188	268	52	81	31
DR-344		86	<1	208	318	104	69	37
DR-347		148	<1	232	298	107	71	36

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SAMPLE NUMBER	ELEMENT UNITS	Sr PPM	Rb PPM	Cr PPM	V PPM	Zr PPM	Ba PPM	Y PPM
DR-348		167	<1	251	306	102	68	46
DR-351		97	<1	20	387	76	70	36
DR-353		59	<1	75	366	75	37	31
DR-407		249	1	202	297	56	155	28
DR-411		87	5	151	284	62	60	33
DR-417		109	18	705	284	42	228	25
DR-422		279	42	301	287	106	234	42
DR-423		74	<1	4	370	106	90	42

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Co PPM	Ni PPM	Hs PPB	Cl PPM	B PPM
DR-6		54	7	105	39	40	15		<10
DR-16		350	8	136	33	42	15	<200	30
DR-112		53	4	68	23	96	20		30
DR-119		28	5	80	31	46	15		<10
DR-120		37	6	88	30	32	15		15
DR-125		72	5	100	36	35	5		15
DR-127		105	14	95	39	28	10		15
DR-202		54	5	80	34	156	15		10
DR-205		64	8	112	38	136	10		10
DR-211		57	28	72	32	110	15		20
DR-214		50	13	72	30	25	10		10
DR-220		64	10	120	38	40	10		15
DR-223		96	42	174	38	44	10		15
DR-225		98	18	128	42	58	10		<10
DR-228		64	10	94	37	54	10		<10
DR-237		35	5	80	24	12	5		10
DR-239		40	8	88	26	36	10		20
DR-242		42	13	88	36	104	<5		15
DR-244		21	12	92	33	62	<5		20
DR-306		54	4	116	31	36	20		20
DR-310		22	5	76	29	46	10		15
DR-326		32	16	86	33	17	10		20
DR-331		36	6	148	28	12	25	<200	30
DR-336		56	6	85	35	43	10		20
DR-338		58	7	80	30	45	20		20
DR-340		48	5	74	31	58	5		30
DR-344		80	7	100	38	63	10		20
DR-347		56	5	85	35	63	10		10
DR-348		29	3	108	34	50	10		15
DR-351		44	6	110	35	22	5		25
DR-353		65	7	104	27	31	25		20
DR-407		69	4	72	32	58	10		20
DR-411		64	5	82	32	52	10		25
DR-417		22	7	72	38	148	10		35
DR-422		11	10	68	24	63	10		35
DR-423		40	10	190	36	28	25		20



SAMPLE NUMBER	ELEMENT UNITS	Cu PPH	Pb PPH	Zn PPH	Co PPH	Ni PPH	Mn PPH	Cr PPH	Hg PPB	S PCT	B PPH
DR-1		43	<1	98	43	72	1494	237	<5	<0.01	25
DR-2		16	<1	70	44	53	1364	305	<5	0.77	20
DR-3		27	<1	72	31	97	1390	358	<5	<0.01	25
DR-4		85	<1	72	25	79	1238	372	5	<0.01	20
DR-5		101	<1	79	43	48	1351	314	<5	<0.01	20
DR-7		55	<1	64	40	245	1213	999	<5	<0.01	25
DR-8		23	<1	85	34	143	1415	452	<5	<0.01	15
DR-9		50	<1	97	47	81	1476	281	5	<0.01	25
DR-10		63	32	87	38	53	1339	251	<5	<0.01	25
DR-11		82	14	88	40	56	1289	212	<5	0.06	25
DR-12		25	<1	98	34	108	1470	156	<5	0.14	30
DR-13		46	<1	86	41	58	1428	369	<5	<0.01	25
DR-14		27	8	60	27	10	1225	<2	<5	1.39	35
DR-15		38	<1	135	39	50	1728	350	<5	<0.01	35
DR-101		38	<1	66	30	64	1264	179	5	<0.01	20
DR-102		47	<1	98	28	57	1187	208	5	<0.01	25
DR-103		40	<1	77	31	52	1036	157	<5	<0.01	25
DR-104		39	<1	73	27	66	973	200	5	<0.01	30
DR-105		72	<1	78	32	32	1252	129	<5	<0.01	30
DR-106		48	<1	90	33	64	1225	194	5	<0.01	30
DR-107		24	<1	83	38	84	1238	211	<5	<0.01	20
DR-108		39	<1	92	32	80	1230	193	<5	<0.01	30
DR-109		58	<1	71	31	52	998	148	<5	0.11	25
DR-110		46	<1	80	26	71	1086	175	<5	<0.01	40
DR-111		16	<1	62	38	78	1378	423	<5	<0.01	30
DR-113		43	<1	87	42	40	1512	309	5	0.04	15
DR-114		67	<1	105	47	37	1590	64	5	<0.01	20
DR-115		8	<1	89	40	48	1390	316	<5	<0.01	25
DR-116		16	<1	95	41	46	1415	290	10	<0.01	65
DR-117		80	<1	86	46	76	1440	318	10	<0.01	25
DR-118		92	<1	78	39	48	1136	296	<5	<0.01	30
DR-121		38	<1	92	47	75	1364	182	10	<0.01	20
DR-122		48	<1	71	41	72	1187	219	10	<0.01	20
DR-123		40	<1	89	38	51	1314	285	<5	<0.01	25
DR-124		64	<1	85	36	55	1302	244	10	<0.01	30
DR-126		42	8	92	33	20	1339	<2	10	1.16	30
DR-128		37	<1	101	33	19	1428	<2	5	0.13	40
DR-129		48	<1	77	38	18	1500	<2	5	0.53	30
DR-130		67	<1	76	39	36	1390	144	5	<0.01	30
DR-131		15	<1	129	41	24	1590	20	<5	0.11	30

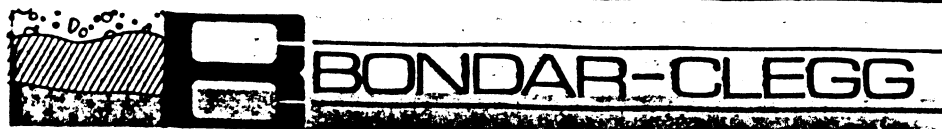
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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Co PPM	Ni PPM	Mn PPM	Cr PPM	Hg PPB	S PCT	B PPM
DR-132		46	<1	86	40	51	1320	295	<5	<0.01	25
DR-201		42	<1	89	31	88	1314	259	<5	<0.01	20
DR-203		44	<1	109	49	112	1296	296	<5	<0.01	35
DR-204		43	<1	82	30	73	1110	234	5	<0.01	25
DR-206		48	<1	79	26	137	1136	295	10	<0.01	50
DR-207		51	68	78	33	114	923	173	5	<0.01	30
DR-208		47	<1	184	30	49	1339	123	5	0.73	30
DR-209		48	<1	80	31	80	1111	193	10	0.24	30
DR-210		58	5	76	31	71	1212	163	10	<0.01	30
DR-212		6	<1	57	27	66	1012	201	<5	<0.01	25
DR-213		16	<1	45	32	41	1327	44	5	<0.01	25
DR-215		21	<1	93	33	440	1314	329	10	<0.01	40
DR-216		27	<1	67	25	46	1456	149	<5	<0.01	30
DR-217		55	<1	105	36	145	1390	370	10	<0.01	25
DR-218		28	<1	88	24	66	1378	255	10	<0.01	30
DR-219		44	<1	84	31	40	1590	25	5	0.40	30
DR-221		56	<1	98	39	48	1726	41	5	0.46	35
DR-222		65	<1	101	39	95	1512	268	10	<0.01	30
DR-224		63	<1	91	32	46	1482	49	5	<0.01	35
DR-226		51	<1	84	40	52	1332	257	10	<0.01	30
DR-227		48	<1	99	40	48	1500	120	30	0.06	25
DR-229		49	<1	88	55	104	1494	169	10	0.01	25
DR-230		70	<1	69	34	57	1289	208	10	<0.01	20
DR-231		61	<1	84	34	53	1390	202	<5	<0.01	30
DR-232		52	<1	71	25	87	1339	245	5	<0.01	25
DR-233		248	<1	78	37	42	1434	190	5	0.31	25
DR-234		46	<1	113	40	47	1546	146	10	0.22	25
DR-235		25	<1	81	31	52	1277	202	10	<0.01	30
DR-236		58	10	65	32	90	1250	313	<5	<0.01	20
DR-238		64	<1	88	33	42	1388	65	10	<0.01	30
DR-240		35	<1	126	27	9	1563	<2	10	<0.01	25
DR-241		27	<1	47	41	5	350	<2	180	3.97	20
DR-243		58	<1	88	26	74	1463	210	15	<0.01	25
DR-245		10	<1	117	25	<1	779	<2	5	<0.01	20
DR-301		44	<1	71	33	163	1169	431	<5	<0.01	35
DR-302		37	<1	90	40	105	1179	230	<5	<0.01	25
DR-303		48	<1	88	42	108	1225	216	5	<0.01	25
DR-304		67	<1	94	25	50	1325	169	10	<0.01	20
DR-305		57	<1	81	25	76	1116	171	15	<0.01	20
DR-307		56	<1	85	31	55	1160	158	5	<0.01	20



SAMPLE NUMBER	ELEMENT UNITS	Cu PPH	Pb PPH	Zn PPH	Co PPH	Ni PPH	Mn PPH	Cr PPH	Hg PPB	S PCT	B PPH
DR-308		56	<1	95	26	45	1179	161	10	<0.01	20
DR-309		55	<1	95	32	56	1213	211	10	<0.01	30
DR-311		56	<1	77	25	50	1106	87	10	<0.01	30
DR-312		45	<1	75	32	90	1275	220	15	<0.01	35
DR-313		87	<1	82	28	33	1250	5	10	<0.01	25
DR-314		63	<1	90	32	55	1213	162	5	<0.01	25
DR-315		62	<1	89	32	70	1200	176	<5	<0.01	25
DR-316		29	<1	67	22	66	1126	162	10	<0.01	30
DR-317		58	<1	83	28	77	1116	176	10	<0.01	20
DR-318		52	<1	80	24	72	1043	187	10	<0.01	25
DR-319		55	<1	62	30	30	1300	<2	5	<0.01	35
DR-320		211	<1	106	32	20	1513	<2	10	1.57	30
DR-321		30	<1	83	22	61	1285	168	10	<0.01	25
DR-322		94	<1	102	25	52	1275	272	10	<0.01	25
DR-323		58	<1	102	24	16	1500	<2	10	0.04	25
DR-324		46	<1	104	32	42	1563	31	15	0.06	25
DR-325		66	<1	75	36	90	1190	268	10	<0.01	15
DR-327		48	<1	96	28	12	1245	<2	10	<0.01	25
DR-328		85	<1	73	38	54	1250	262	15	<0.01	25
DR-329		55	<1	95	23	20	1265	<2	15	<0.01	20
DR-330		74	<1	66	25	38	1137	112	15	<0.01	35
DR-332		38	<1	95	24	17	1563	<2	15	<0.01	20
DR-333		39	<1	99	35	29	1250	<2	30	<0.01	20
DR-334		17	<1	82	34	70	1126	200	5	<0.01	30
DR-335		35	<1	102	27	20	1115	<2	10	<0.01	25
DR-337		22	<1	90	26	9	1053	<2	<5	<0.01	30
DR-339		54	<1	86	32	56	1230	168	<5	0.07	35
DR-341		48	<1	86	33	61	1179	175	10	<0.01	30
DR-342		213	<1	214	45	69	1700	359	15	<0.01	15
DR-343		30	<1	91	24	8	1525	<2	10	<0.01	25
DR-345		40	<1	76	20	50	1280	143	10	<0.01	30
DR-346		38	<1	83	27	65	1064	374	<5	<0.01	25
DR-349		67	<1	103	40	68	1463	216	<5	<0.01	15
DR-350		22	<1	69	20	40	1179	123	<5	<0.01	25
DR-352A		66	<1	74	22	8	1388	<2	10	0.45	15
DR-352B		39	<1	83	32	12	1250	<2	5	<0.01	20
DR-354		41	<1	229	19	18	1538	<2	10	<0.01	25
DR-401		50	<1	75	33	76	1115	217	<5	<0.01	20
DR-402		42	<1	82	30	68	1300	226	<5	<0.01	45
DR-403		54	<1	87	32	120	1200	327	5	<0.01	40



SAMPLE NUMBER	ELEMENT UNITS	Cu PPH	Pb PPH	Zn PPH	Co PPH	Ni PPH	Mn PPH	Cr PPH	Hg PPB	S PCT	B PPH
DR-404		60	<1	84	22	74	1064	219	<5	<0.01	20
DR-405		58	45	75	26	63	895	157	<5	0.18	30
DR-406		32	<1	64	27	45	1264	182	<5	<0.01	20
DR-408		50	<1	77	25	54	863	165	<5	0.01	35
DR-409									IS		
DR-410		66	<1	61	27	40	1169	164	<5	<0.01	35
DR-412		53	<1	79	25	35	1549	85	15	<0.01	25
DR-413		50	<1	107	40	80	1074	207	15	<0.01	20
DR-414		44	<1	74	24	42	1126	109	10	<0.01	40
DR-415		62	<1	62	25	50	979	146	15	<0.01	25
DR-416		49	<1	69	24	105	874	342	10	<0.01	25
DR-418		47	<1	72	33	186	1130	670	10	<0.01	35
DR-419		59	<1	57	33	175	920	453	5	<0.01	30
DR-420		68	<1	92	32	65	1200	292	5	<0.01	15
DR-421		54	<1	72	34	111	1053	412	5	<0.01	20

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Greenstone samples Segelvann-Svinsås area, geochemical analyses
(x: whole rock analyses)

	DR	1	Massive gr.st. Diss. py, (cp)
	DR	2	Finegr. gr.st., epidote veins. Diss. py.
	DR	3	Massive gr.st. (dyke) Diss.po.
	DR	4	Pillow lava
	DR	5	Pillow lava
X	DR	6	Massive gr.st.
	DR	7	Massive gr.st., dark
	DR	8	Massive gr.st.
	DR	9	Massive gr.st.
	DR	10	Pillow lava, mt-bearing
	DR	11	Massive gr.st. Diss.po.
	DR	12	Massive gr.st. (dyke ?) Diss.po.
	DR	13	Massive gr.st.
	DR	14	Massive gr.st. Diss.po.
	DR	15	Massive gr.st.
X	DR	16	Dark gr.st. Po-cp veins and dissemination
	DR	101	Massive lava, coarse, vesicular
	DR	102	Massive greenstone, mt-bearing
	DR	103	Massive greenstone
	DR	104	Pillow lava, vesicular
	DR	105	Massive greenstone, coarse-grained
	DR	106	Massive greenstone, coarse-grained
	DR	107	Pillow lava, vesicular
	DR	108	Massive greenstone
	DR	109	Massive greenstone. Diss.py
	DR	110	Massive gr.st., coarse-grained
	DR	111	Fine/medium grained gr.st.
X	DR	112	Pillow lava
	DR	113	Fine-grained gr.st.
	DR	114	Massive gr.st.
	DR	115	Massive gr.st., fine-grained

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page 2

	DR	116	Massive gr.st.
	DR	117	Massive gr.st.
	DR	118	Fine-grained gt.st, highly fractured
X	DR	119	Pillow lava
X	DR	120	Massive gr.st., dyke ? Diss.po.
	DR	121	Pillow lava, variolitic (Greyish) Diss.po (py?)
	DR	122	Pillow lava, brownish-grey
	DR	123	Massive gr.st.. Greyish
	DR	124	Massive gr.st.. Ligh greenish. Diss.po, (cp)
X	DR	125	Massive gr.st. Dark green. Diss po, (py), (cp)
	DR	126	Massive gr.st. Dark green. Diss po, (pu), (cp)
X	DR	127	Doleritic dyke. Dark green. Diss po,(py), (cp)
	DR	128	Massive gr.st. Diss po, py
	DR	129	Massive gr.st. Diss. po, pu, (cp)
	DR	130	Massive lava, vesicular. Diss. py (po ?)
	DR	131	Massive lava, vesicular. Slightly bluish-green. Diss. py, po, (cp)
	DR	132	Massive lava, vesicular. Diss. po
	DR	201	Massive gr.st.,coarse-grained
X	DR	202	Pillow lava, vesicular. Diss. po.
	DR	203	Massive gr.st.
	DR	204	Massive lava, vesicular
X	DR	205	Pillow lava, vesicular. Diss. po
	DR	206	Massive gr.st., coarse-grained
X	DR	207	Pillow lava, vesicular
	DR	208	Massive gr.st.
	DR	209	Medium-fine grained gr.st., vesicular
	DR	210	Fine-grained gr.st.
X	DR	211	Pillow lava, variolitic. Po diss.
	DR	212	Fine-grained gr.st. Epidote veins.
	DR	213	Massive gr.st.
X	DR	214	Massive gr.st., dark green. Diss. po.
	DR	215	Massive gr.st. Epidote veins
	DR	216	Massive gr.st.
	DR	217	Massive gr.st., dyke
	DR	218	Fine-grained gr.st. Diss.po

	DR	219	Massive gr.st., dark green. Diss. po
X	DR	220	Massive gr.st., dark green. Diss. po, (cp)
	DR	221	Massive gr.st., dark green. Diss. po.
	DR	222	Massive gr.st., dark green. Diss. po.
X	DR	223	Massive gr.st., dyke ? Diss. po, (cp)
	DR	224	Massive gr.st. Diss. po.
X	DR	225	Massive gr.st., dark green. Diss. po.
	DR	226	Massive gr.st. Diss. po.
	DR	227	Massive gr.st. Diss. po.
X	DR	228	Massive gr.st., dyke ? Light greenish.Diss.po.
	DR	229	Massive gr.st., dyke ? Diss. po.
	DR	230	Massive gr.st., dyke ? Diss. po.
	DR	231	Massive gr.st., dyke ? Diss. po.
	DR	232	Massive gr.st., dyke ? Diss. po.
	DR	233	Massive gr.st. Diss. po. (cp)
	DR	234	Fine-grained gr.st. Diss. po (cp) and thin veins.
	DR	235	Massive gr.st. Diss. po and thin veins.
	DR	236	Massive lava, coarse-grained, vesicular
X	DR	237	Massive lava, vesicular. Diss. py, (cp)
	DR	238	Massive lava, vesicular.
X	DR	239	Pillow lava, dark green. Diss.po (?), (cp)
	DR	240	Fine-grained gr.st, dark green. Diss.po, py (cp)
	DR	241	Massive lava, vesicular, brownish-green. Diss. py and thin veins.
X	DR	242	Massive lava, coarse-grained.
	DR	243	Massive gr.st.
X	DR	244	Pillow lava, vesicular
	DR	245	Massive (?) lava, vesicular, dark green.
	DR	301	Fine-grained gr.st, foliated
	DR	302	Fine-grained gr.st.
	DR	303	Fine-medium grained gr.st.
	DR	304	Pillow lava, vesicular
	DR	305	Fine-grained gr.st., vesicular
X	DR	306	Massive lava, vesicular . Diss. py.

	DR	307	Massive lava, vesicular. Diss. po.
	DR	308	Massive lava, vesicular, foliated.
	DR	309	Massive lava, vesicular. Diss. po
X	DR	310	Pillow lava, vesicular.
	DR	311	Massive lava, vesicular, dark green. Diss. po(?)
X	DR	312	Fine-grained gr.st., foliated. Diss. po
	DR	313	Fine-grained gr.st., foliated. Diss. py
	DR	314	Pillow lava, vesicular. Diss. po.
	DR	315	Massive lava, vesicular. Diss. py.
	DR	316	Massive gr.st., plagioclase phyric
	DR	317	Massive gr.st., vesicular. Diss. py (po ?)
	DR	318	Massive gr.st., vesicular
	DR	319	Fine-grained gr.st. Epidote veins
	DR	320	Massive gr.st., dyke ? Diss. po.
	DR	321	Fine-grained gr.st. Diss. py.
	DR	322	Massive gr.st.
	DR	323	Fine-grained gr.st., bluish-green. Diss po, py
	DR	324	Massive gr. Diss. py and thin veins
	DR	325	Pillow lava, vesicular
X	DR	326	Massive lava, vesicular, dark green. Diss. py.
	DR	327	Massive lava, dark green, vesicular
	DR	328	Massive gr.st., foliated
	DR	329	Pillow lava, dark green, vesicular
	DR	330	Massive gr.st.
X	DR	331	Pillow lava, vesicular, dark green. Py diss.
	DR	332	Massive lava, vesicular. Stilpnomelane-bearing
	DR	333	Pillow lava.
	DR	334	Massive gr.st., coarse-grained. Foliated
	DR	335	Pillow lava, vesicular. Diss. py
X	DR	336	Pillow lava, bluish-green. Diss. py
	DR	337	Pillow lava, vesicular, bluish-green
X	DR	338	Pillow lava (?), vesicular. Diss. py.
	DR	339	Massive gr.st.
X	DR	340	Pillow lava, vesicular. Diss. py
	DR	341	Pillow lava, vesicular. Diss. po (?)
	DR	342	Massive gr.st. Py, py, cp diss. and veins

	DR	343	Massive gr.st., dark. Diss. po.
X	DR	344	Fine-grained gr.st., light green. Py diss. and thin veins
	DR	345	Massive lava, vesicular. Diss. py, (po ?)
	DR	346	Medium-fine grained gr.st.
X	DR	347	Massive lava, coarse-grained, vesicular Diss.py.
X	DR	348	Massive lava, coarse-grained. Diss.py
	DR	349	Massive lava, vesicular
	DR	350	Massive lava
X	DR	351	Pillow lava (?), vesicular, plagioclase-phyric, light to dark green. Py, po, (cp) diss.
	DR	352	Medium-fine grained gr.st. Dark grey-green.
X	DR	353	Fine-medium grained gr.st. Light brownish-green. Diss. py.
	DR	354	Fine-grained gr.st., vesicular, foliated. Diss. py.
	DR	401	Pillow lava, variolitic (sample from pillow core) Slightly vesicular. Diss. py, (cp)
	DR	402	Pillow lava, variolitic (sample from pillow core). Slightly vesicular. Diss. py, (cp)
	DR	403	Massive gr.st. Diss. po
	DR	404	Pillow lava, variolitic, vesicular. Diss.po
	DR	405	Fine-medium grained gr.st., vesicular. Diss po, (py)
	DR	406	Massive gr.st. Diss. po
X	DR	407	Massive lava, vesicular. Diss. py.
	DR	408	Fine-grained gr.st. Epidote-rich irregular zones.
	DR	410	Massive gr.st, coarse-grained, dark
X	DR	411	Pillow lava, vesicular. Bluish-green, mt-bearing.
	DR	412	Massive lava, vesicular
	DR	413	Massive lava, vesicular. Py in vesicles.
	DR	414	Massive greenstone.
	DR	415	Massive lava, vesicular
	DR	416	Massive lava, vesicular. Diss.py.

X	DR	417	Pillow lava (?), vesicular. Bluish-grey hematite-bearing zones and hematite-rich veins. (calcite).
	DR	418	Pillow lava, vesicular
	DR	419	Fine-grained greenstone
	DR	420	Fine-grained gr.st. vesicular
	DR	421	Massive lava, vesicular
X	DR	422	Pillow lava (?), brownish-green. Quartz-epidote veins.
X	DR	423	Massive (?) fine-grained gr.st. Dark green py diss. and thin veins.



Ti - Zr variation diagram, greenstones Segelvann-Svinås area

End. no 4
Report no 22

- ○ Upper greenstones / altered
- ▲ Lower greenstones / altered
- □ Unclear stratigraphic position / altered

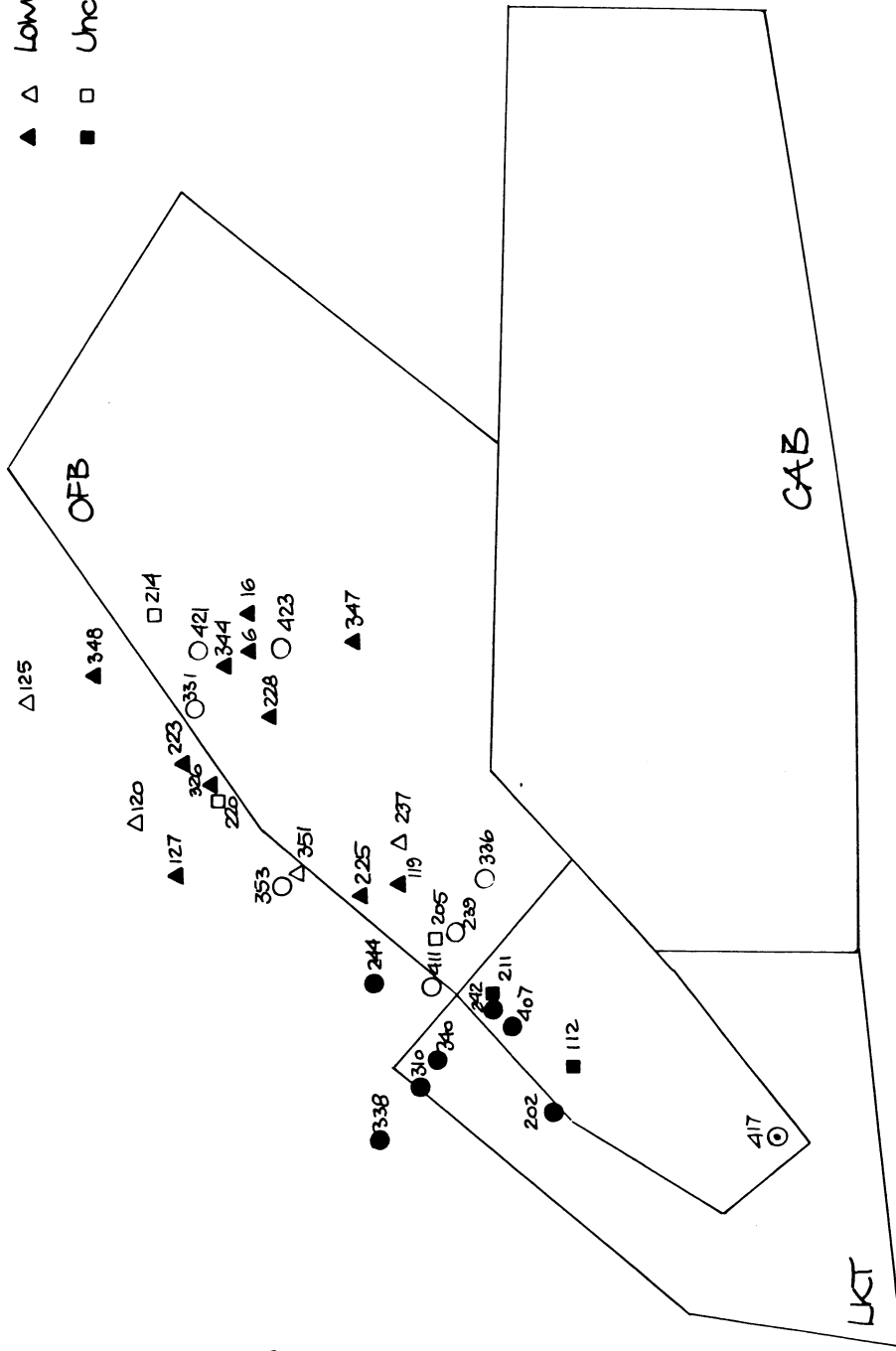
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10.000

5.000

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ppm Zr

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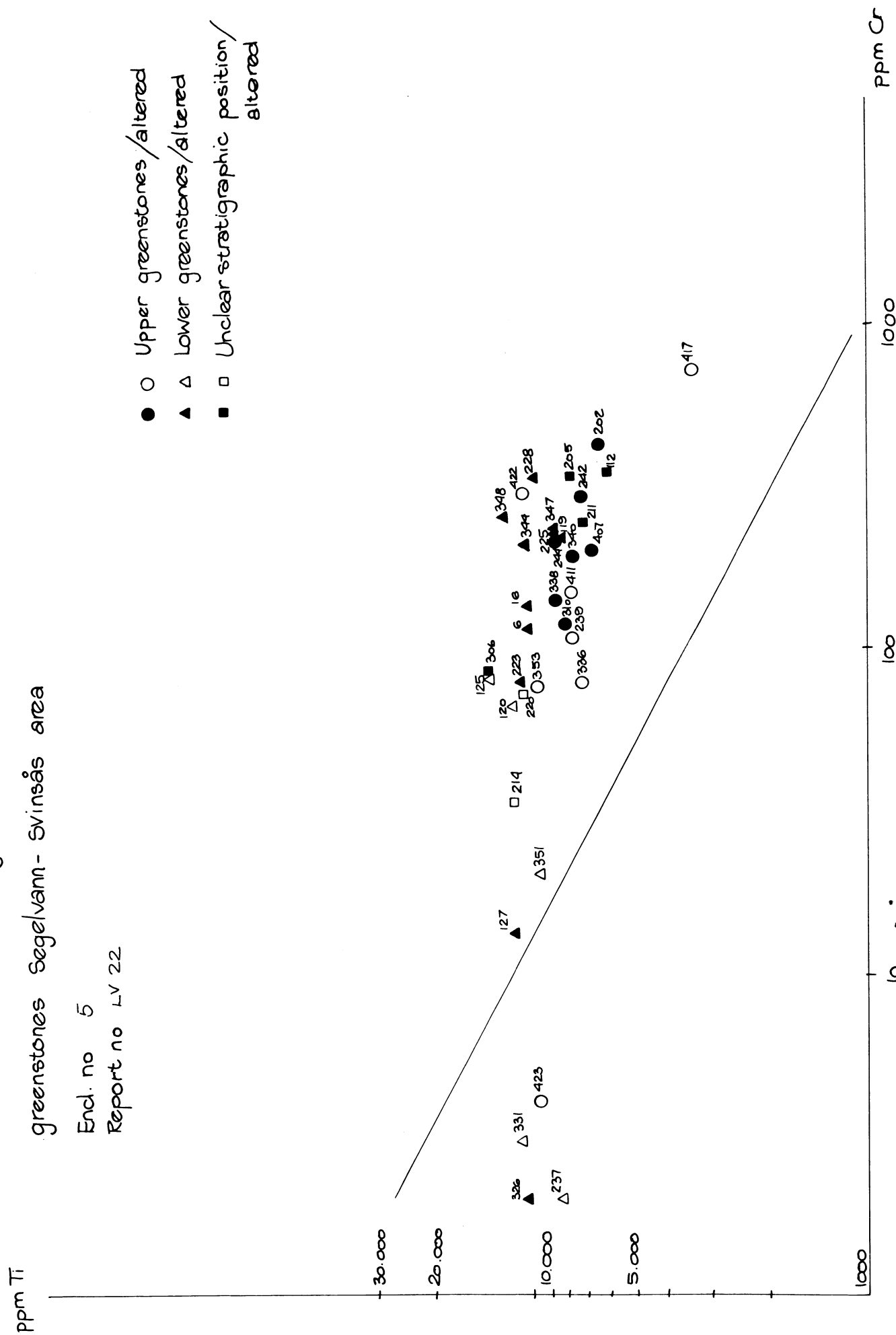
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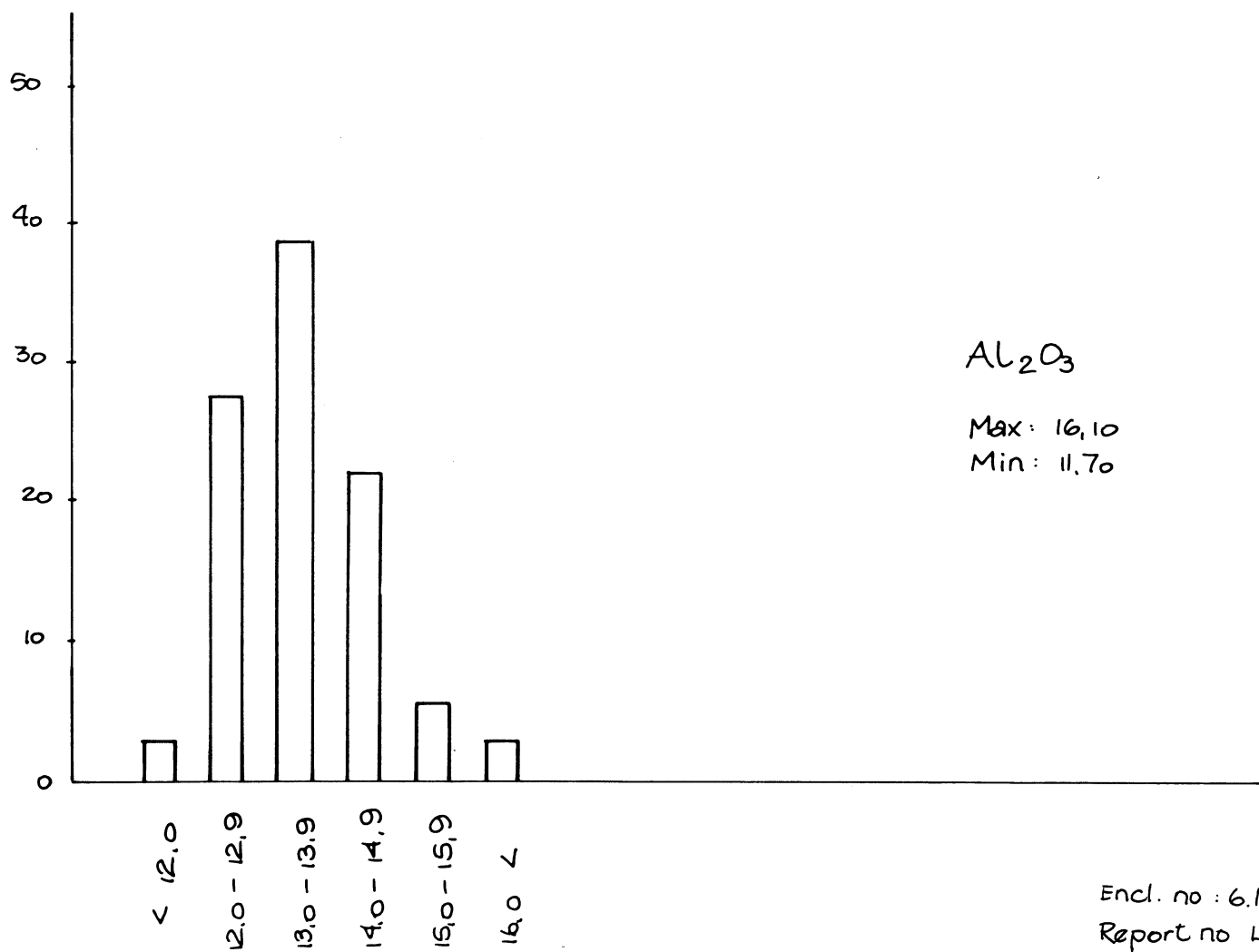
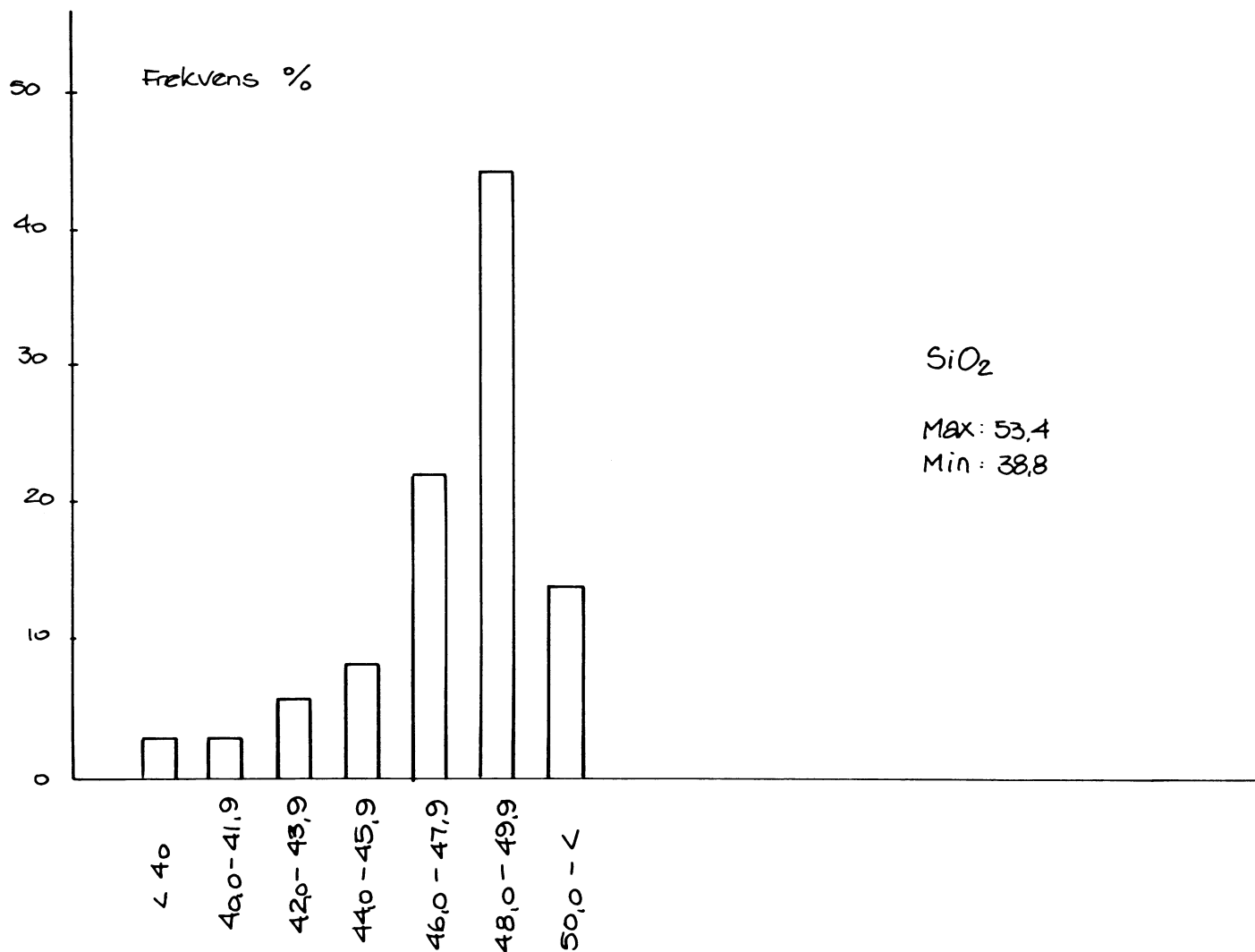
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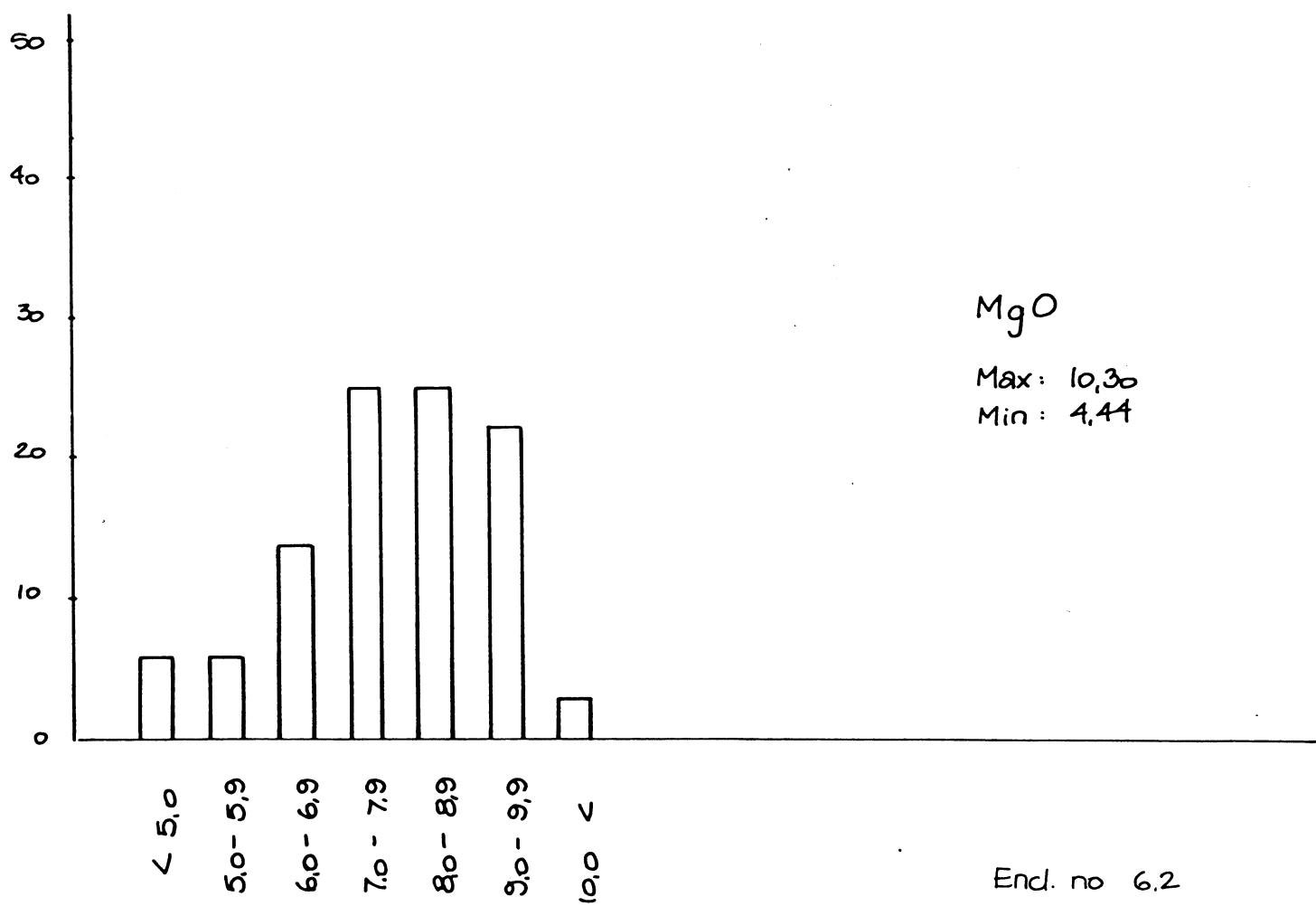
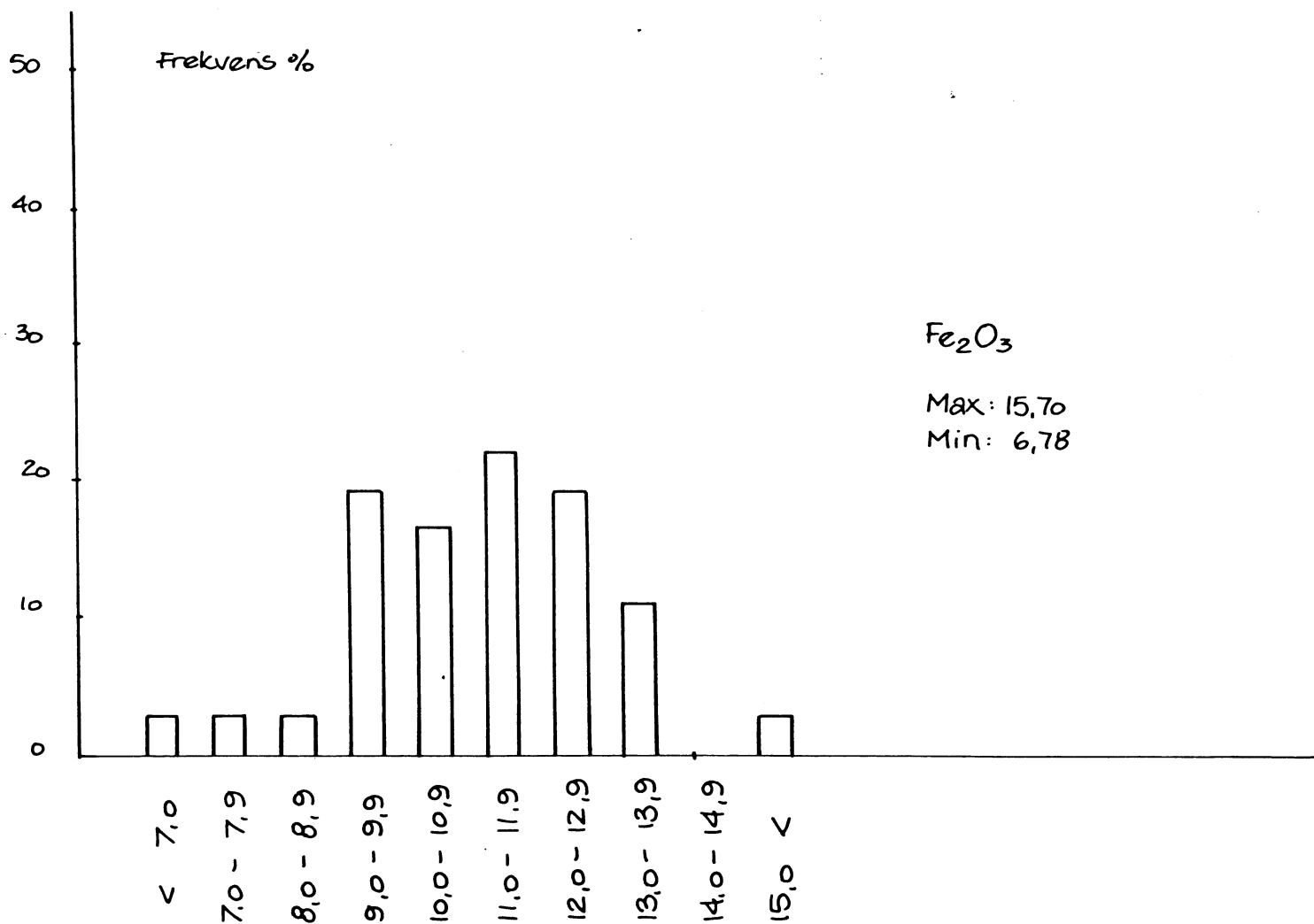
Ti - Cr variation diagram, greenstones Segelvann - Svinsås area

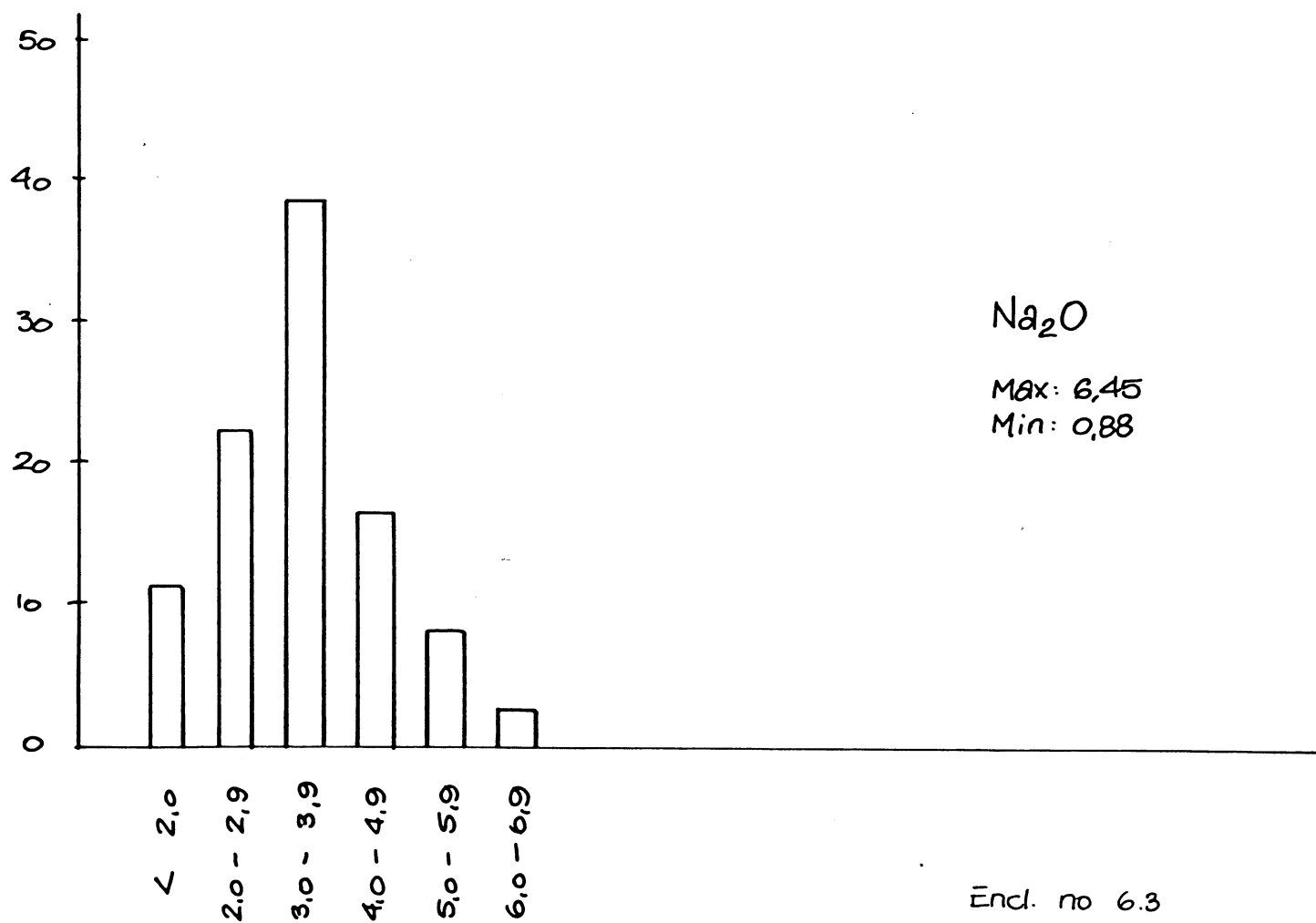
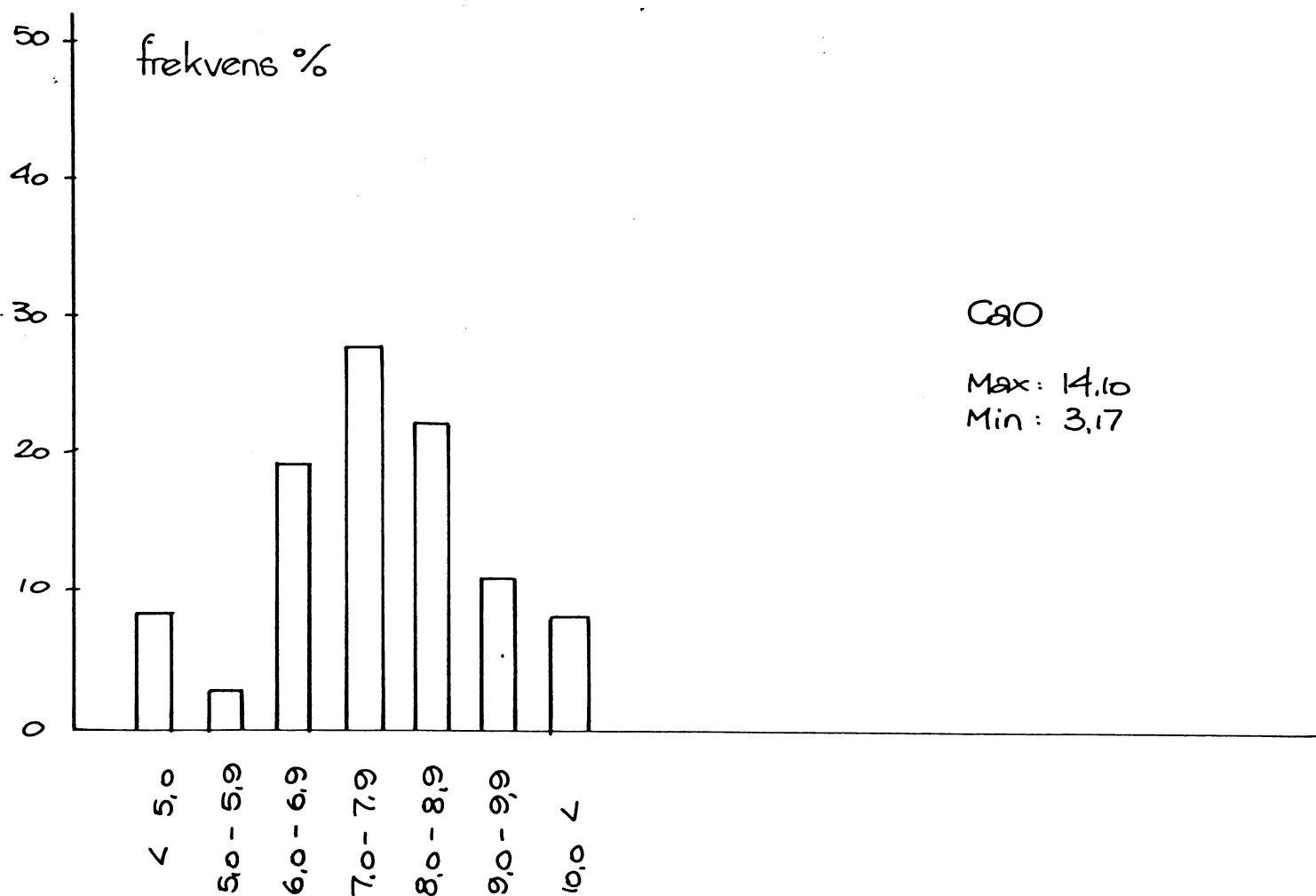
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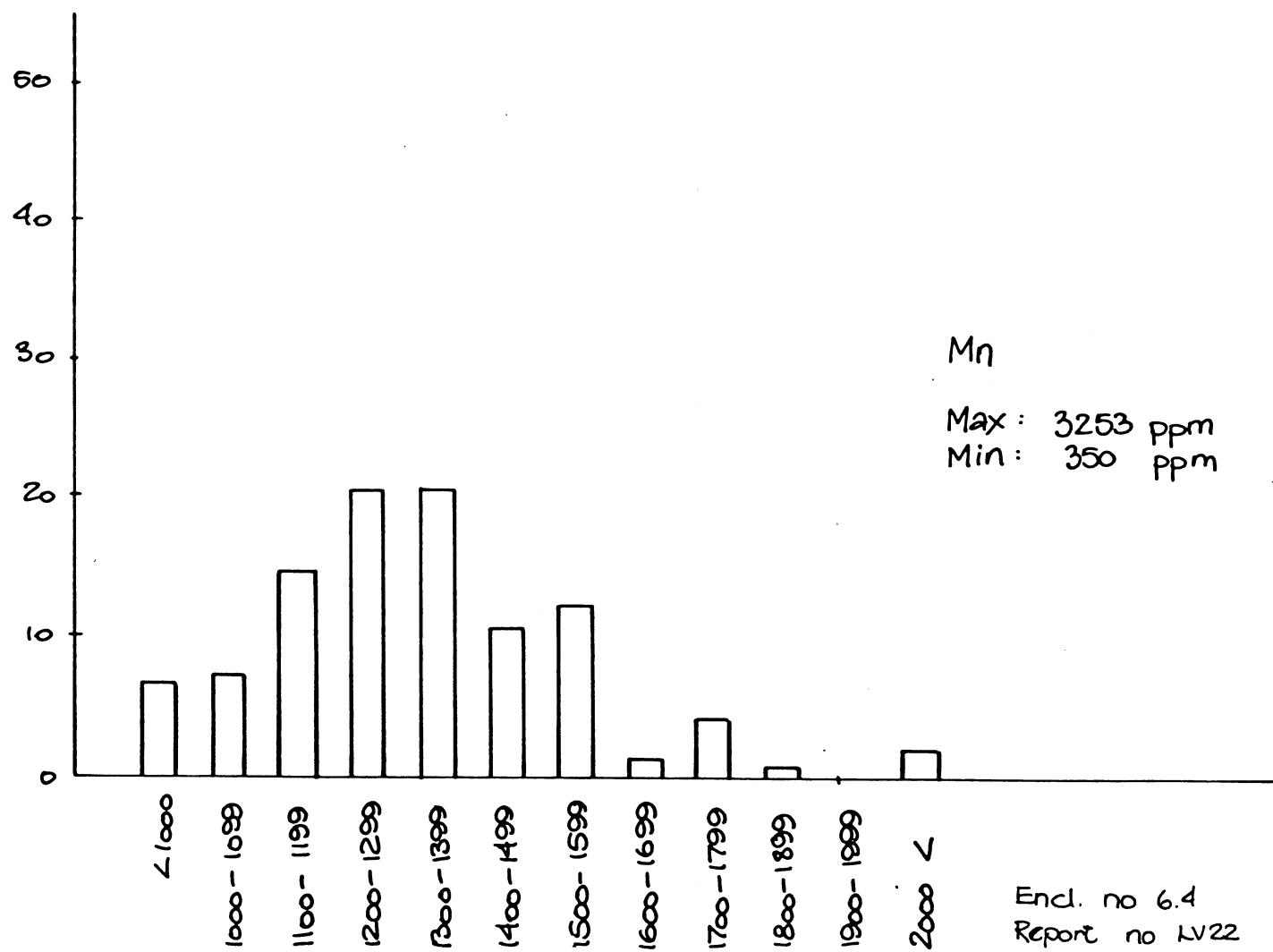
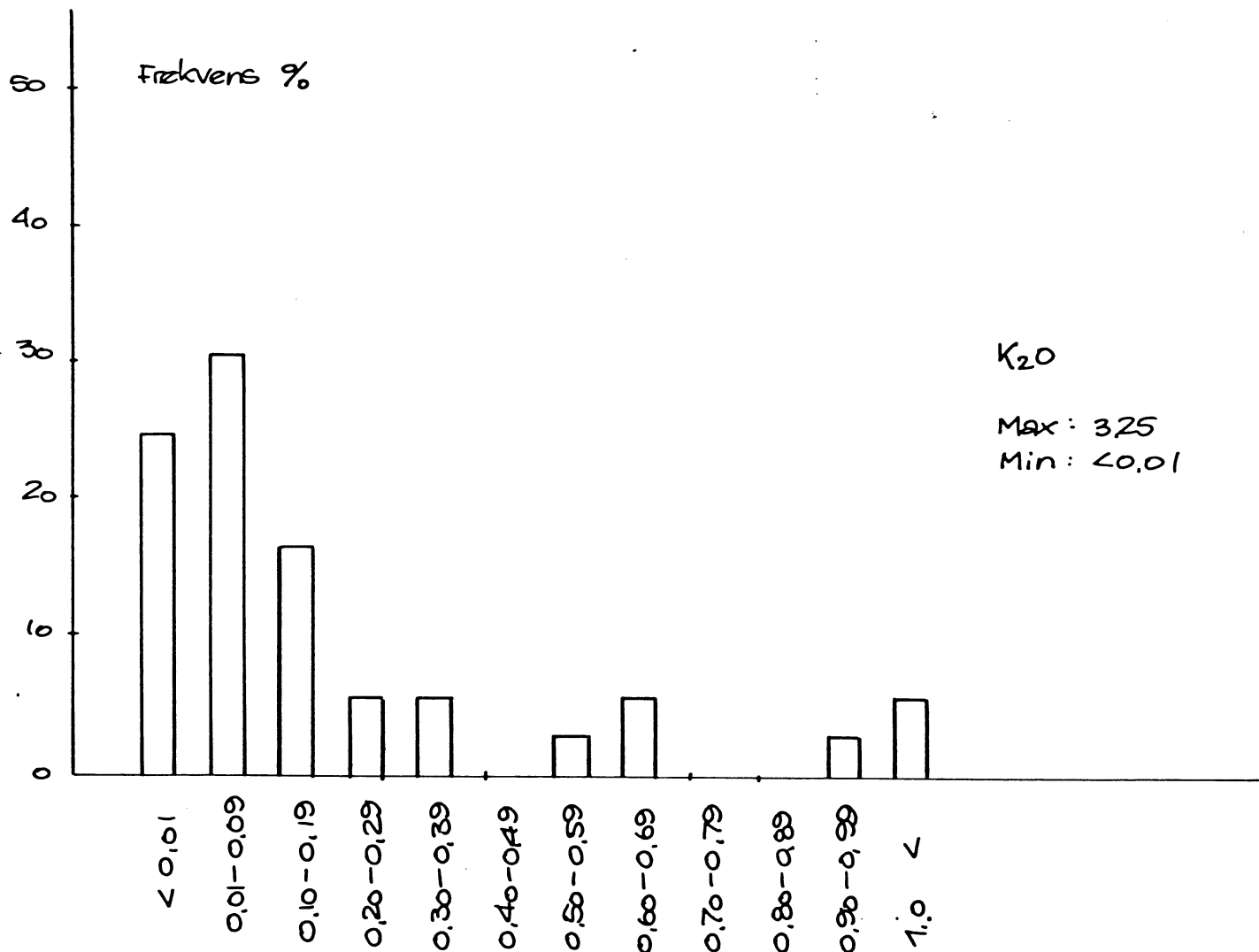
- Upper greenstones / altered
- ▲ Lower greenstones / altered
- Unclear stratigraphic position / altered

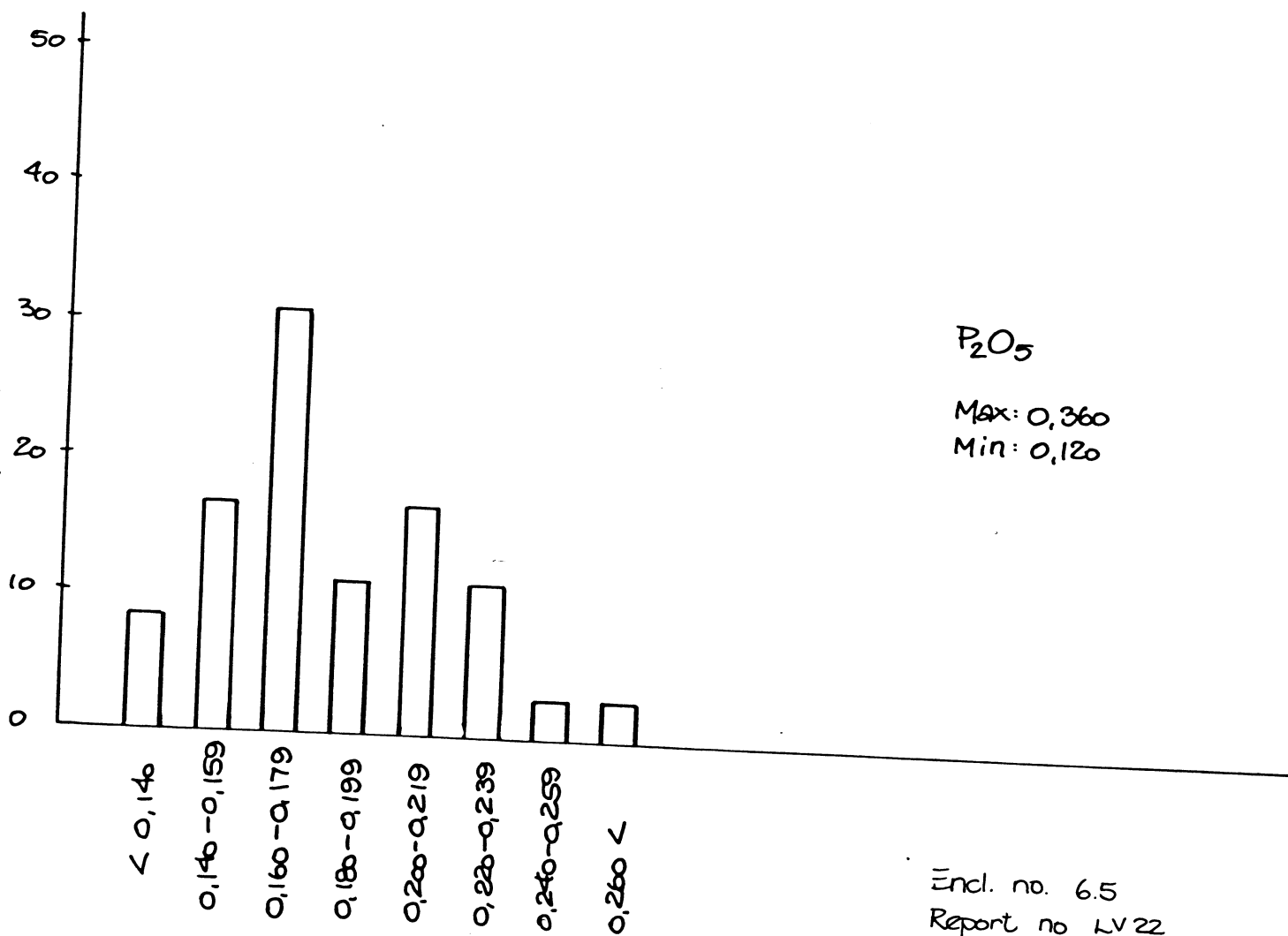
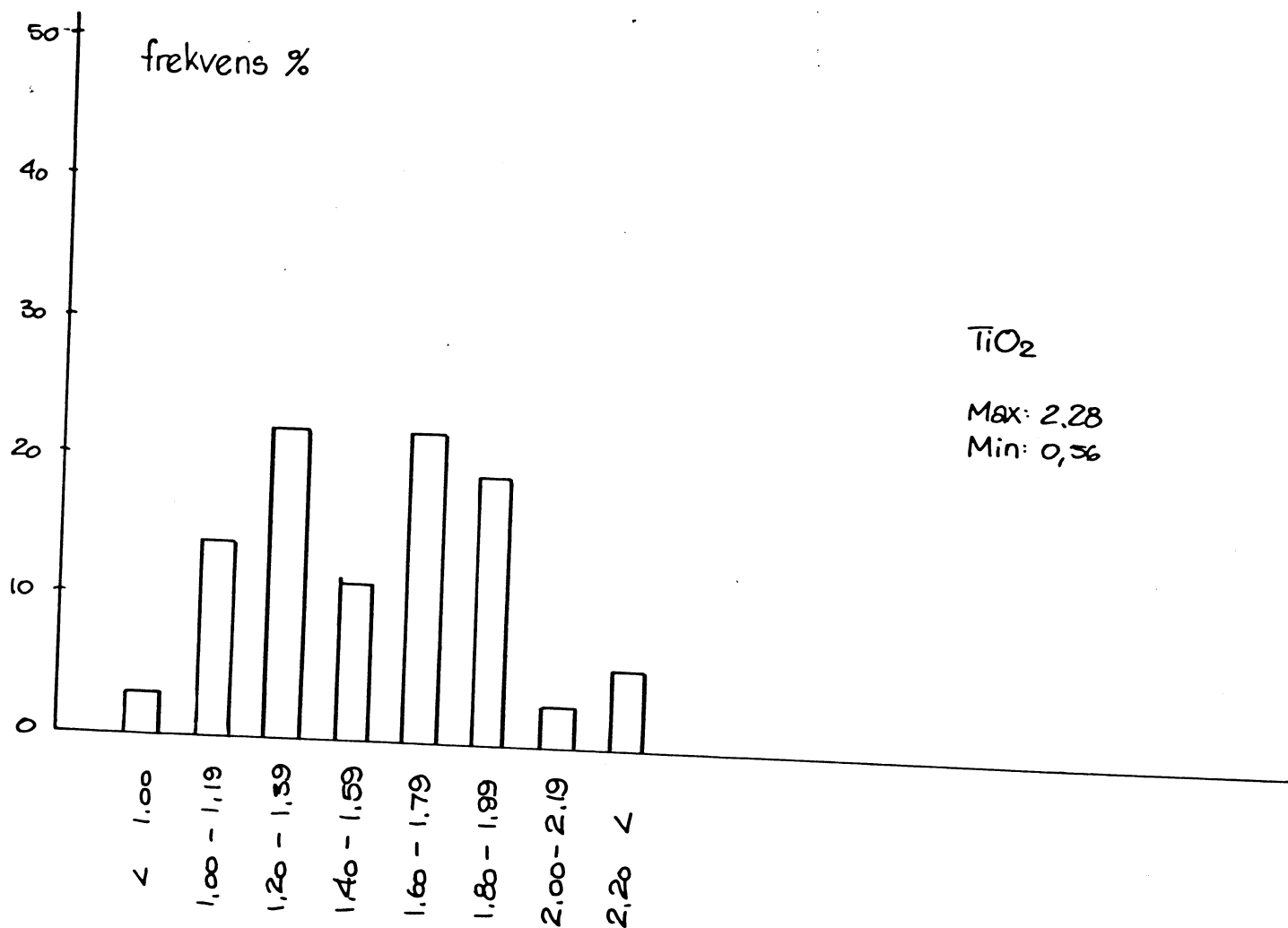


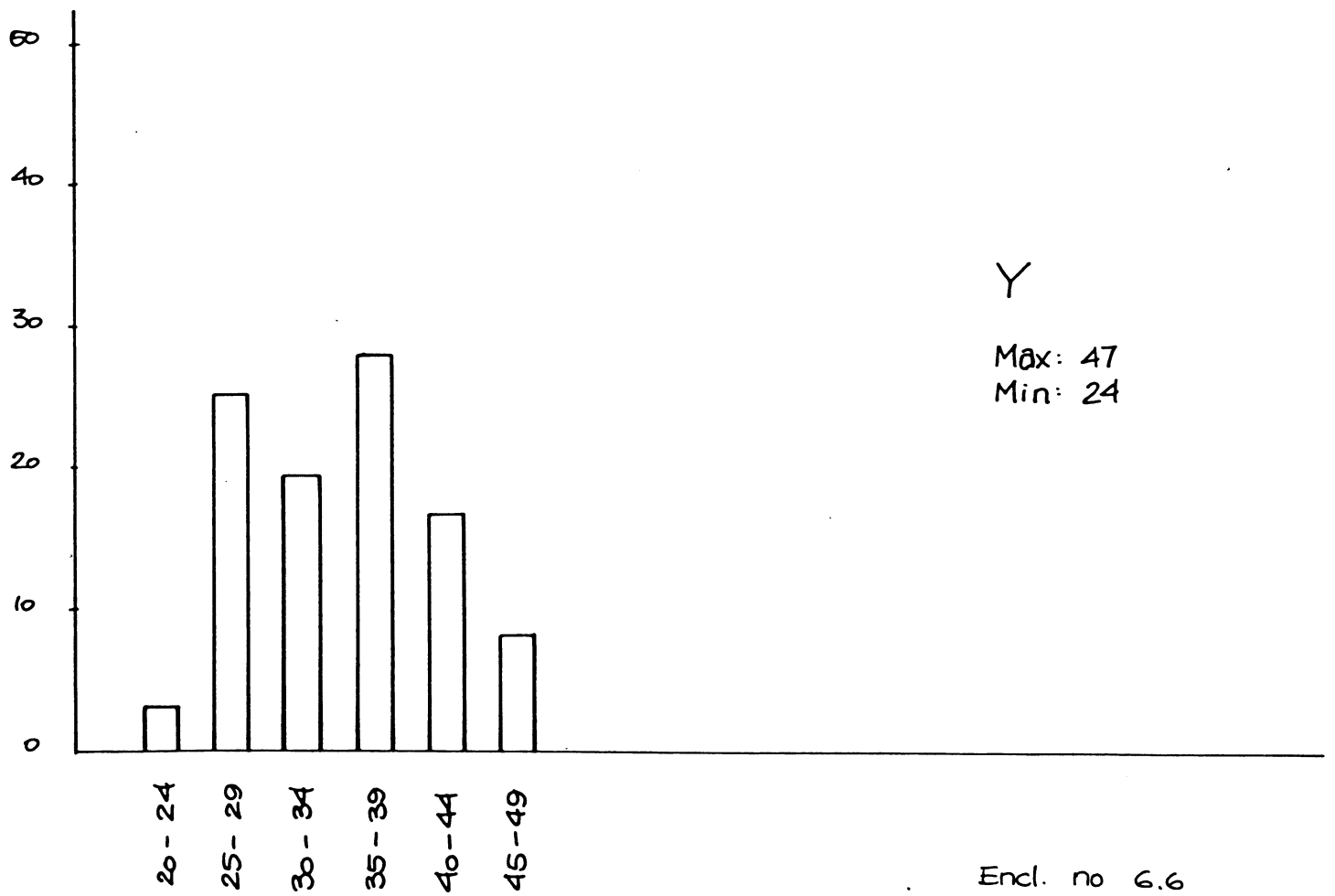
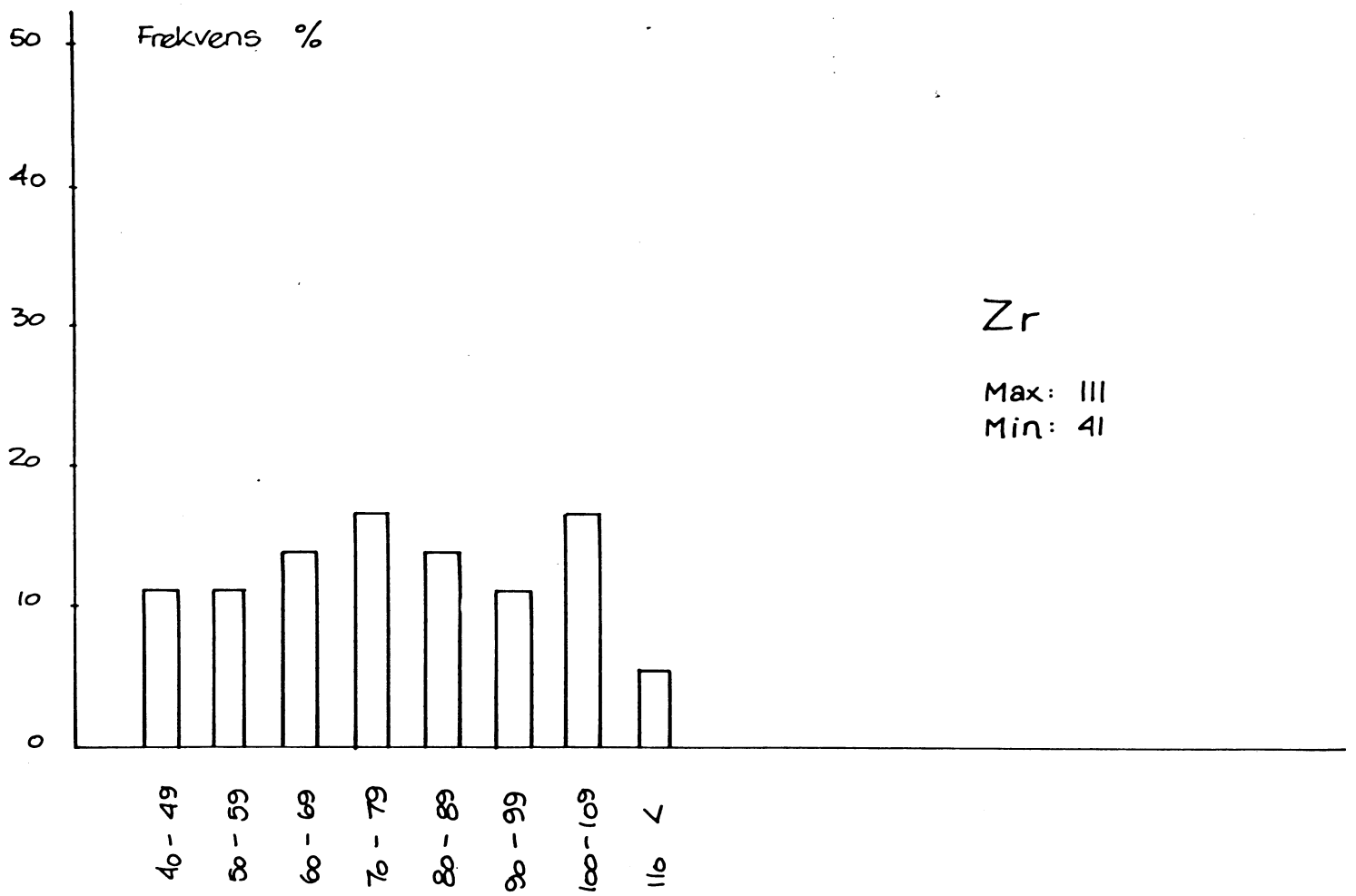


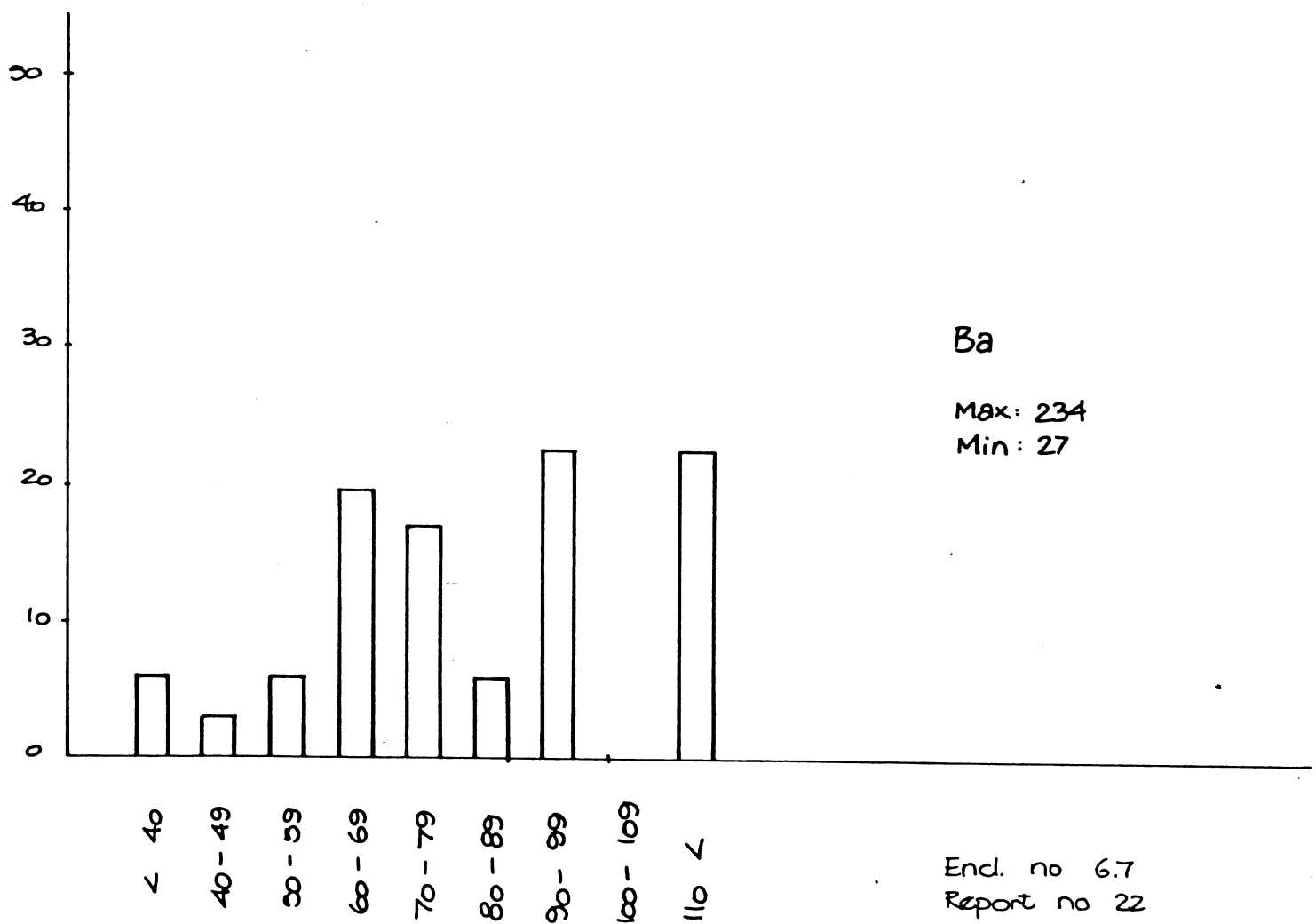
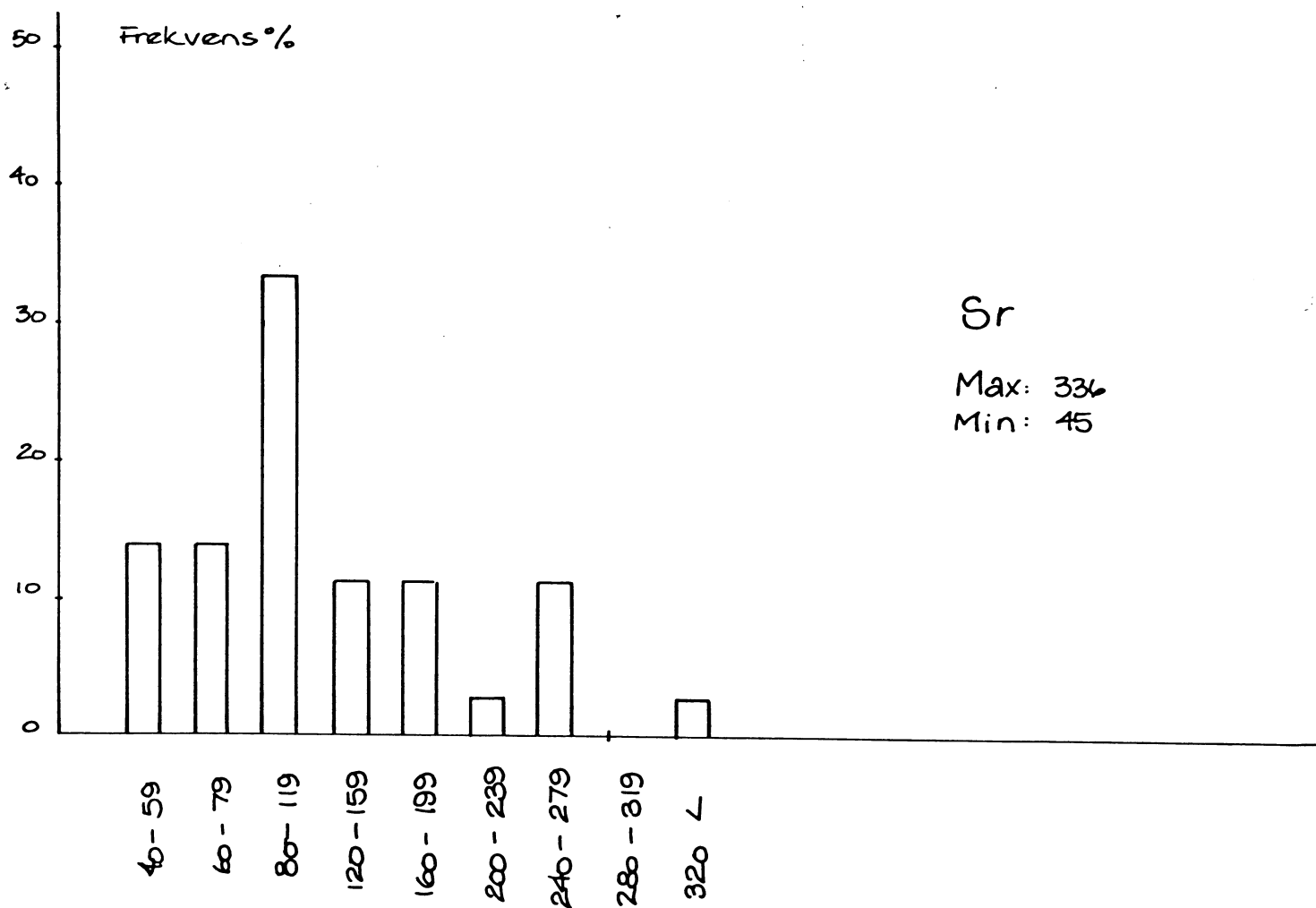


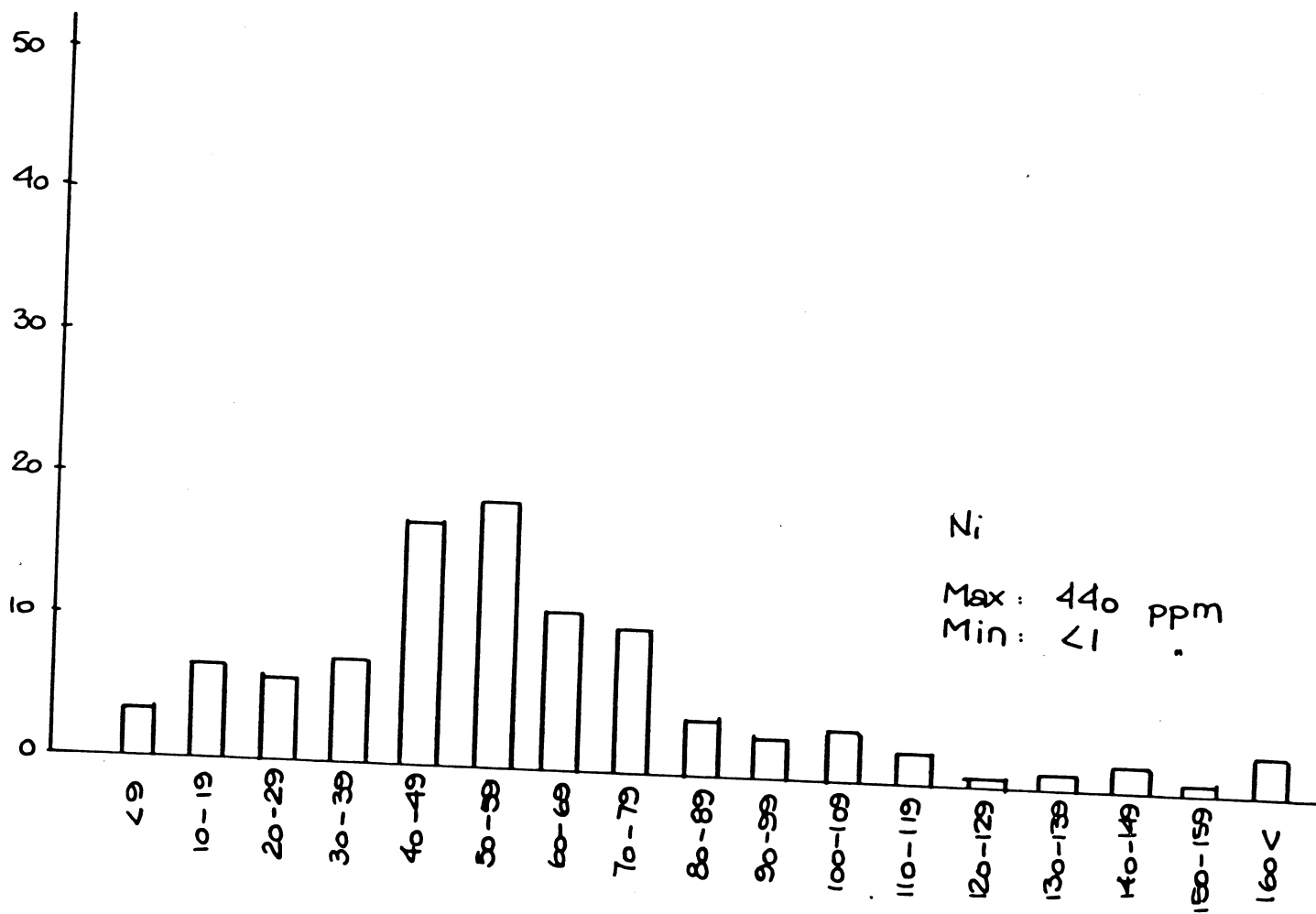
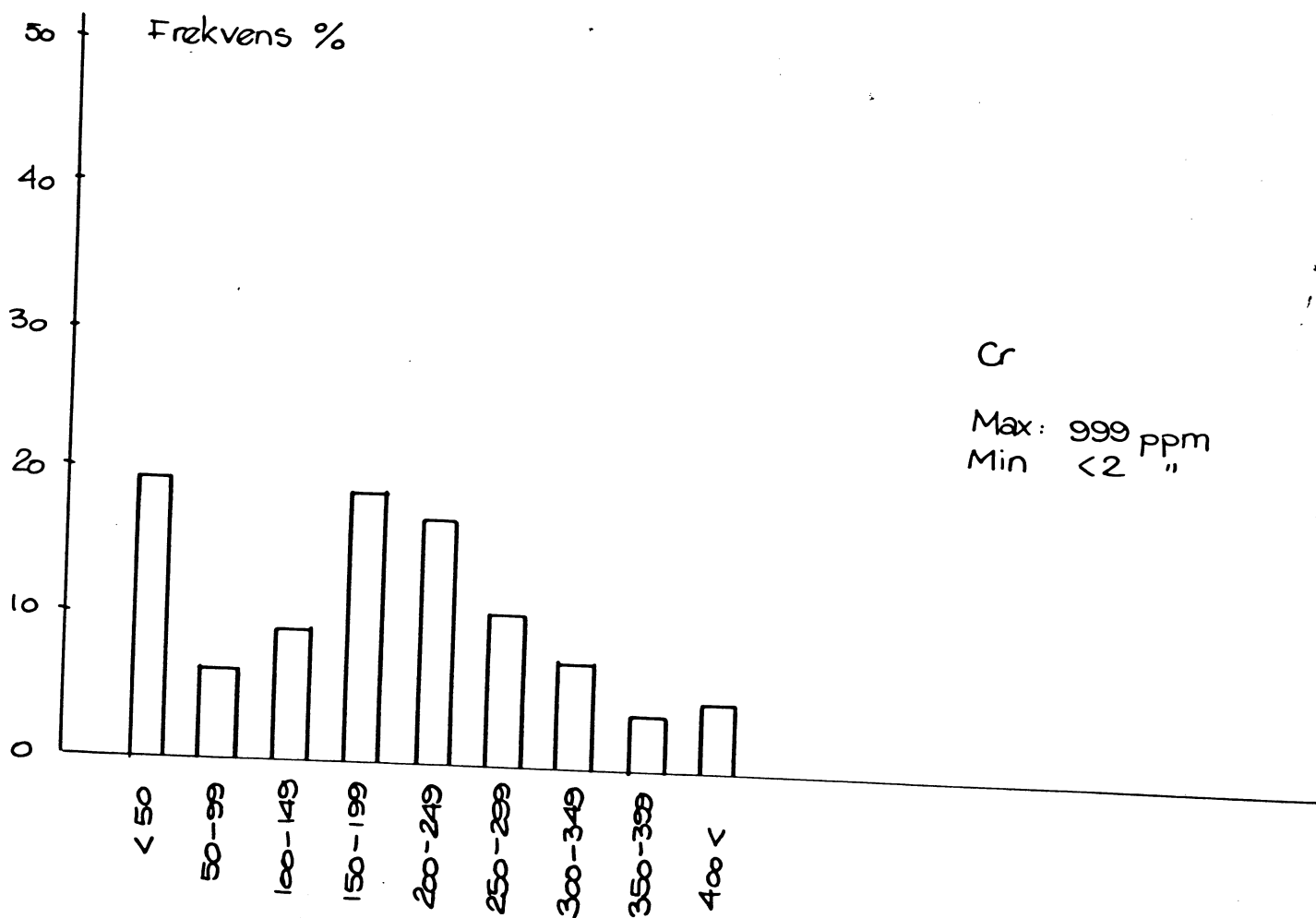


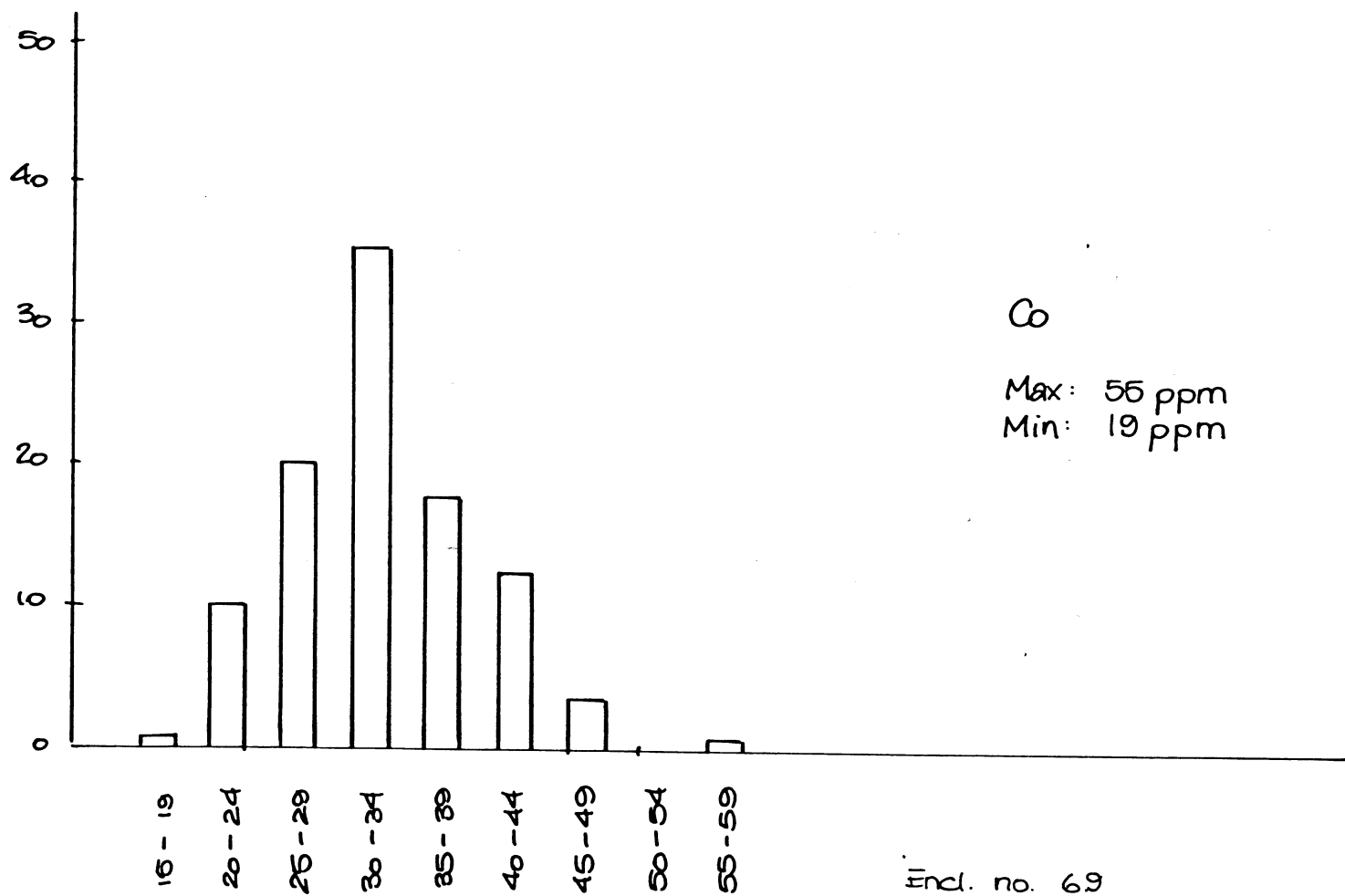
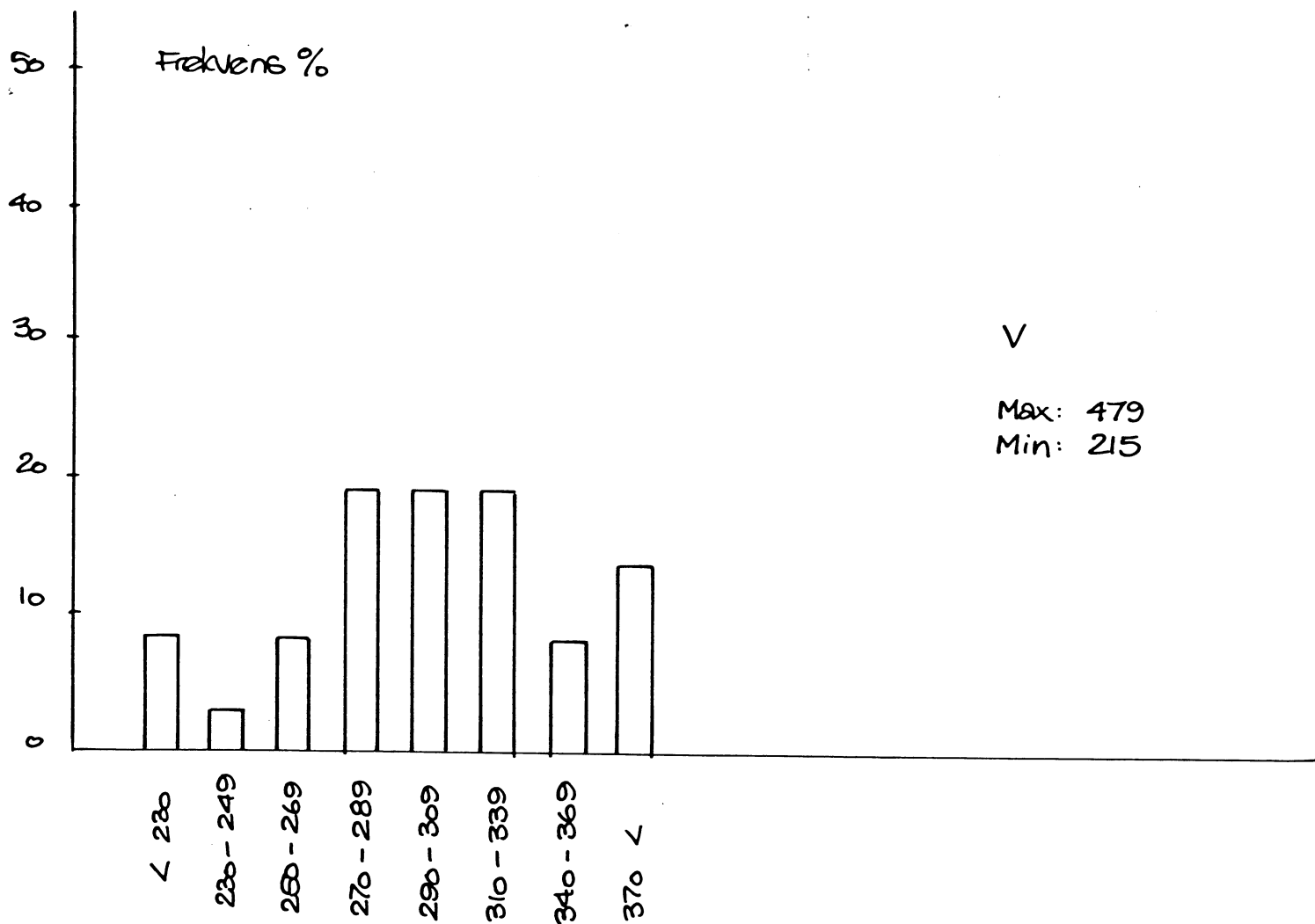


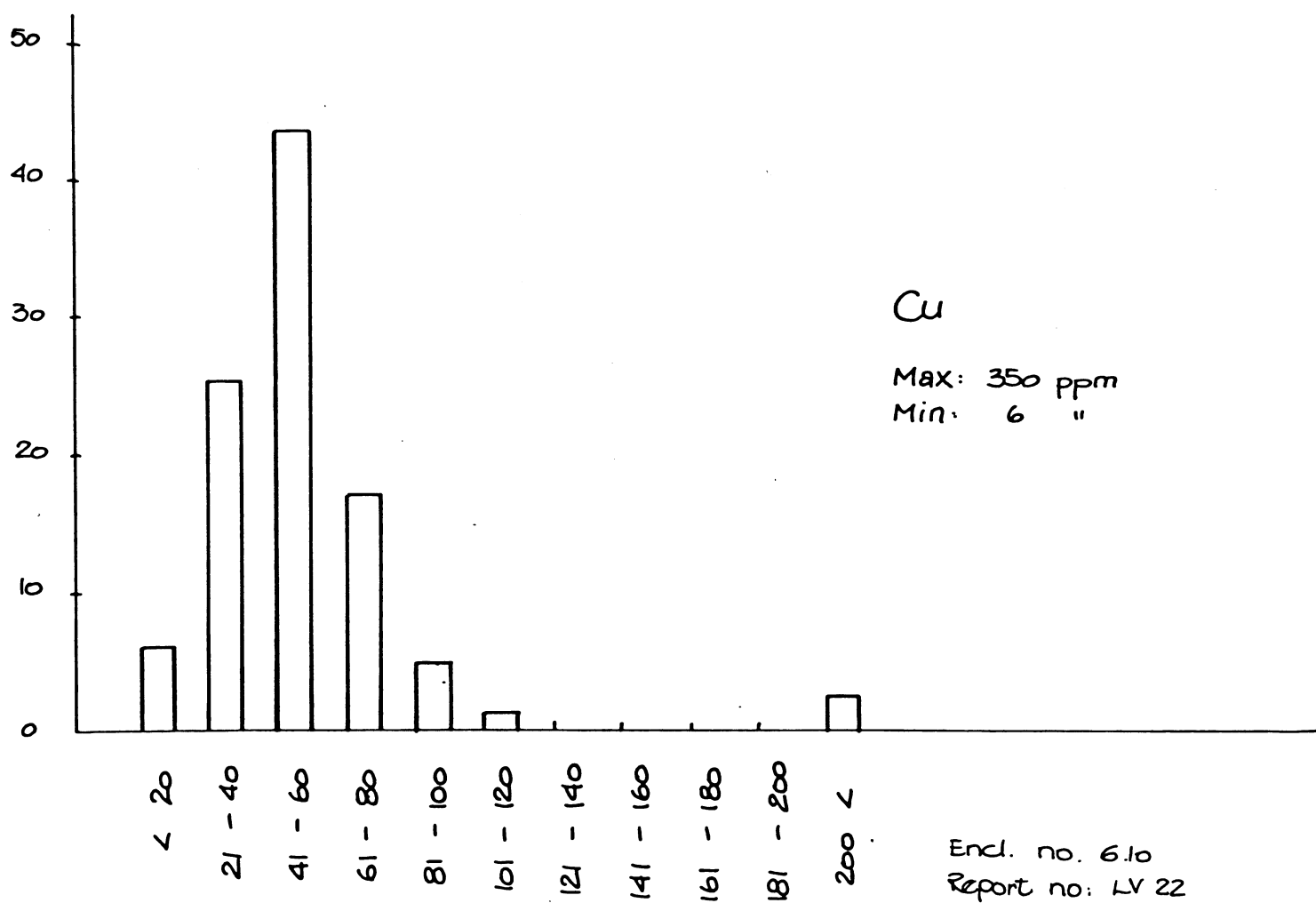
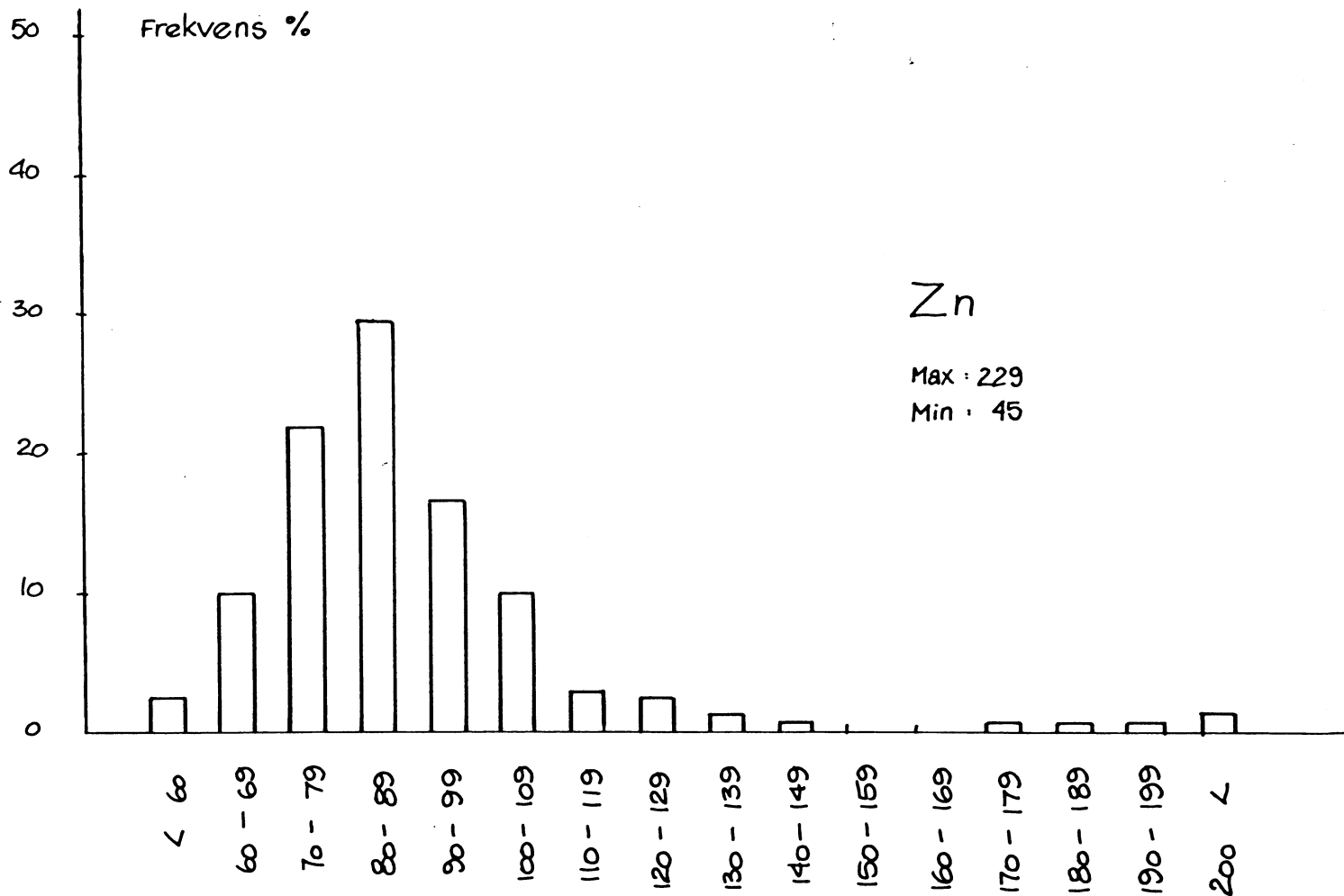


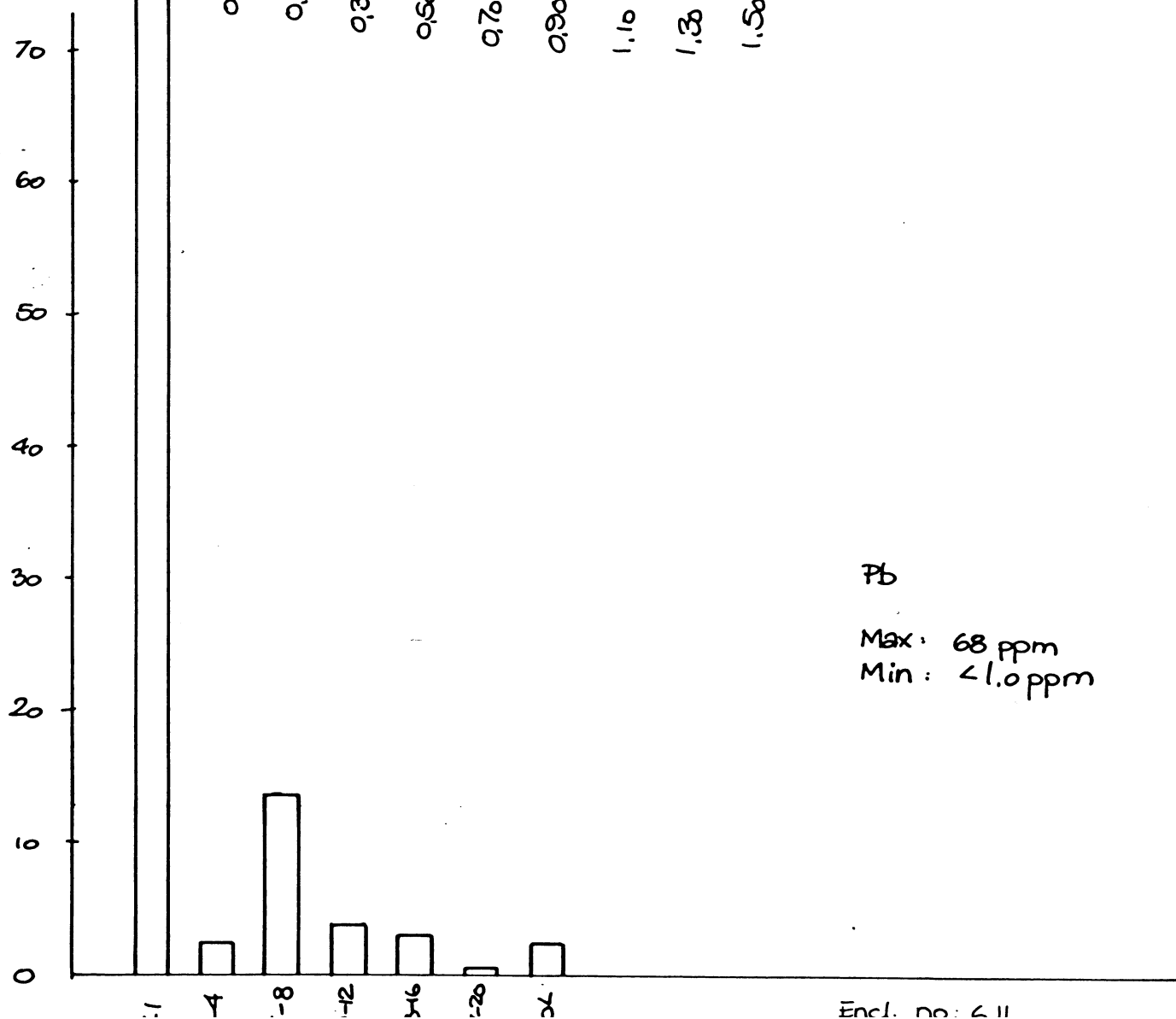
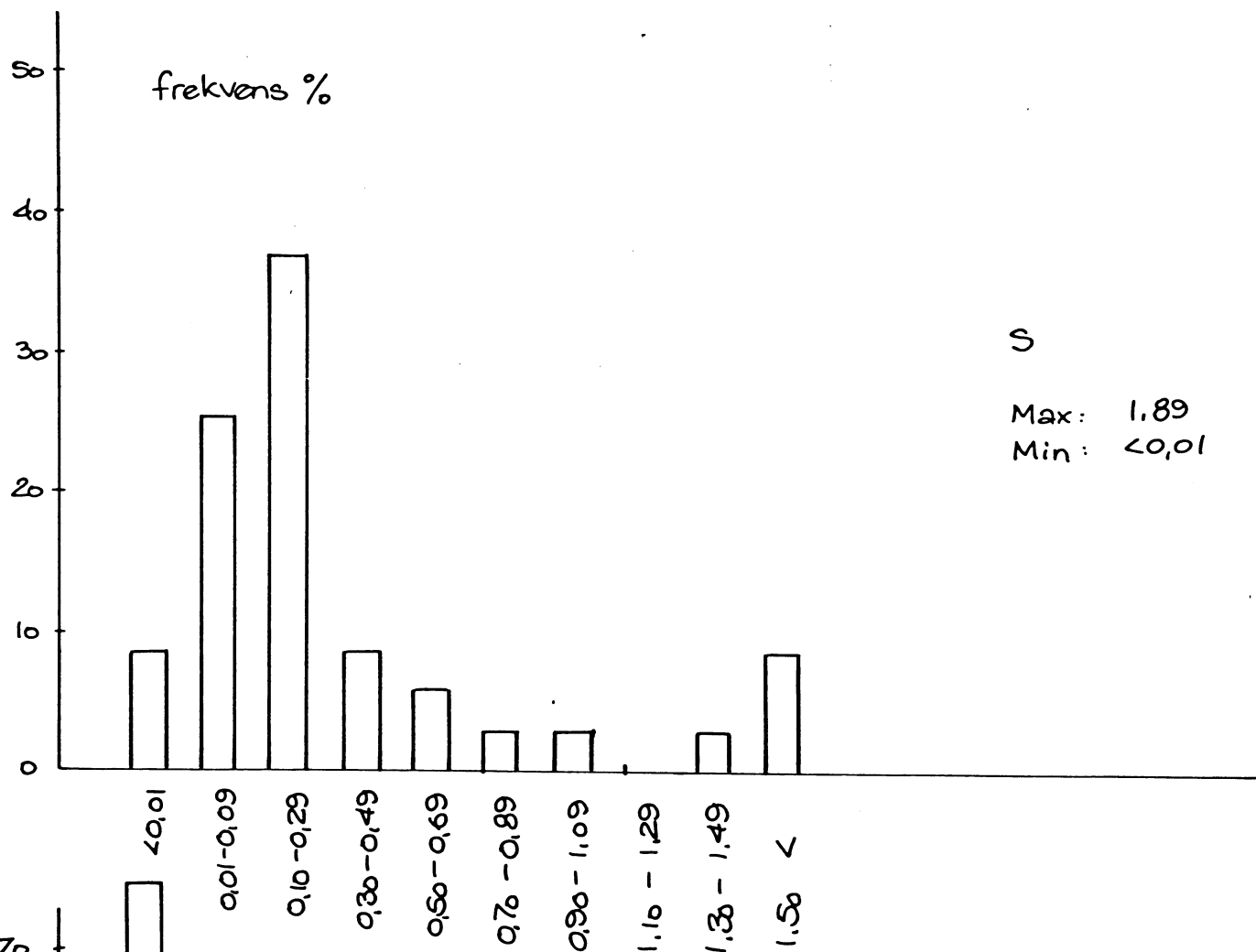


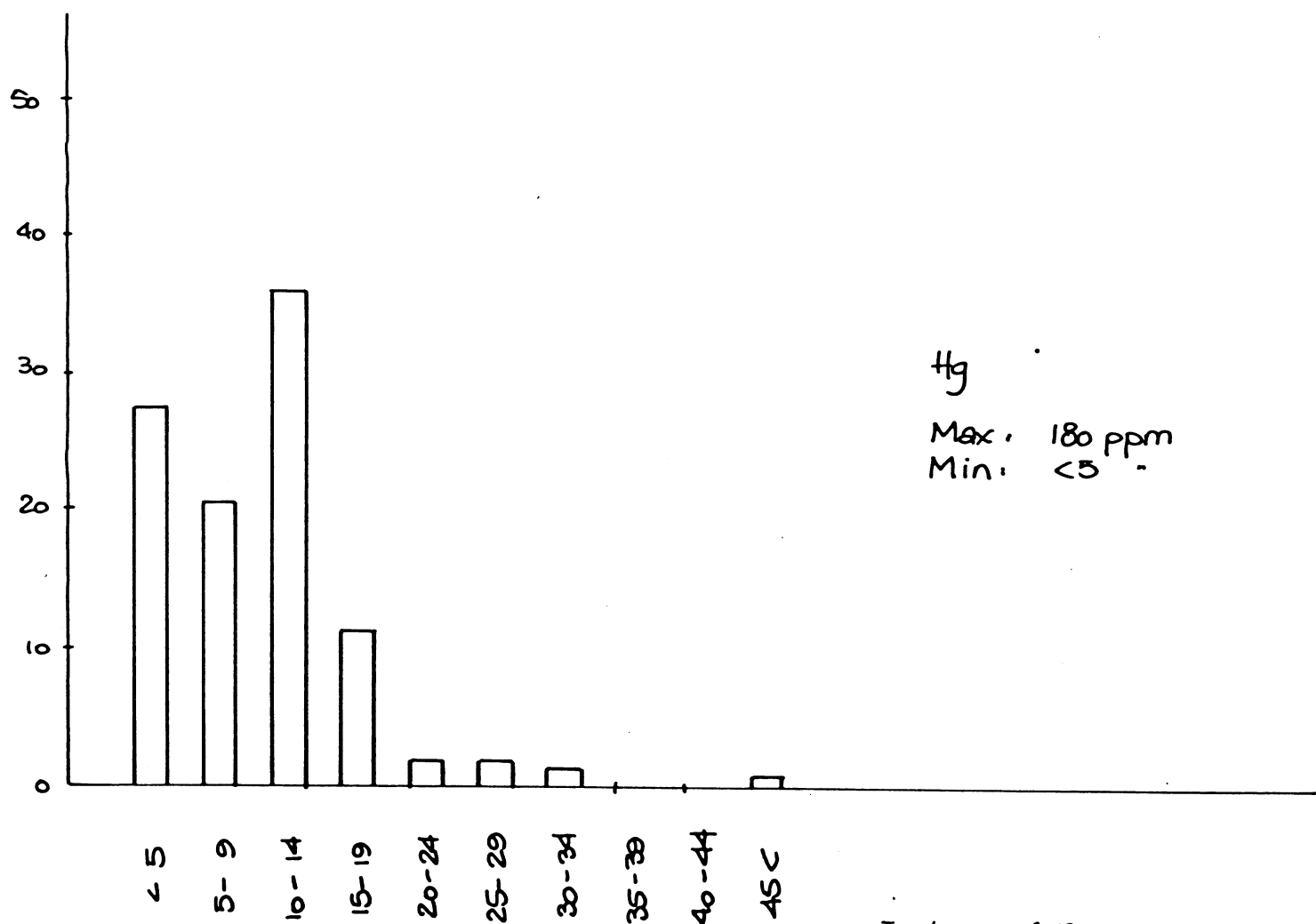
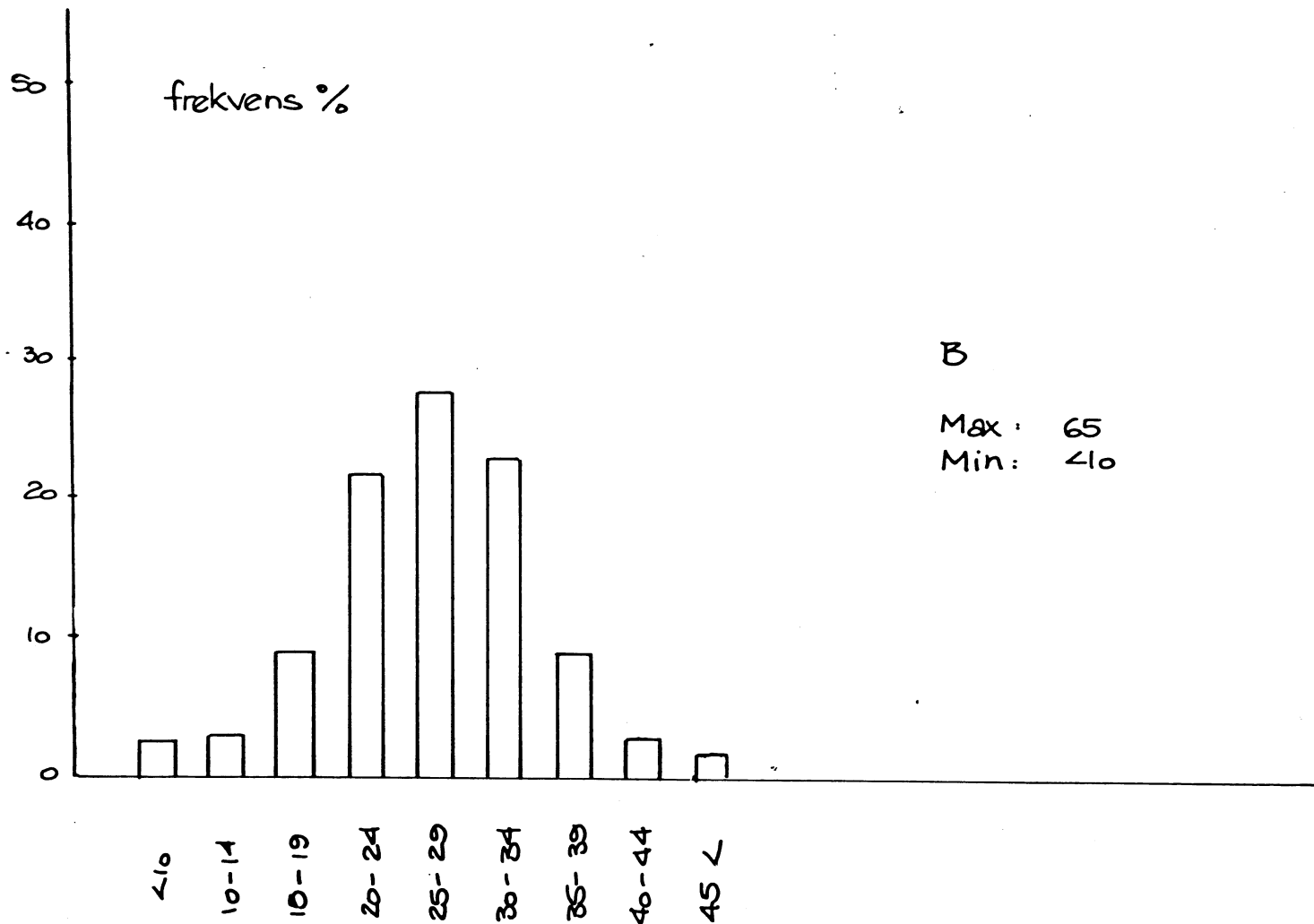




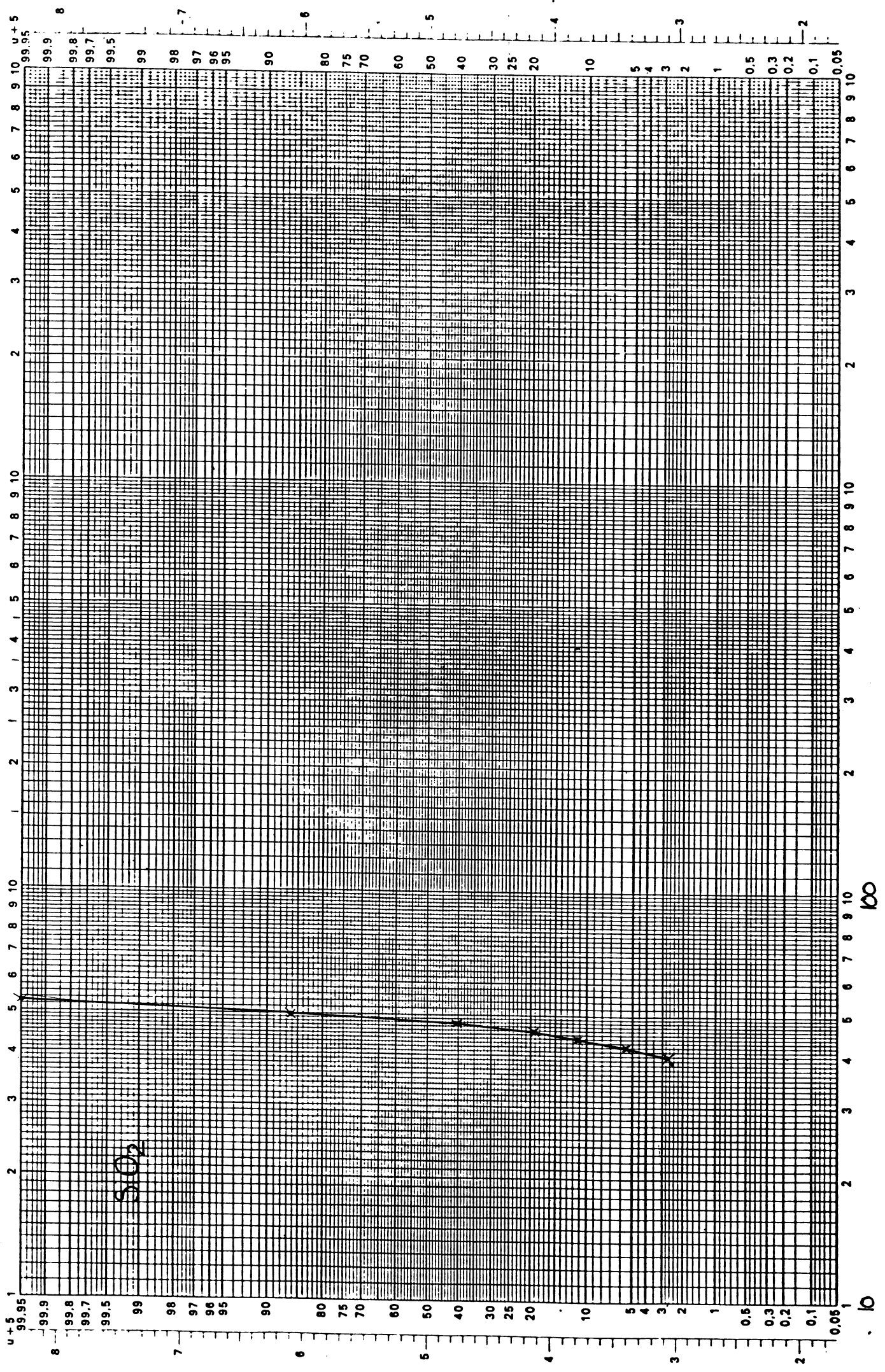


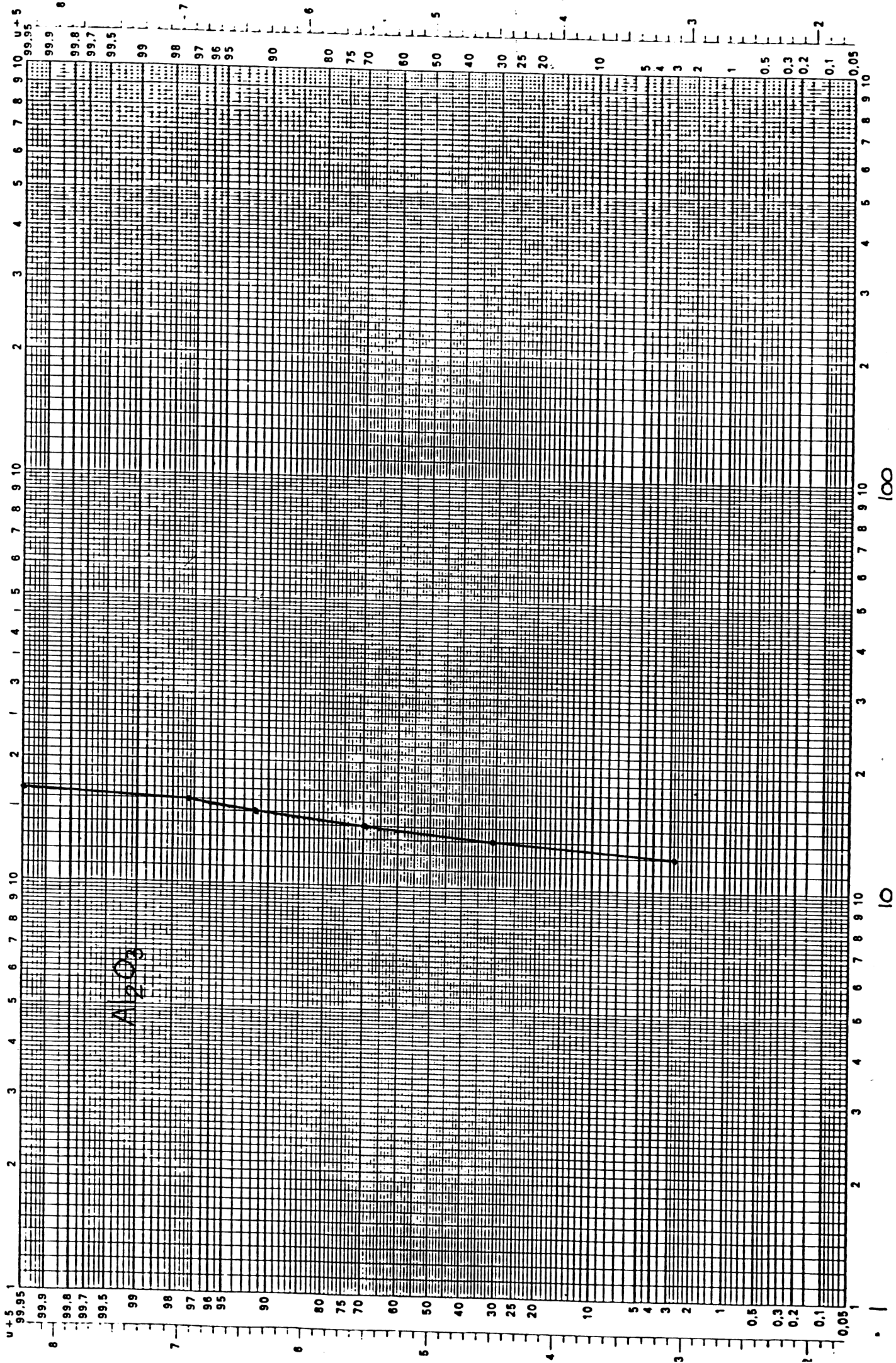


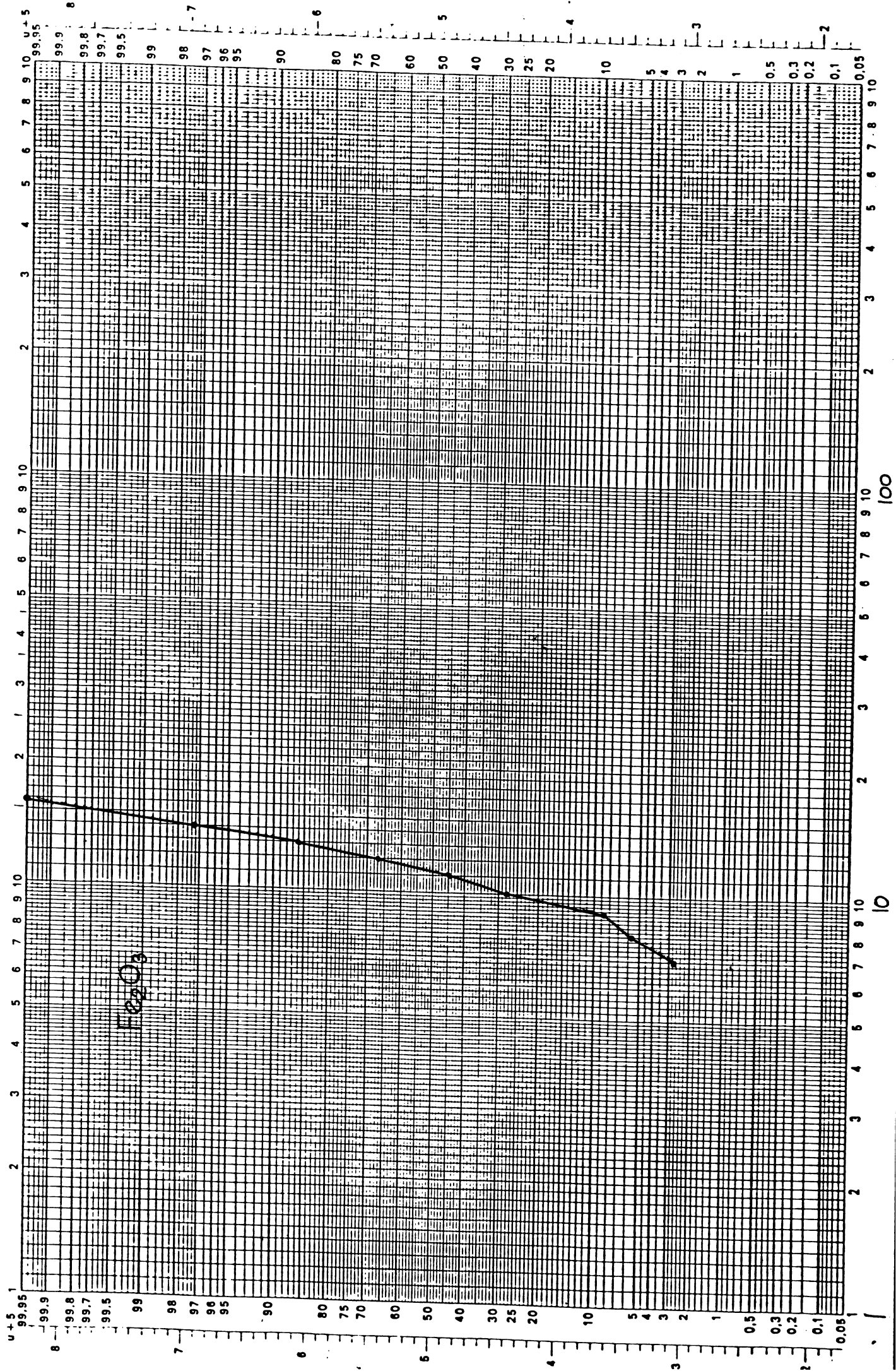




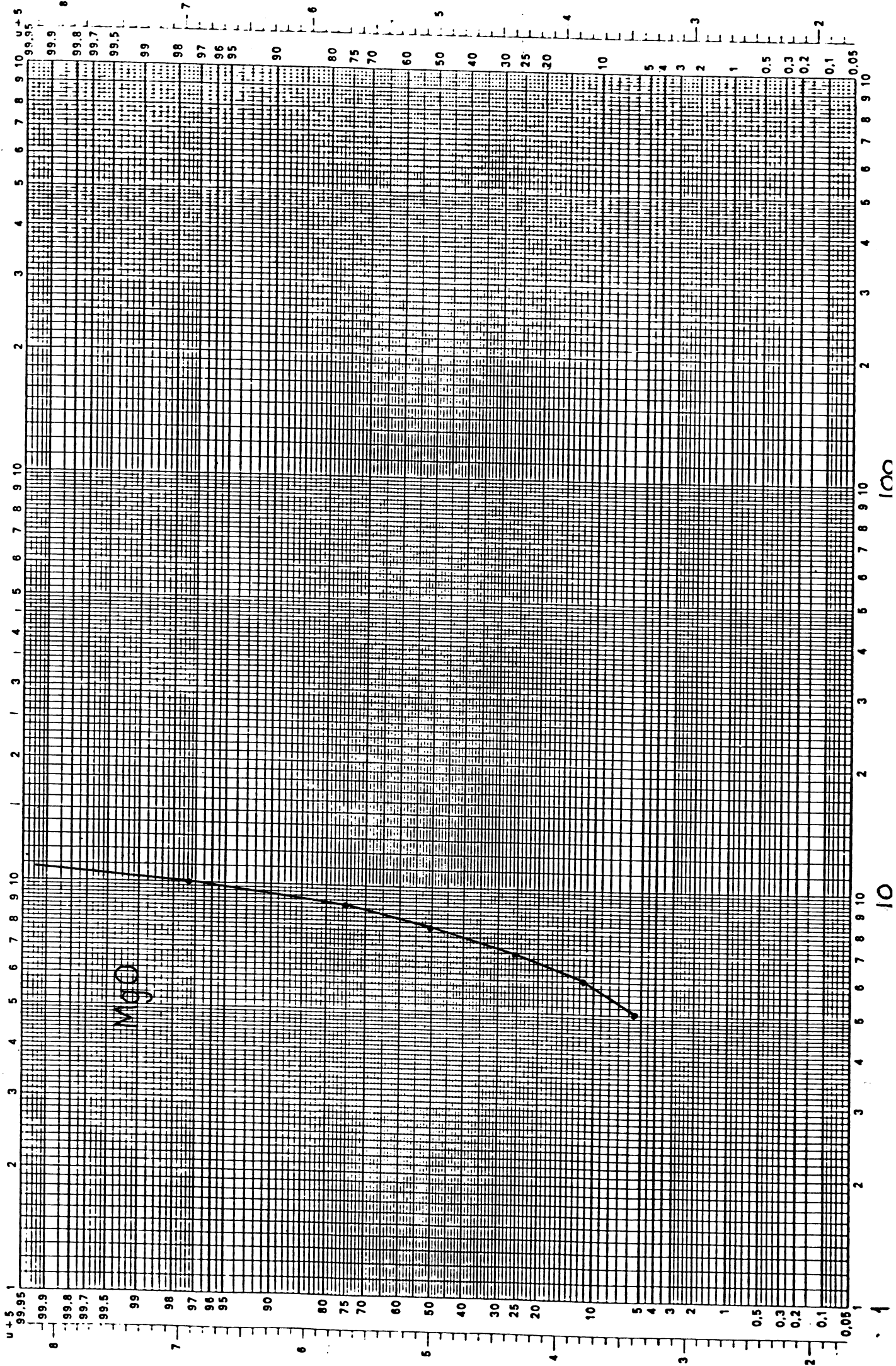
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Report no : LV 22







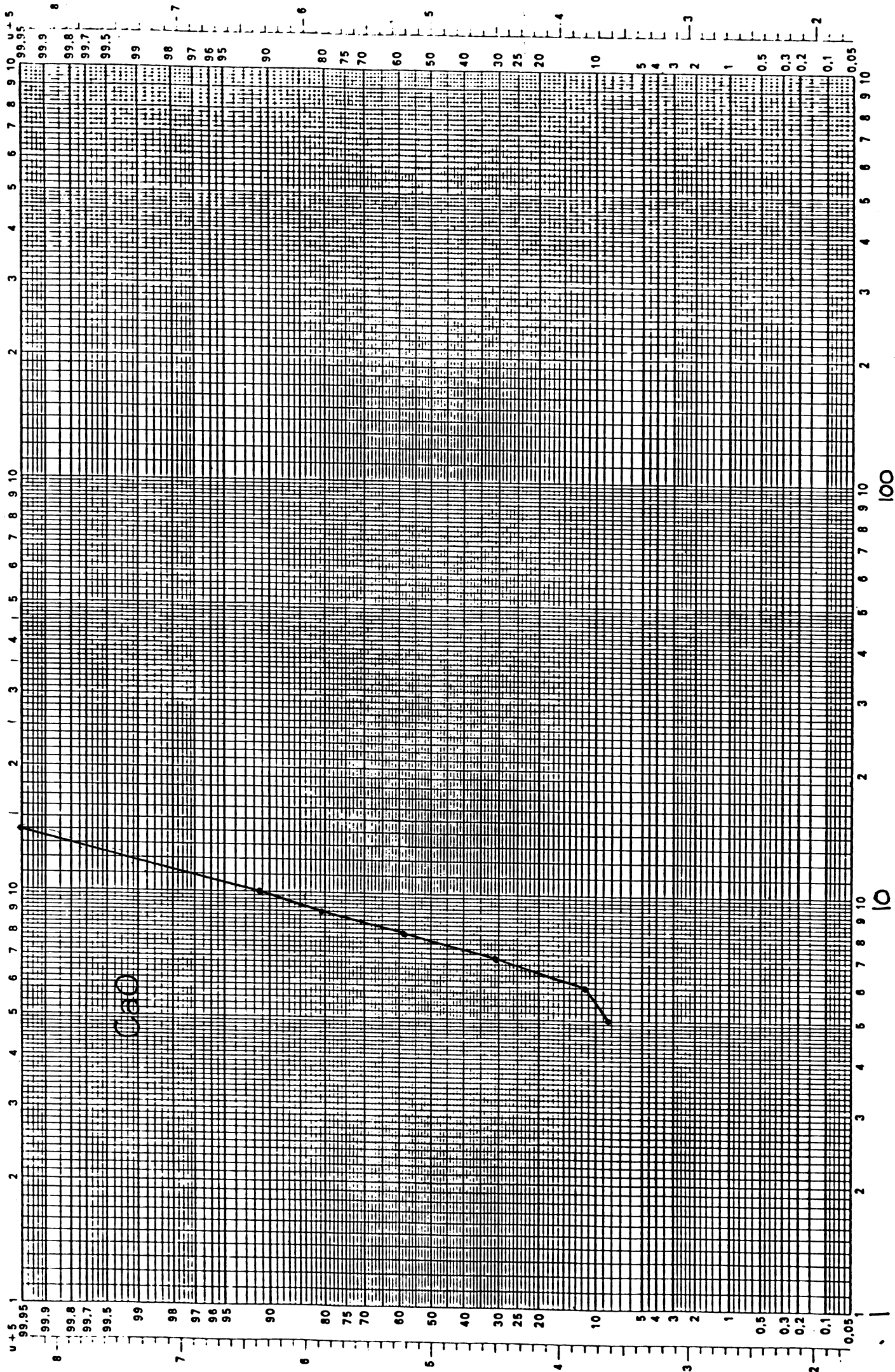
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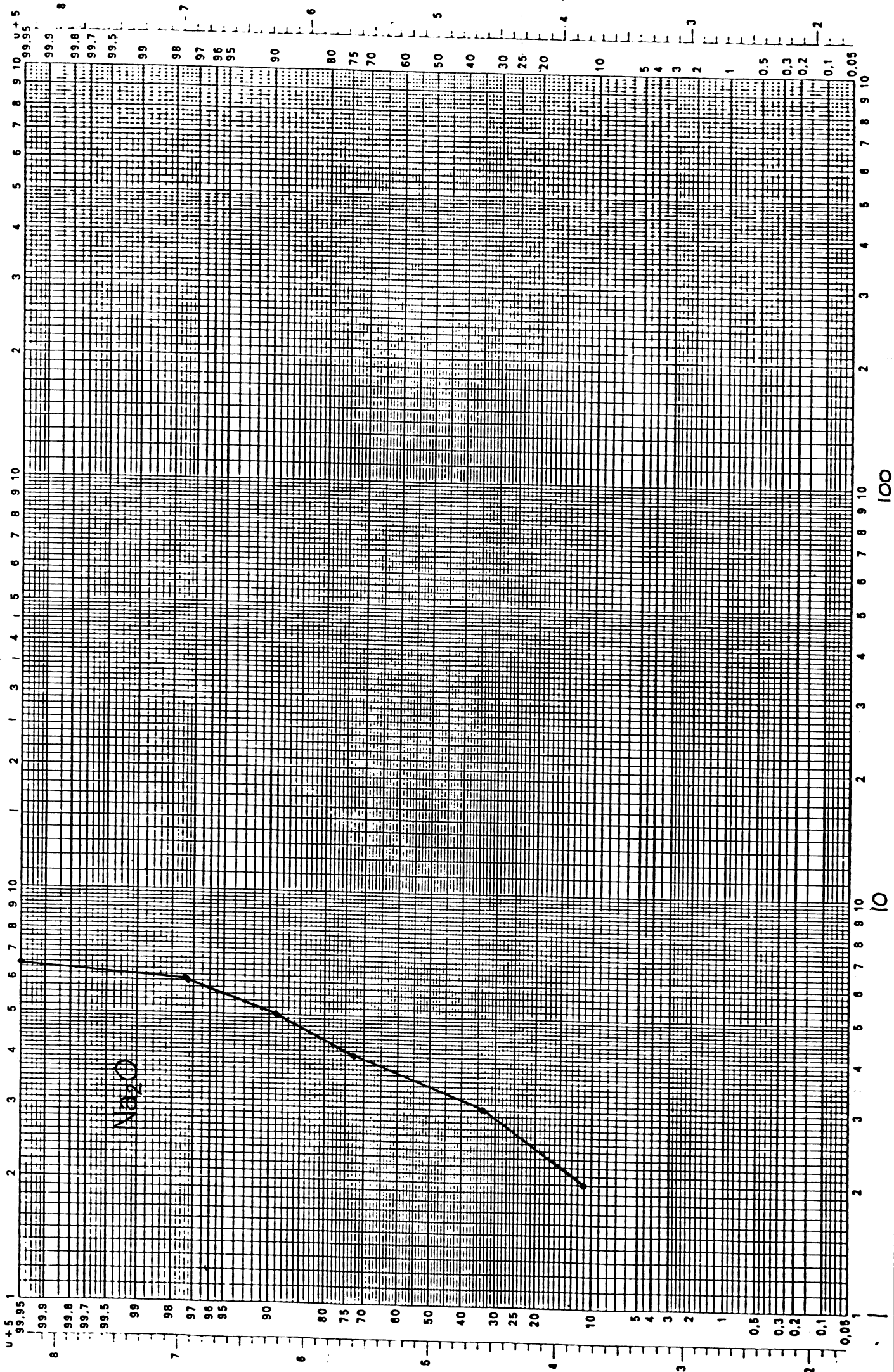


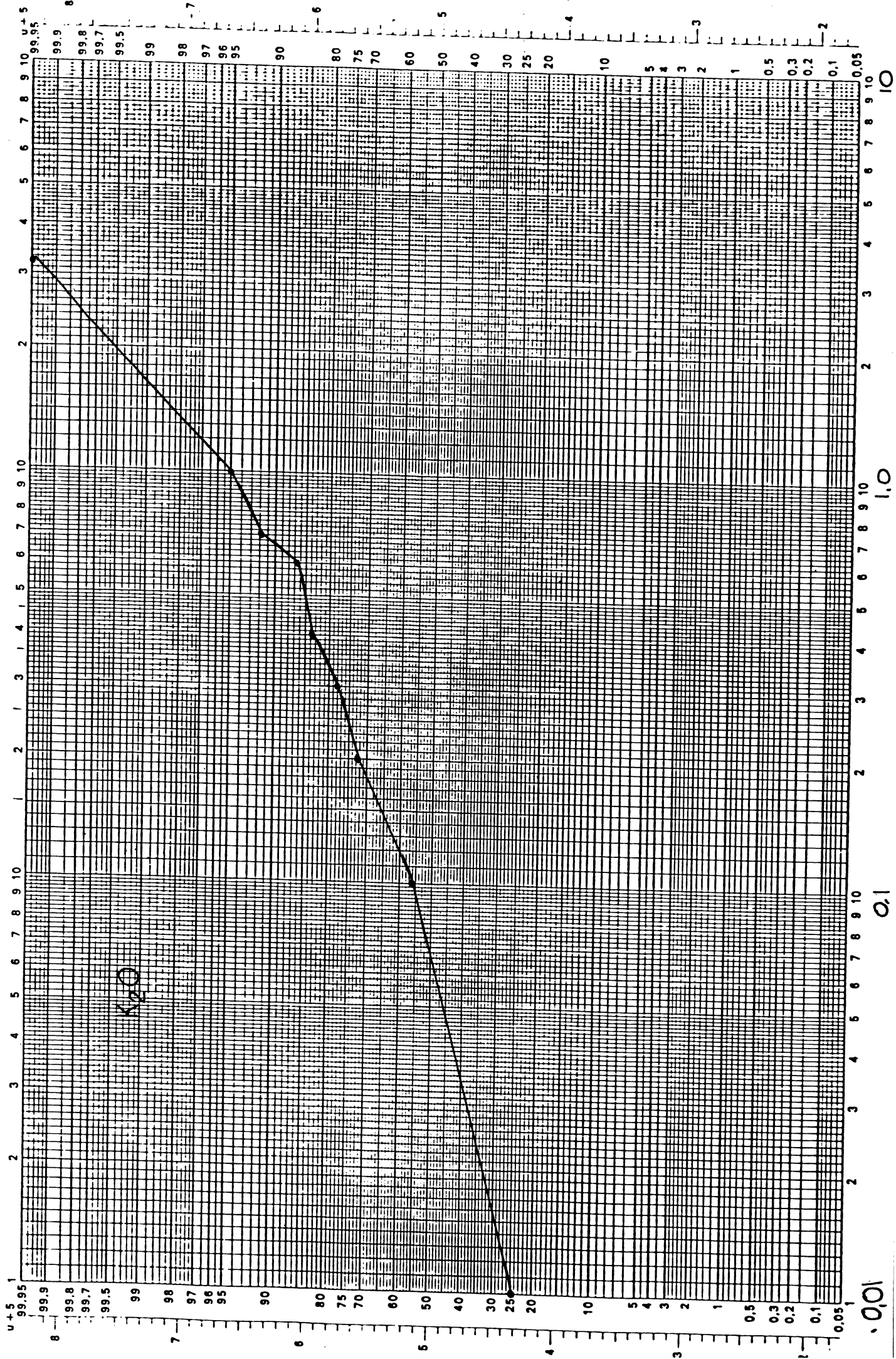
09-8
CRUSS
8333

Encl. no : 7.5
Report no : LV 22



Encl. no: 7.6
Report no: LV 22



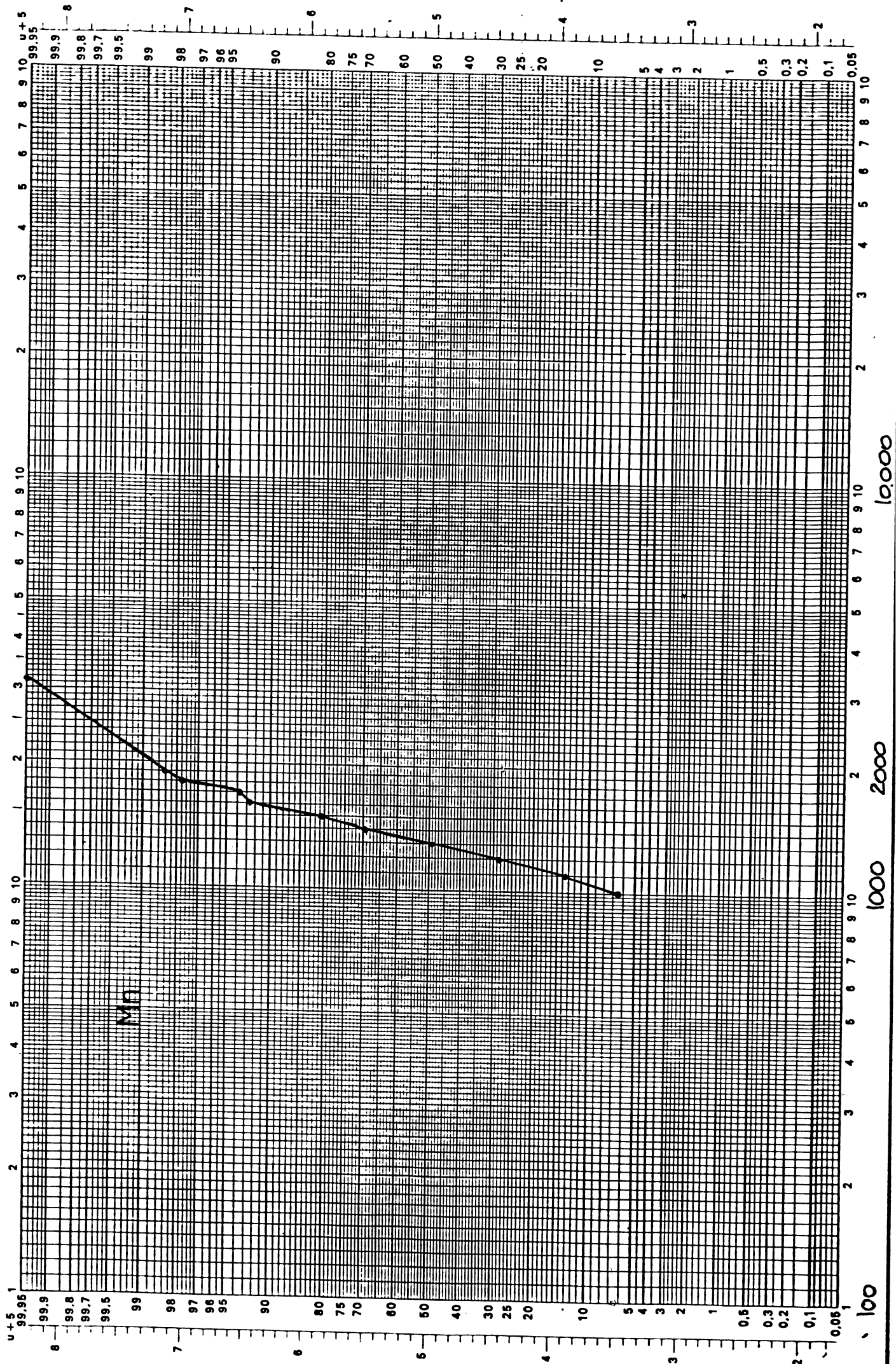




109-8

X Gauss
A 8333

Encl. no : 7.8
Report no : LV 22

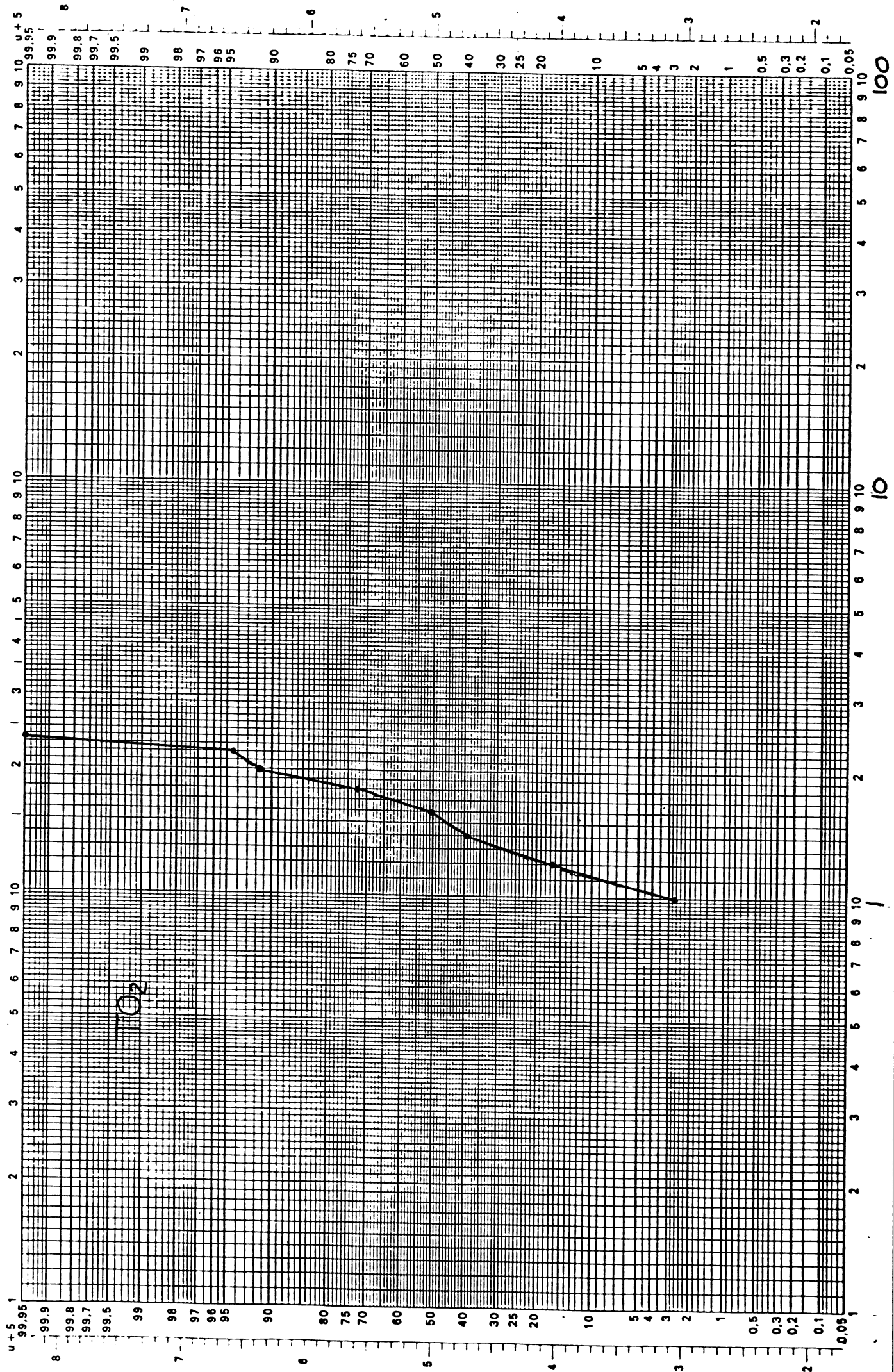




2109-8

* Gauss
dul 83,33

End. no: 7.9
Report no: LV 22

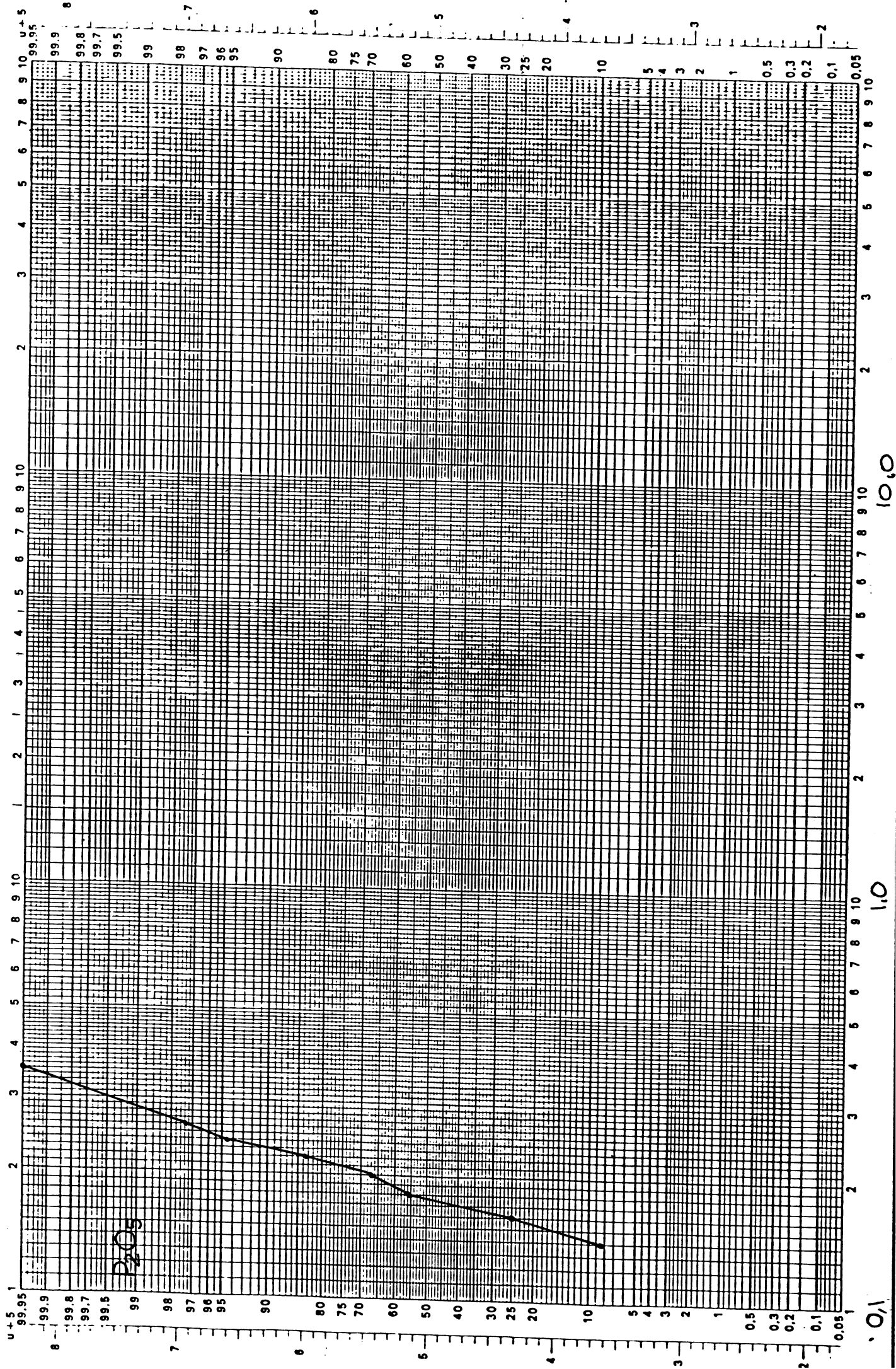




09-8

Gauss
8333

End. no: 7.10
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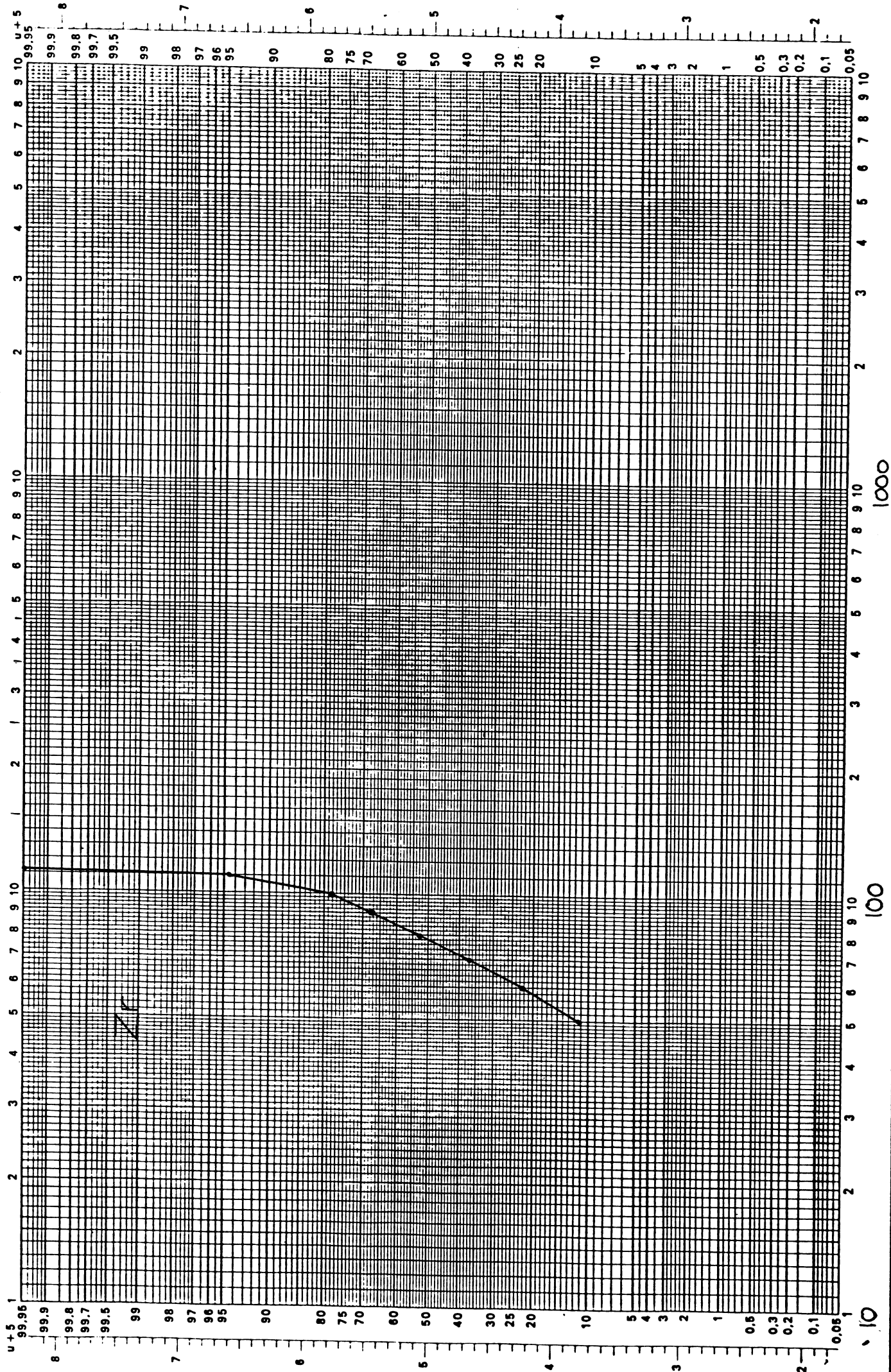




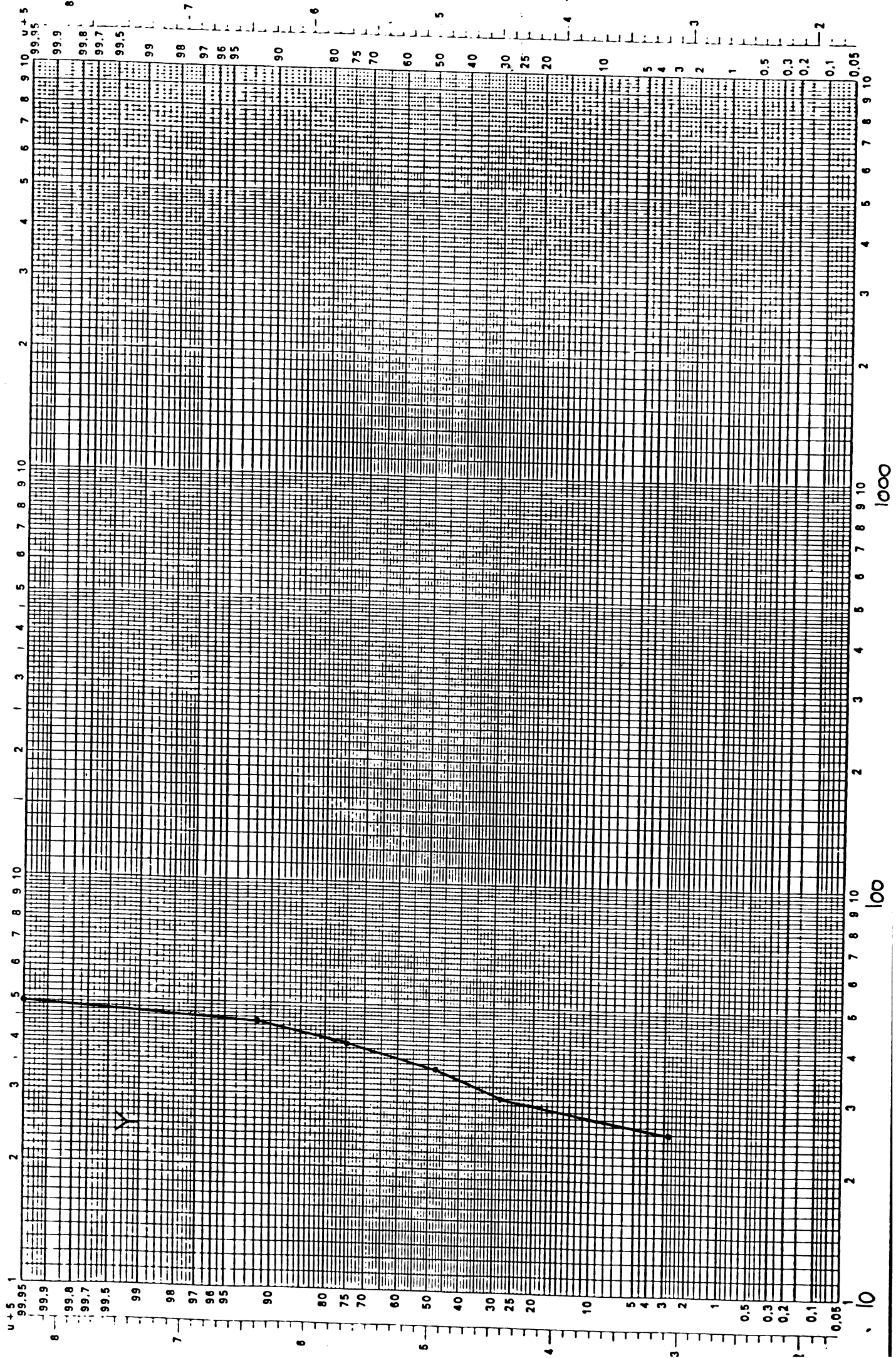
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X Gauss
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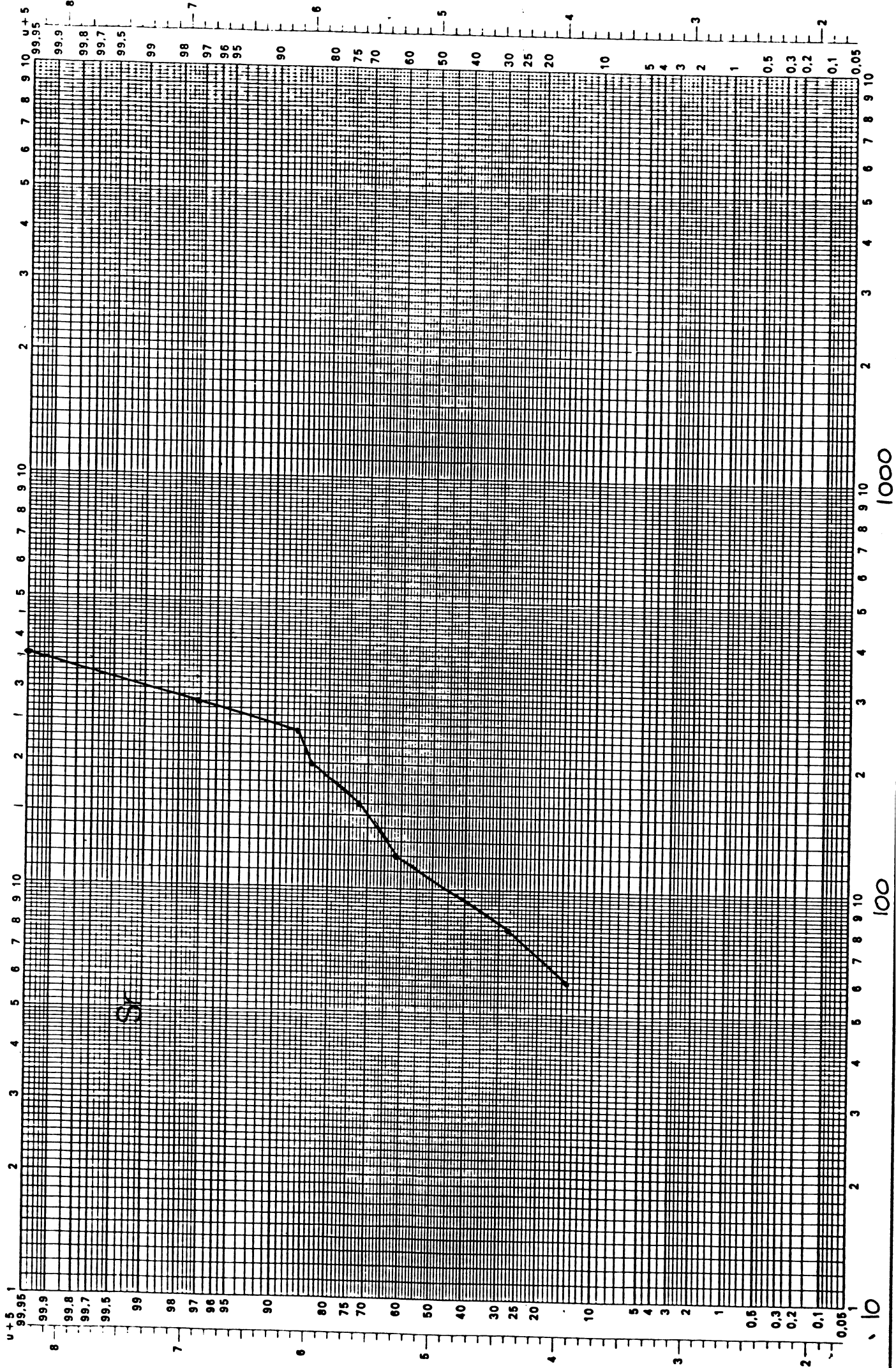




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X GAUSS
U 8333

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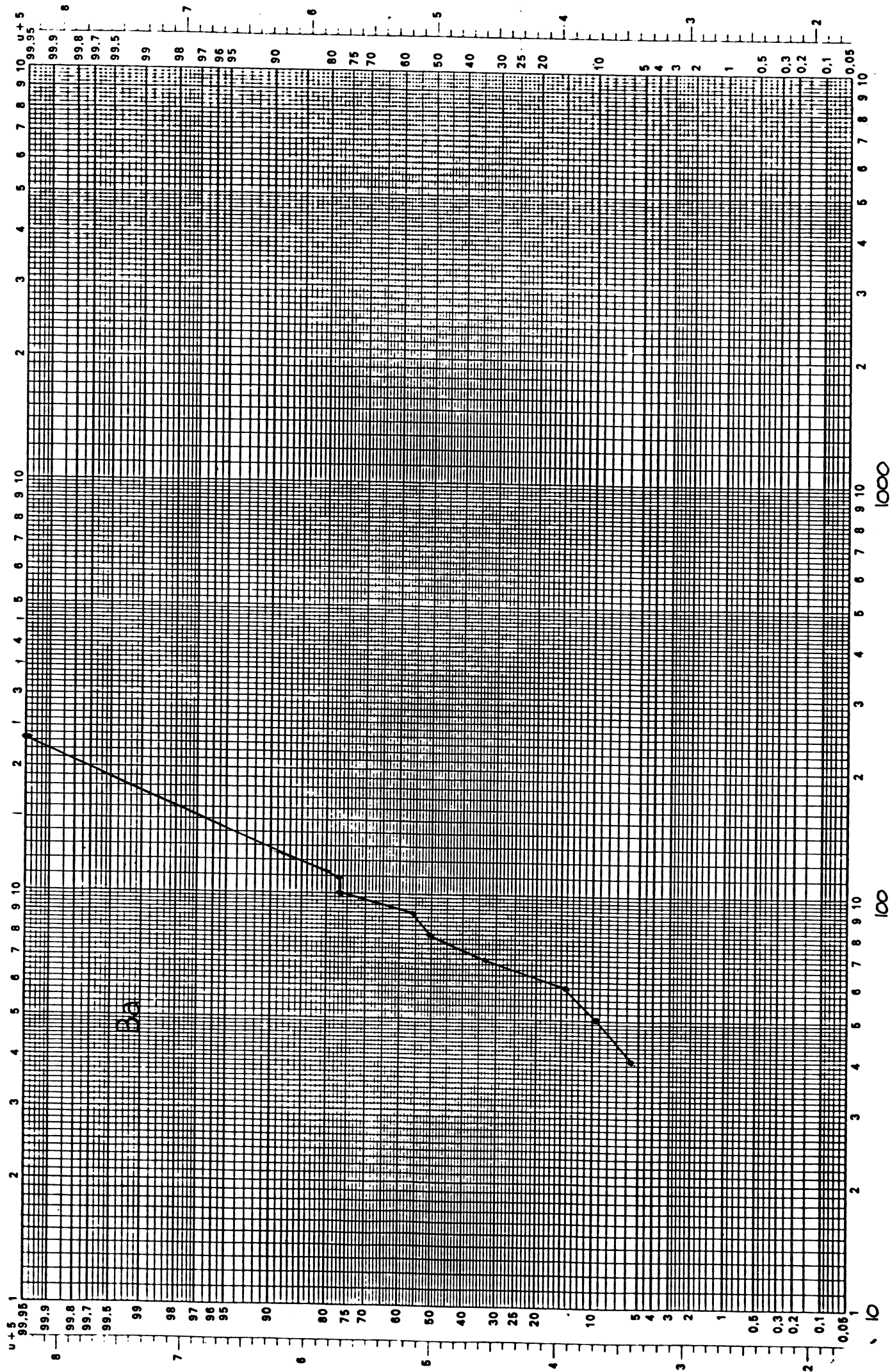




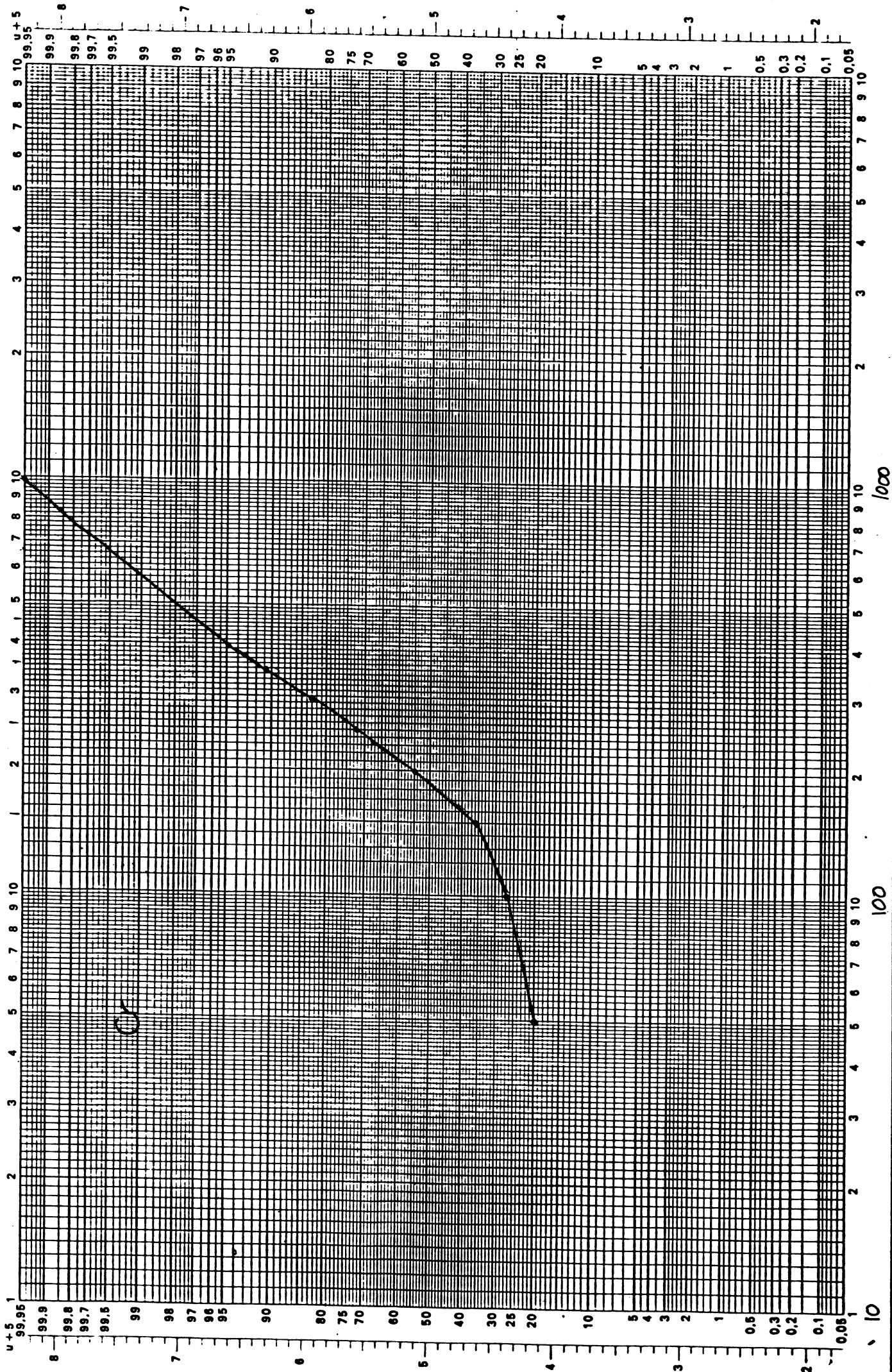
2109-8

X Gauss
M 8333

End. no: 7.14
Report no: LV 22



Encl. no 7.15
 Report no LV 22

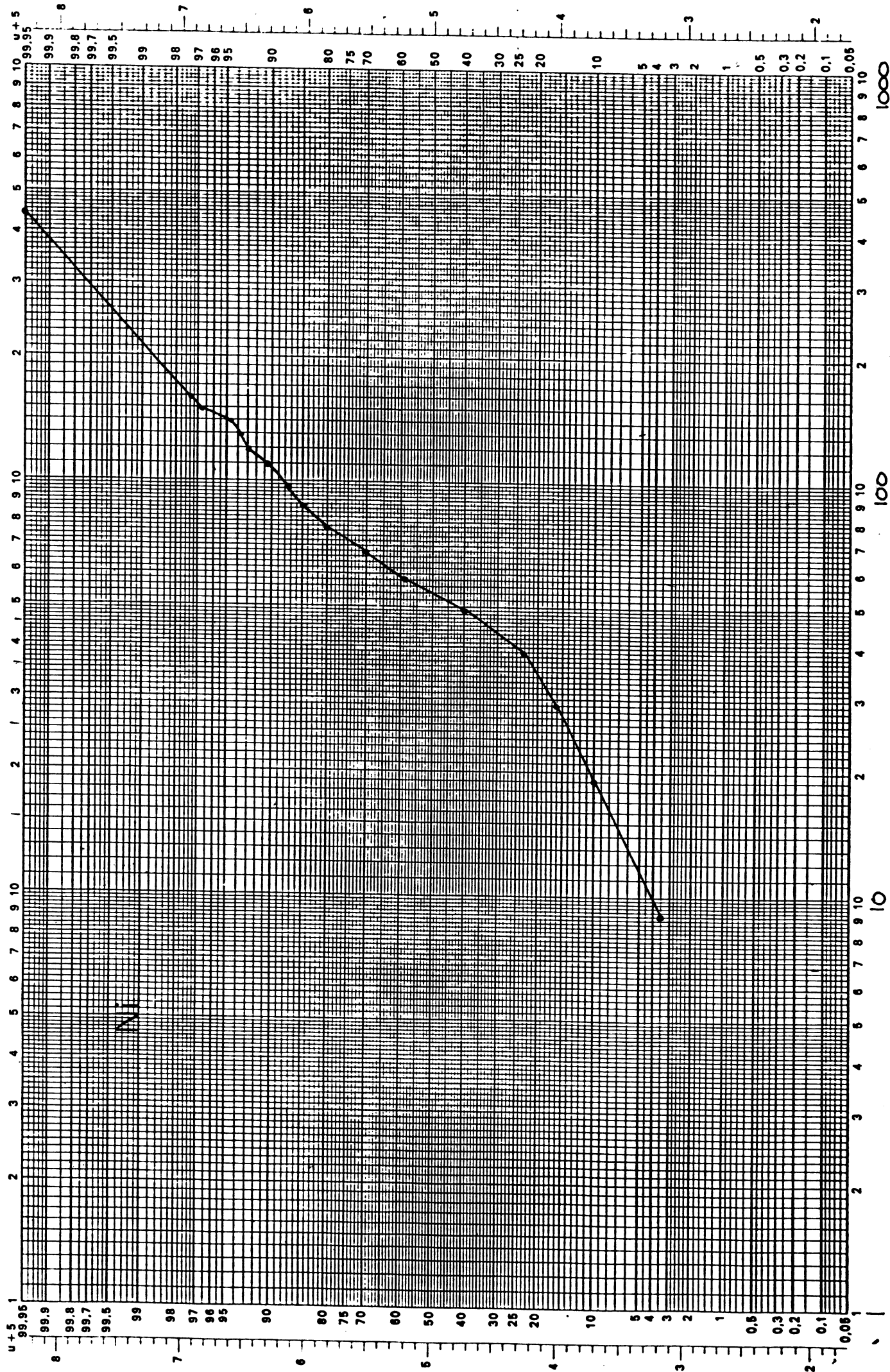




2109-8

1 X Gauss
idul 8333

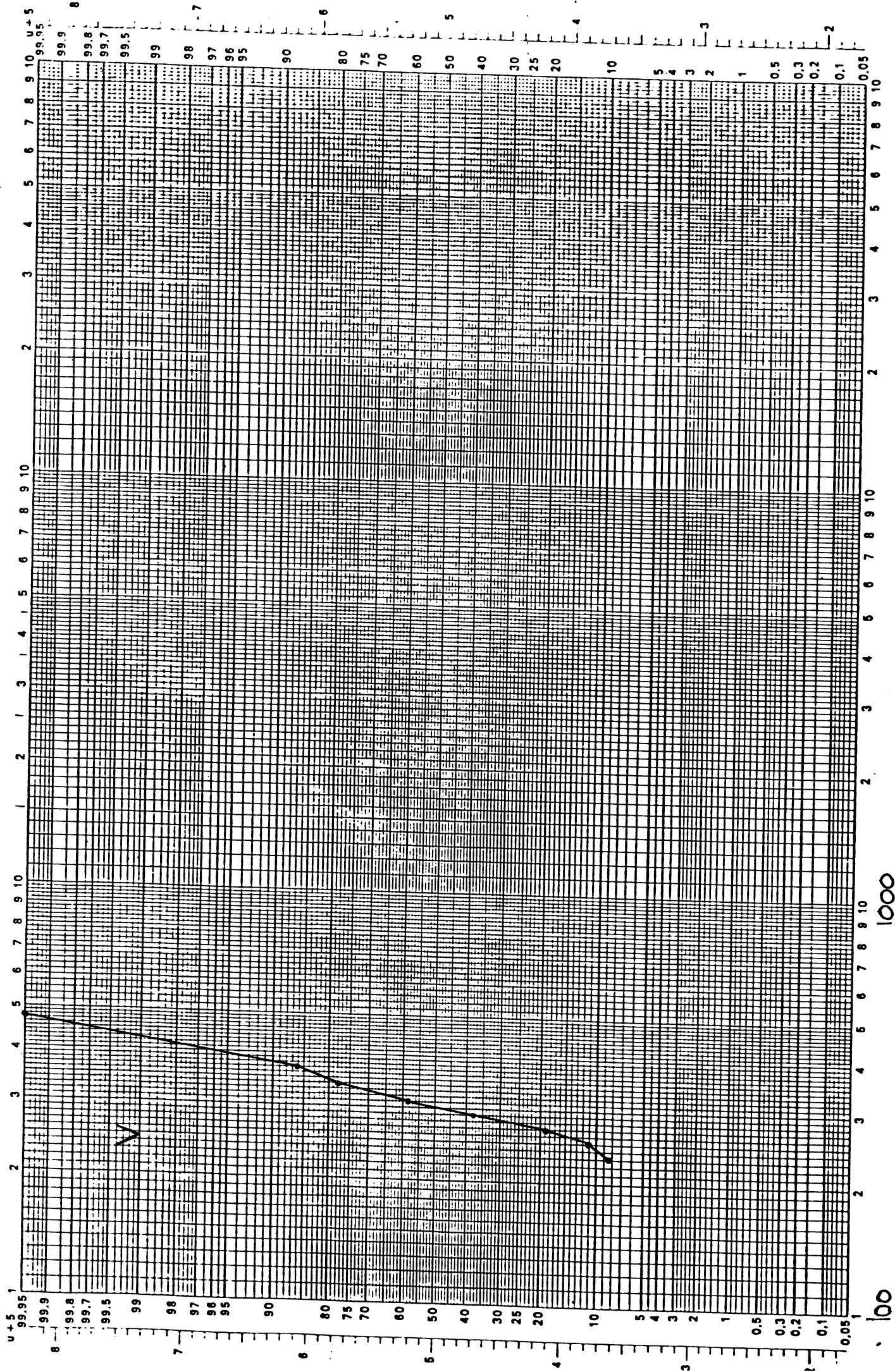
Encl. no : 7.16
Report no : LV 22





09-8
JANUS
1333

Encl. no: 7.17
Report no: LV 22

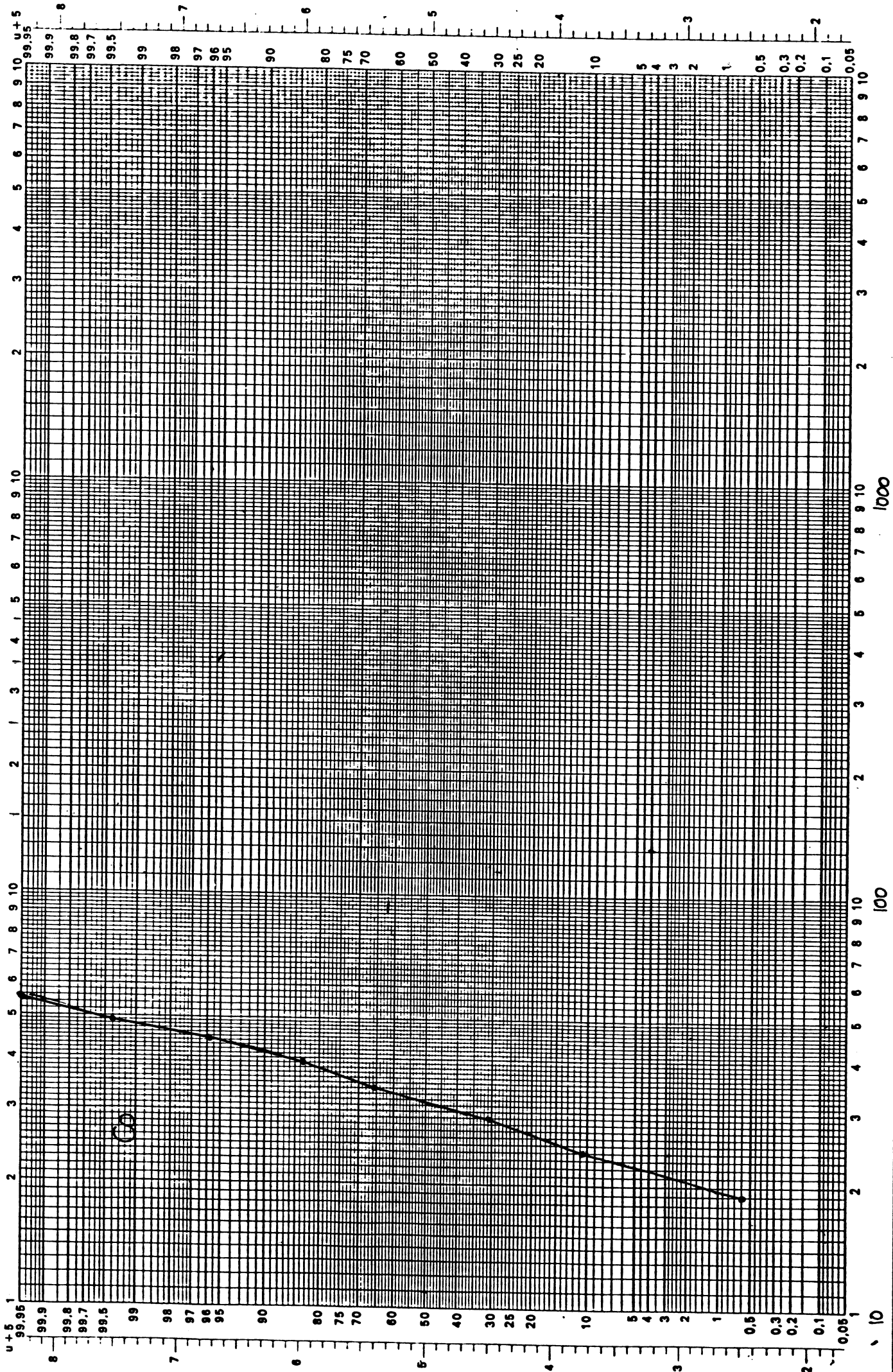




109-8

x Gauss
ul 83,33

Encl. no. 7.18
Report no. LV 22

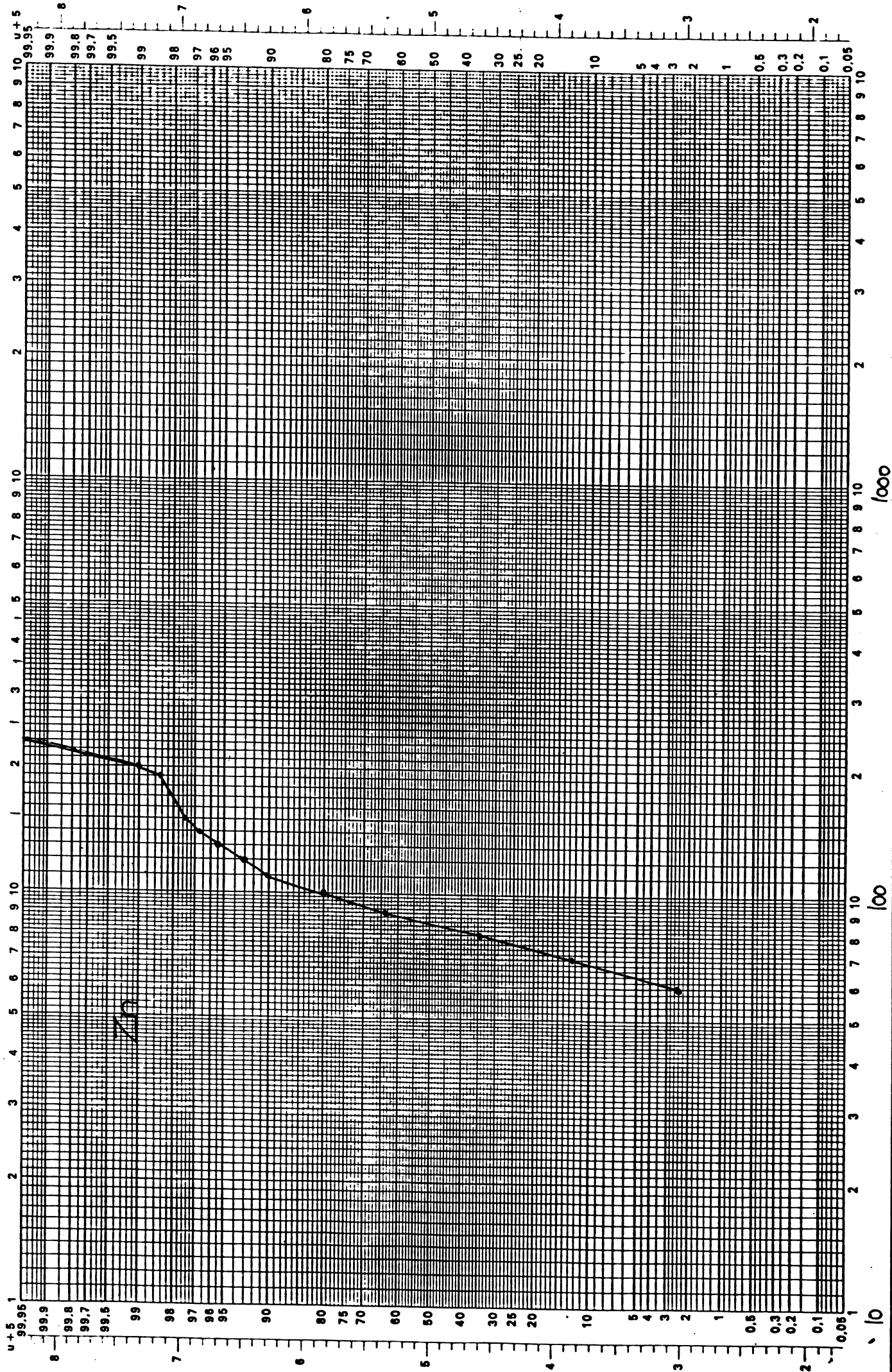




2109-8

X Gauss
LW 8333

Encl. no : 7.19
Report no : LV 22

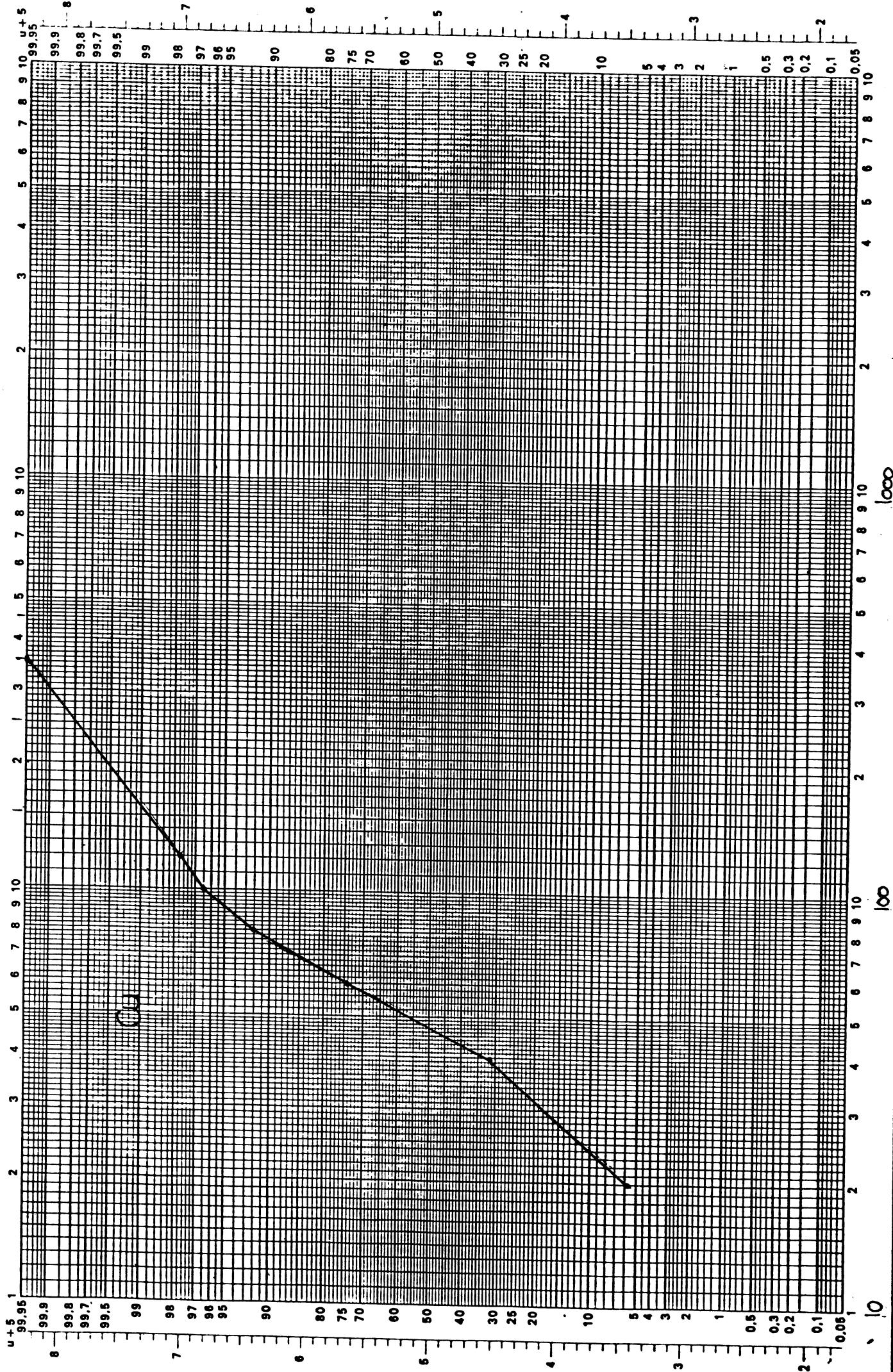




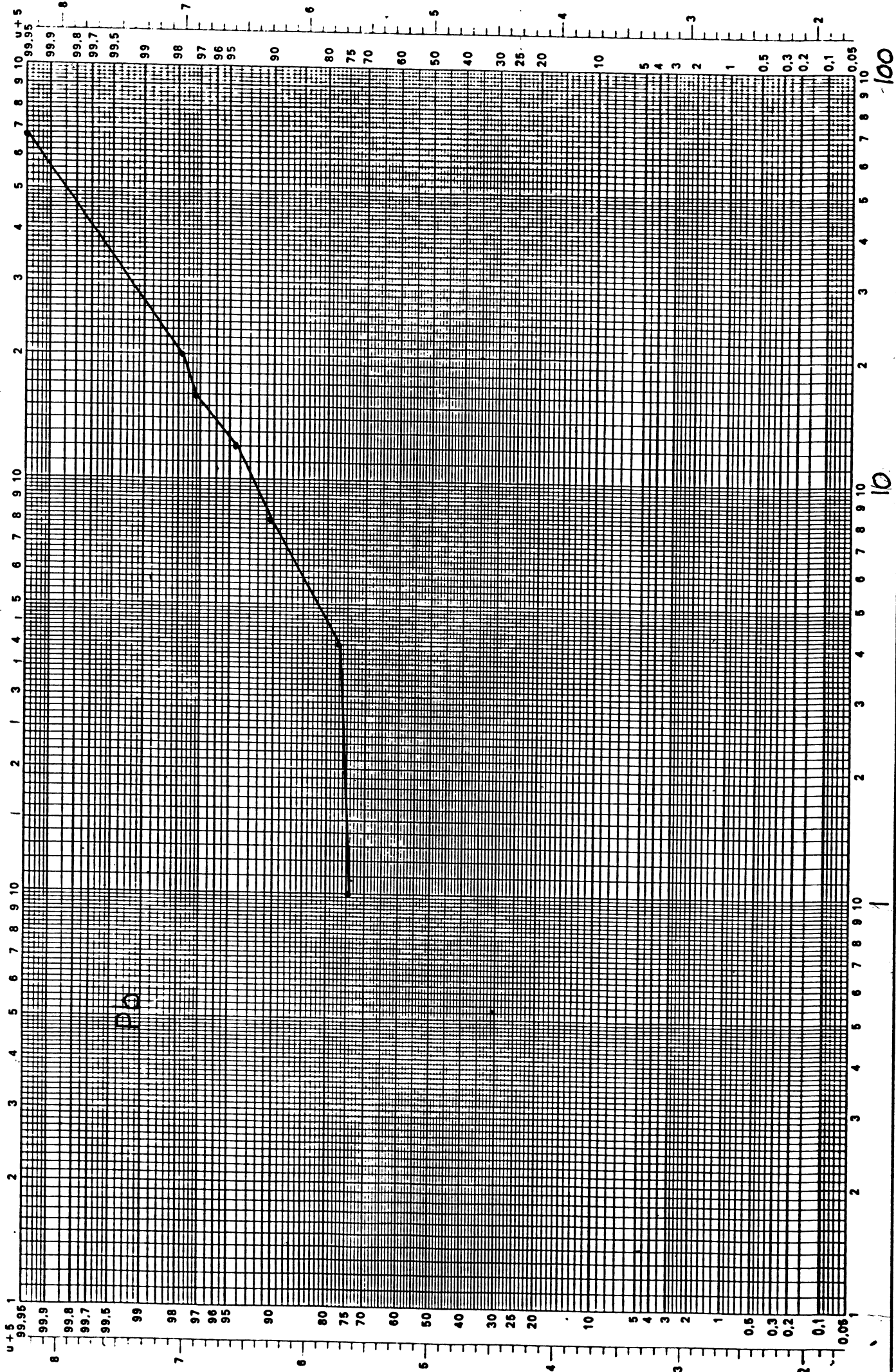
109-8

X Gauss
of 8333

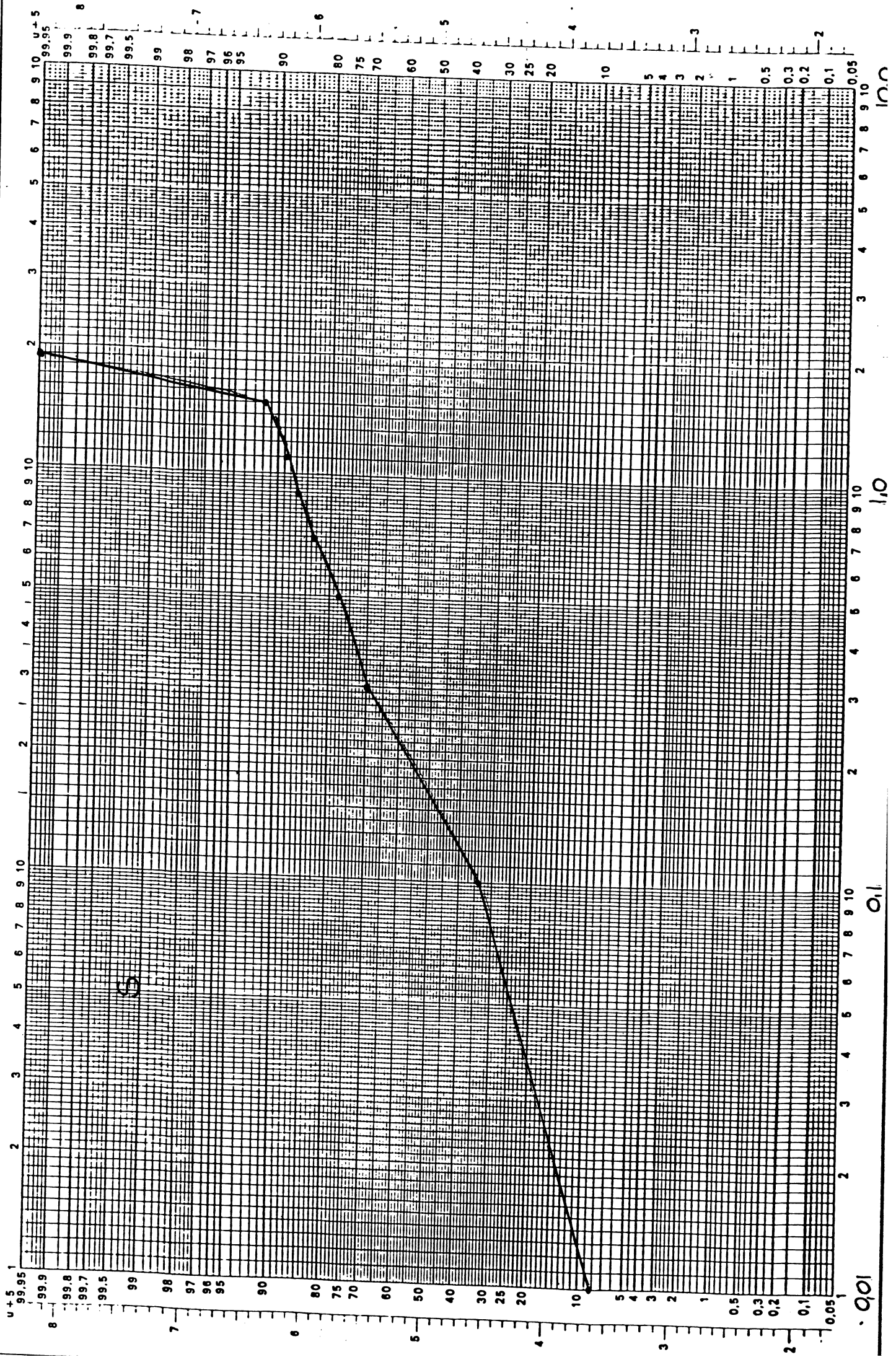
Encl. no. 7.20
Report no. LV 22



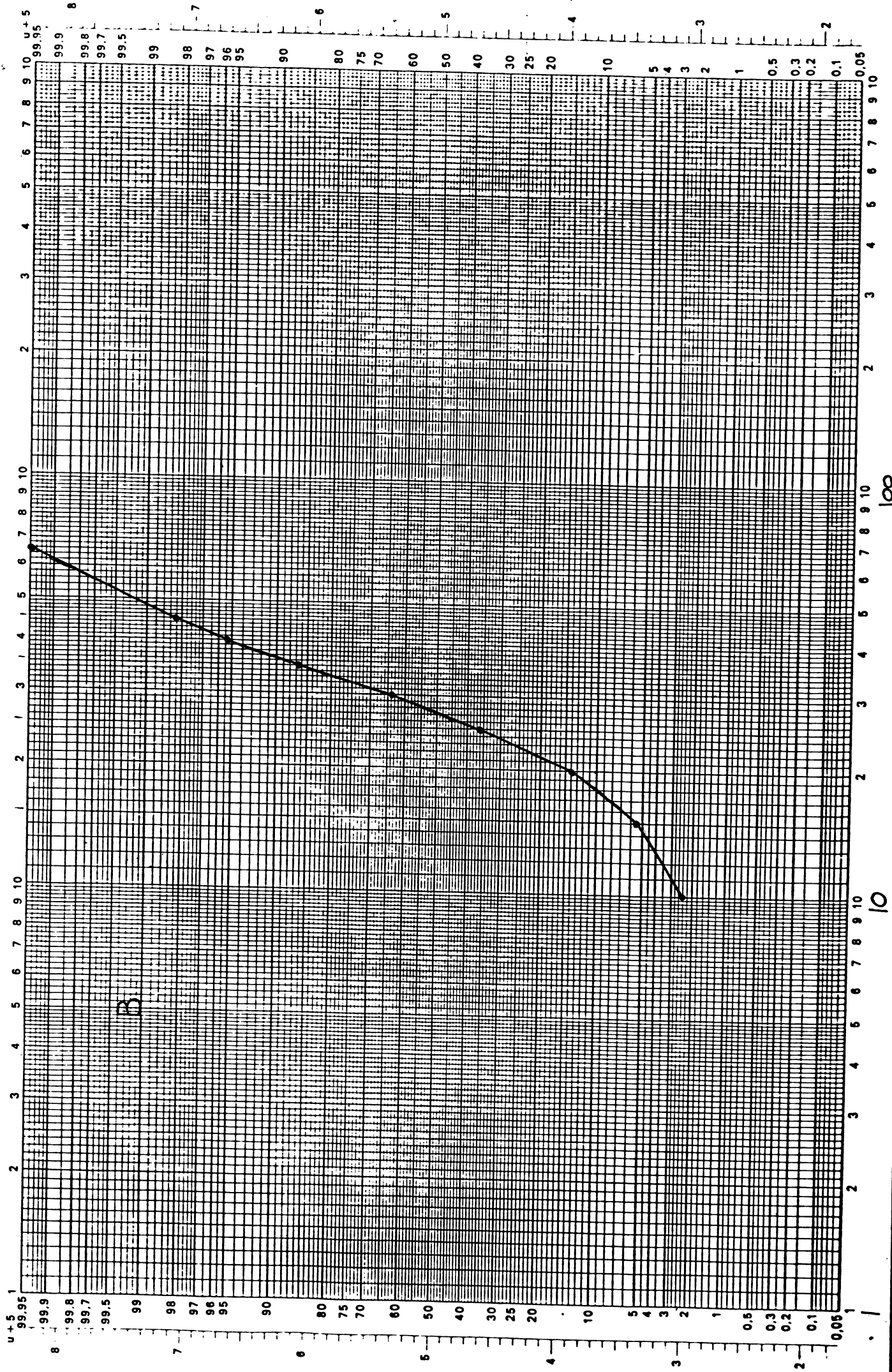
Encl. no: 7.21
 Report no: LV 22



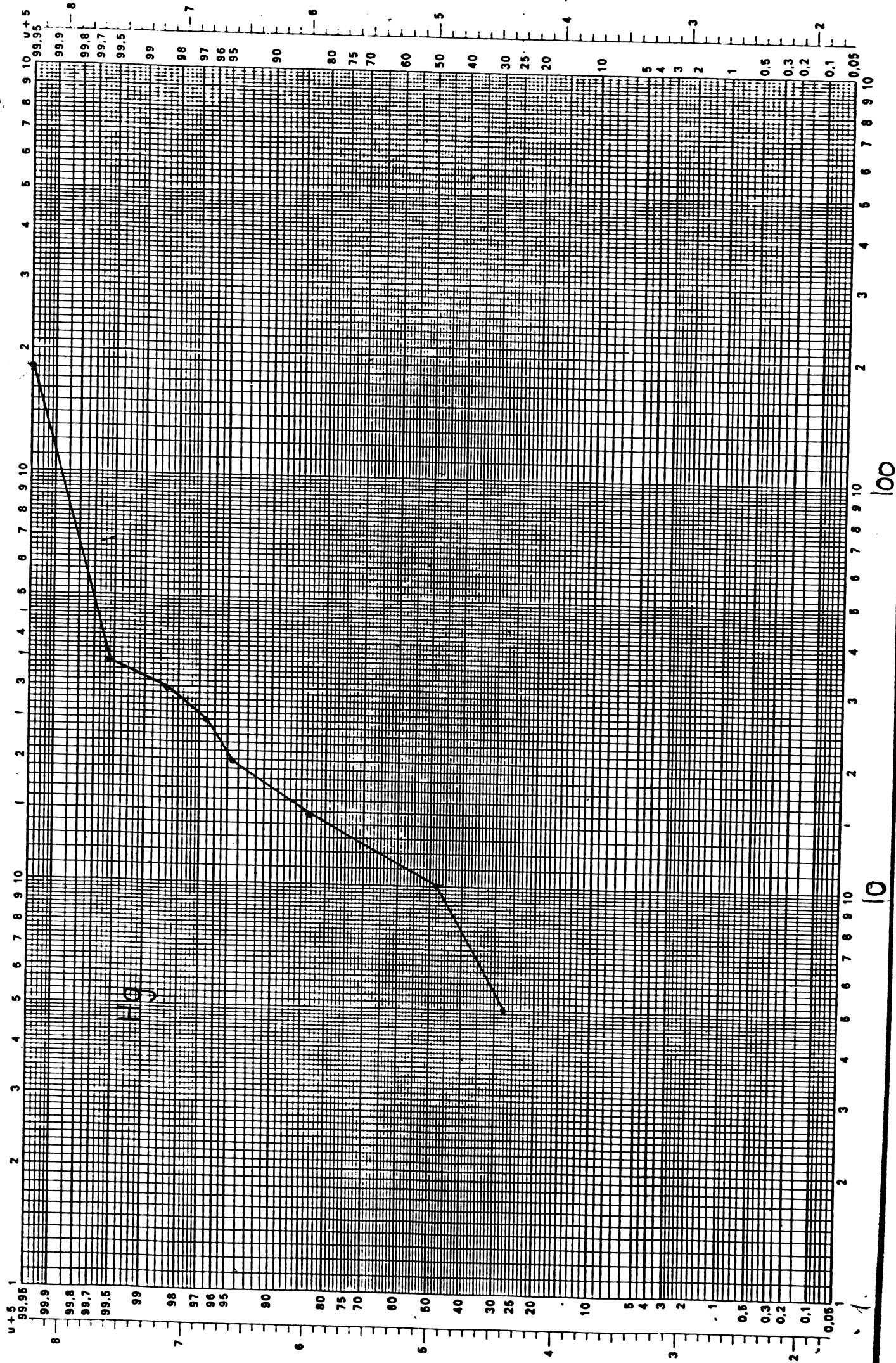
Encl. no: 7.22
Report no: LV 22

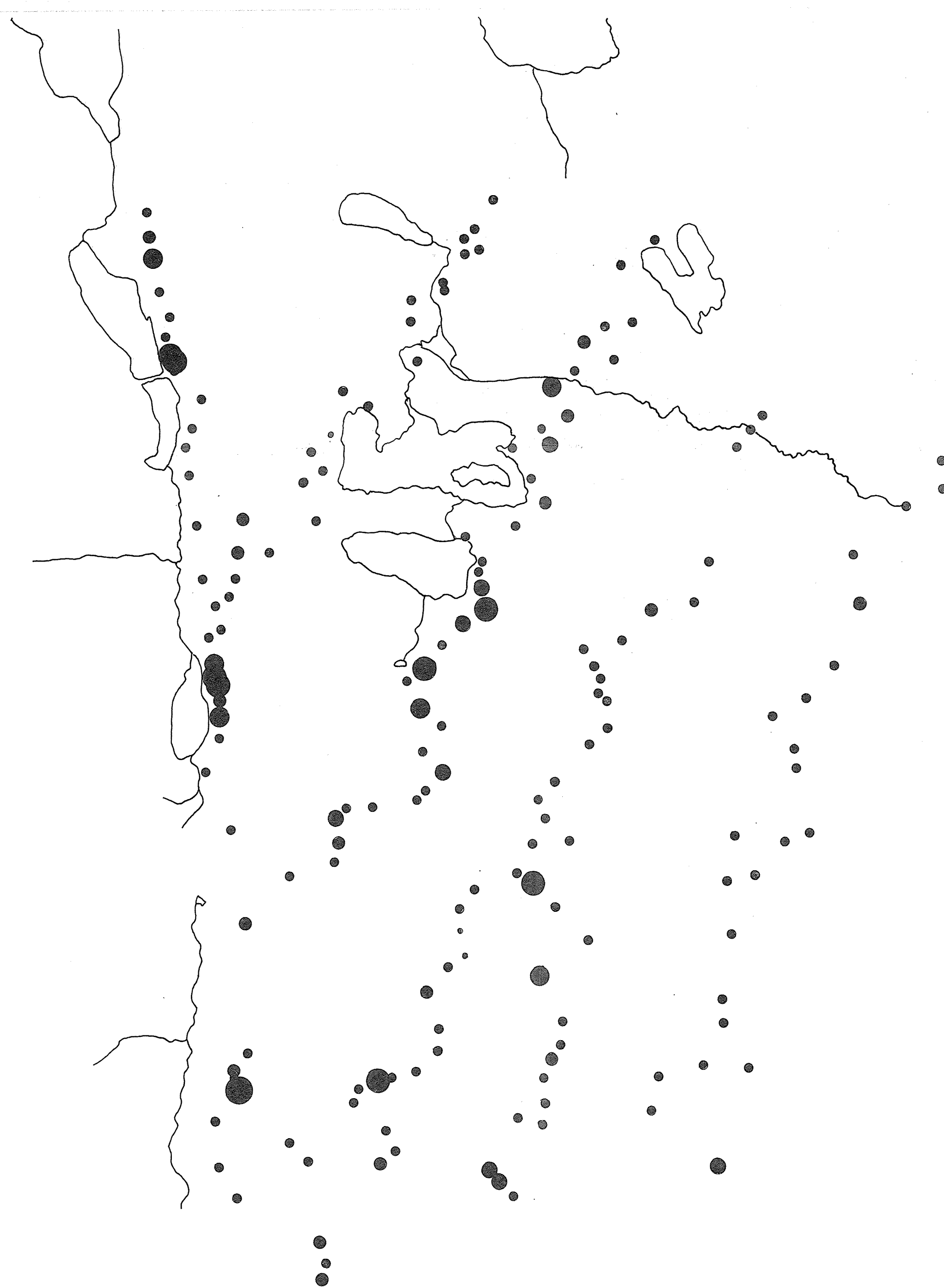


Endl. no: 7.23
 Report no: LV 22



Encl. no : 7.24
Report no : LV 22

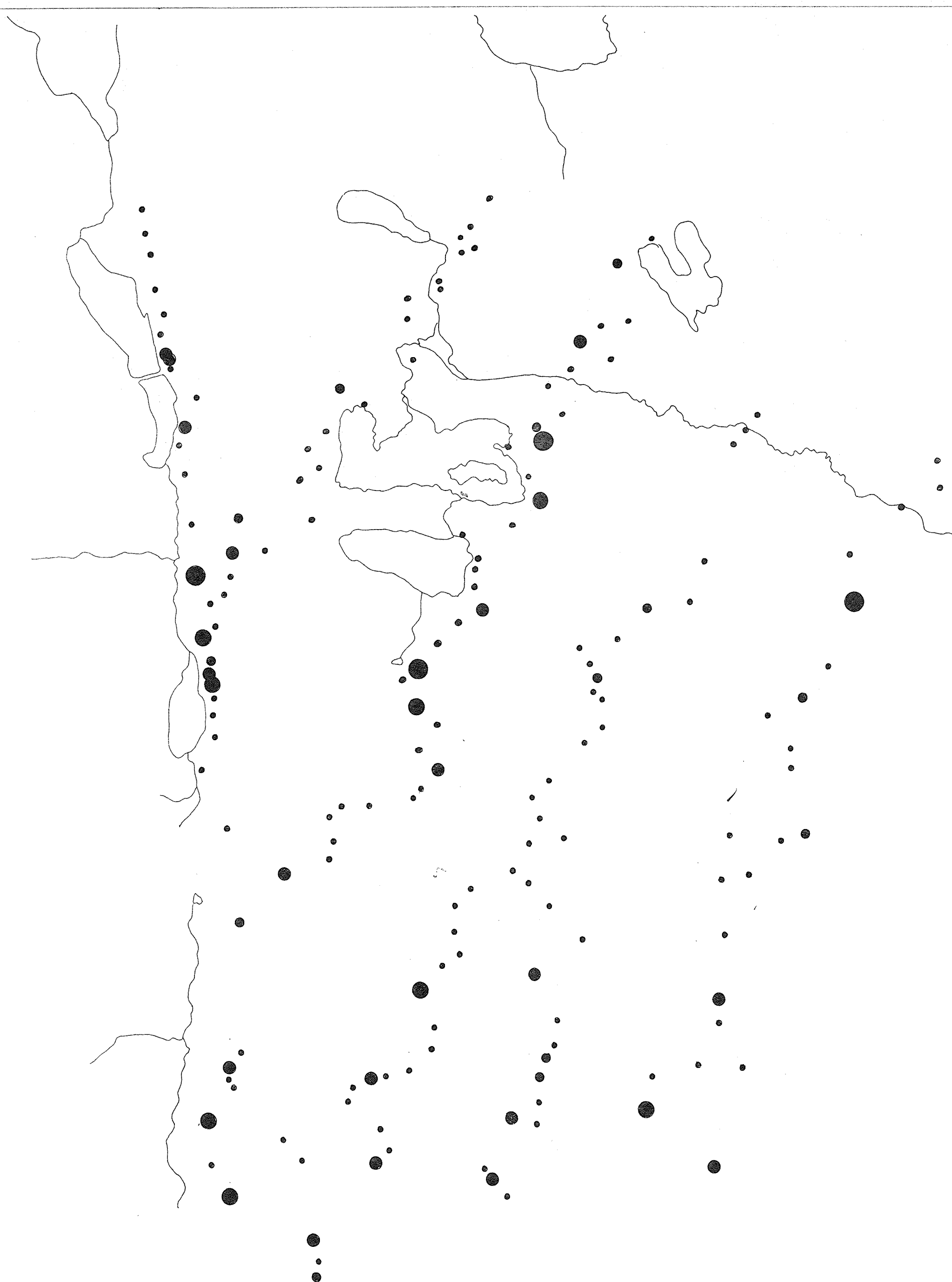




Upper limit, % S

●	> 2.00
●	2.00
●	1.00
●	0.50
●	0.25
●	0.12
●	0.06

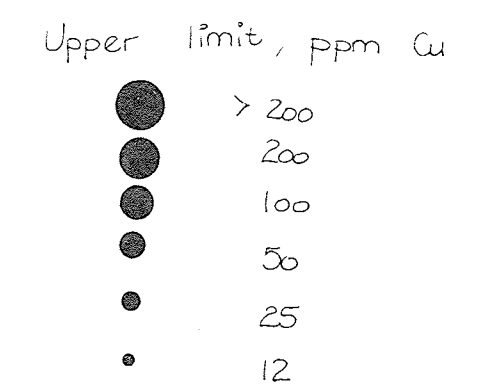
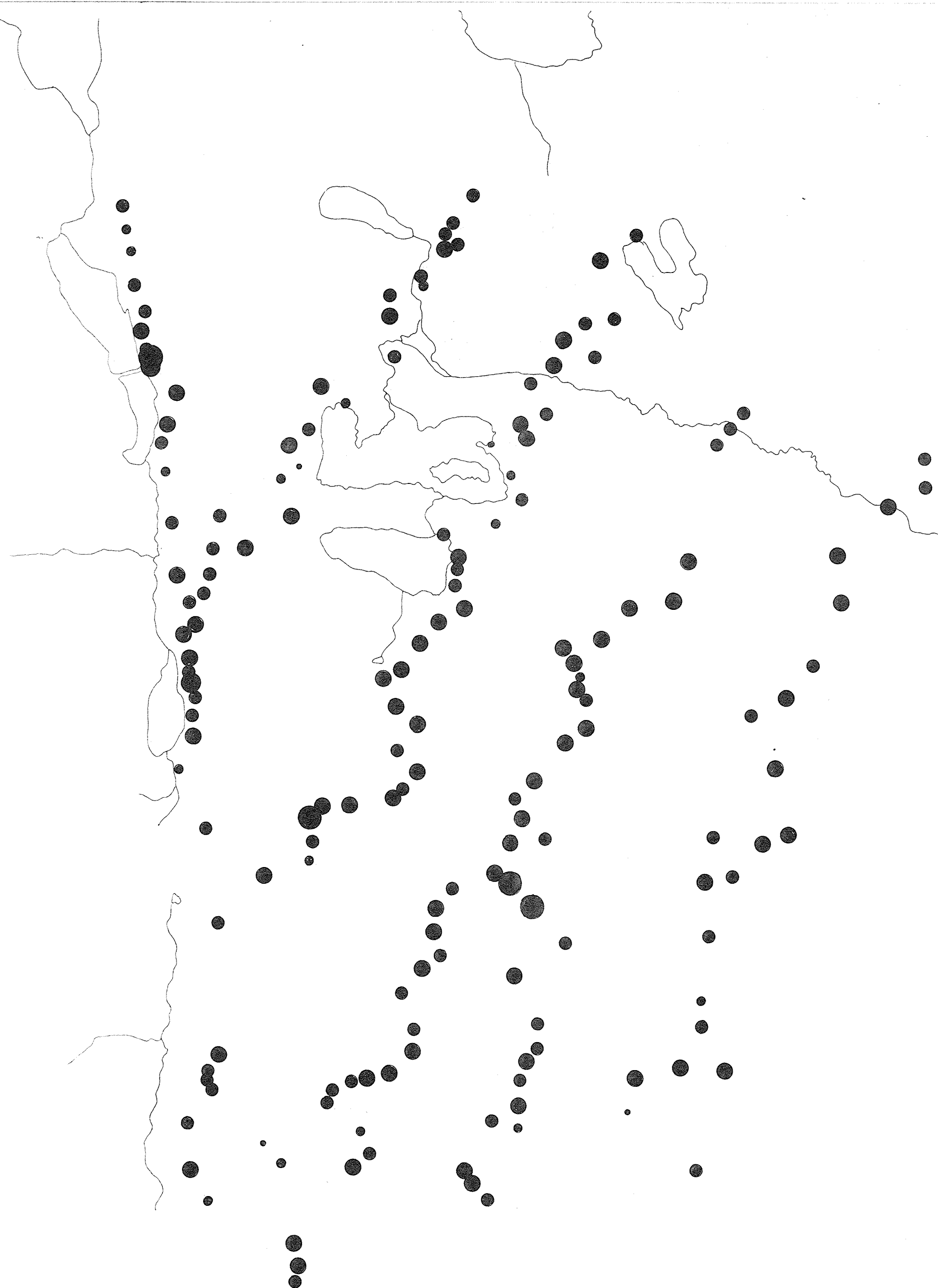
SEGEVANN - SVINSÅS area S in greenstones	Scale	Draw	AM
	1:10000	Trac	AM
		Date	Apr 82
Orkla Industrier AS 7022 LØKKEN VERK Gulf-Orkla Venture	No of A14g		
	Encl. no 88		
	Report no LV22		



Upper limit, ppm Pb

- >20
- 20
- 10
- 5
- 1

SEGELVANN-SVINSÅS area Pb in greenstones	Scale 1:10,000	Draw	AM
		Trac	AM
		Date	Apr 83
Orkla Industrier AS 7322 LØKKEN VERK Gulf-Orkla Venture	No GK A14f		
	Enclosure no 8.7		
	Report no. LV 22		



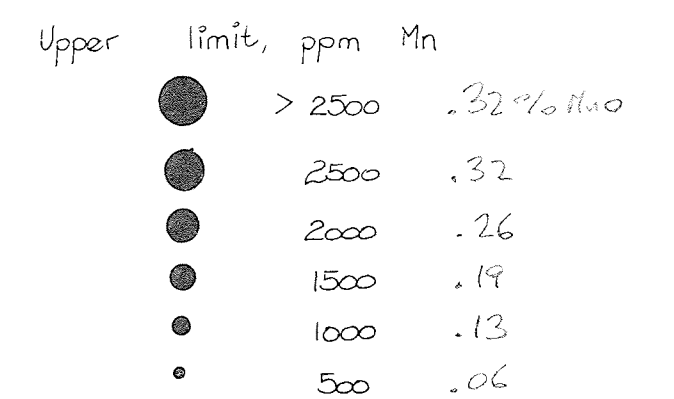
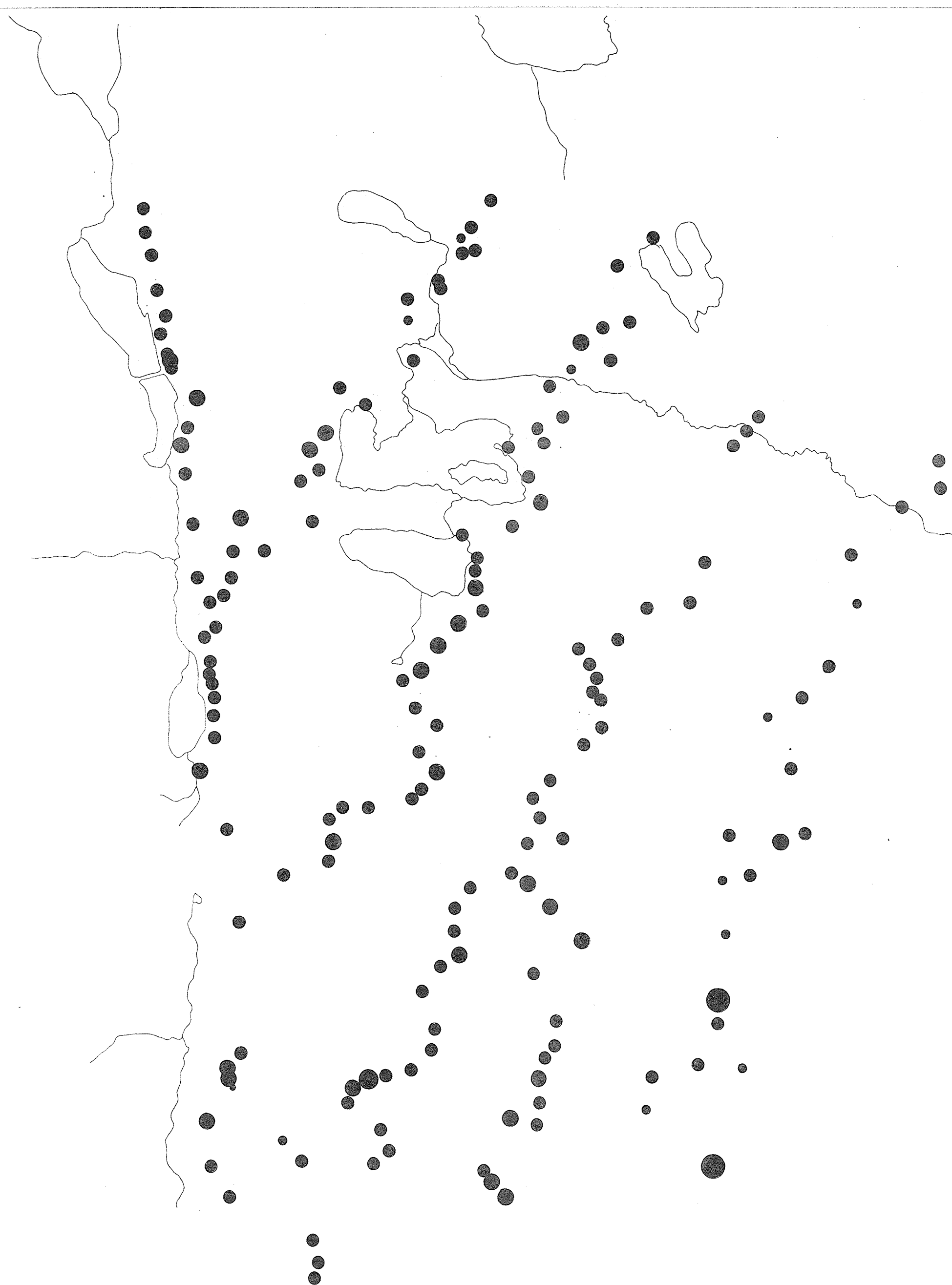
SEGELVANN-SVINGSÅS area	Scale	Draw	AM
	1:10,000	Trac	AM
		Date	Apr 83
Cu in greenstones	No GK A/14b		
Orkla Industrier AS 7332 LOKKEN VERK	Enclosure no 8.6		
Gulf-Orkla Venture	Report no LV 22		



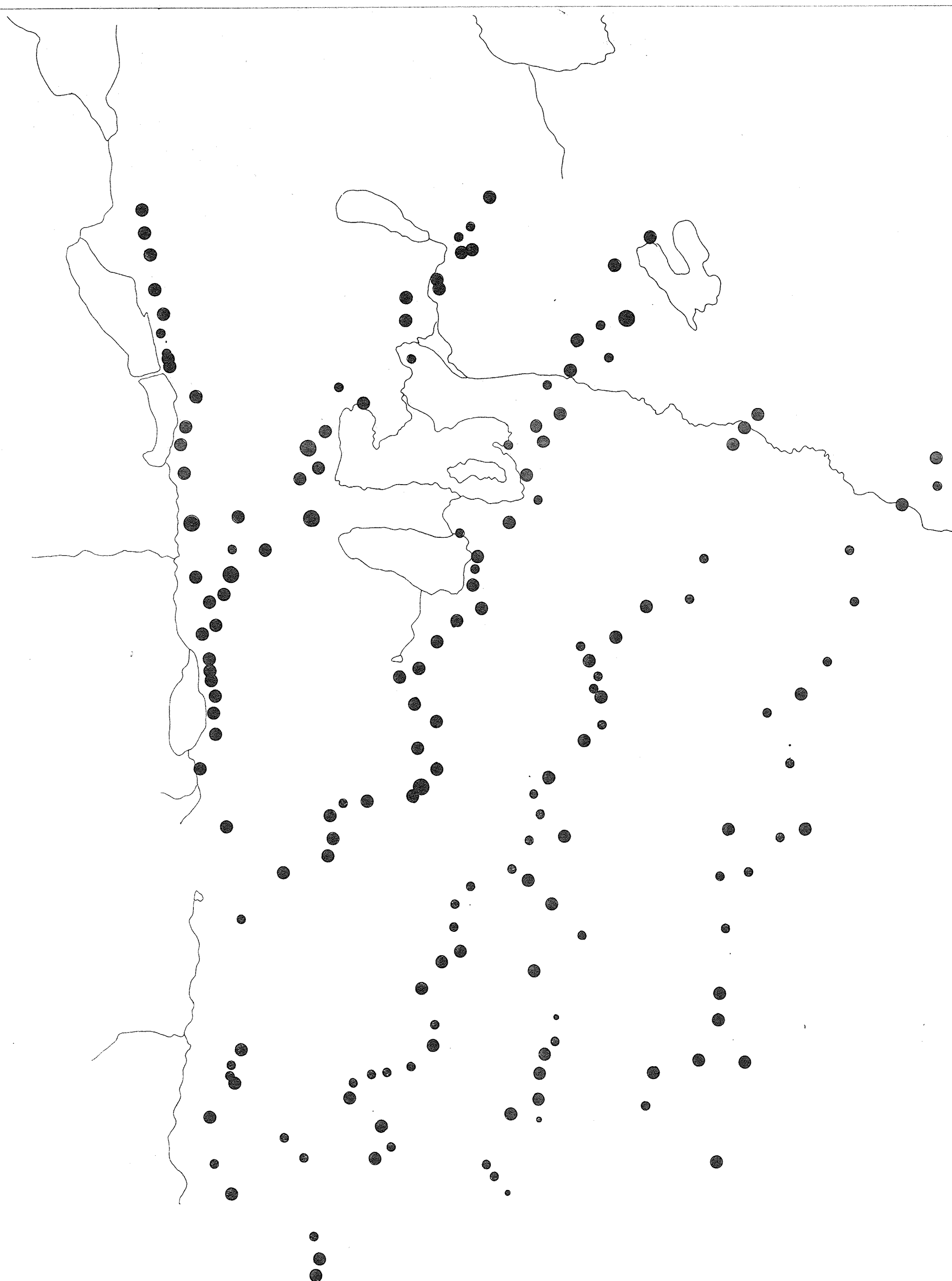
Upper limit, ppm Zn

- > 200
- 200
- 150
- 100
- 50

SEGELVANN-SVINSÅS area Zn in greenstones	Scale	Draw	Art
	1:10,000	Trac	Art
		Date	Apr 83
Orkla Industrier A/S 7332 LØKKEN VERK Gulf-Orkla Venture	No GK A14c		
	Enclosure no 8.5		
	Report no LV 22		



SEGELVANN-SVINSÅS area	Scale	Draw	Art
		Trac	Art
Mn in greenstones	1:10,000	Date	Apr 83
No. GK A/141			
Enclosure no. 8.1			
Report no. LV 22			
Orkla Industrier AS 7332 LØKKEN VERK			
Gulf-Orkla Venture			



Upper limit, ppm Co

- > 45
- 45
- 30
- 20

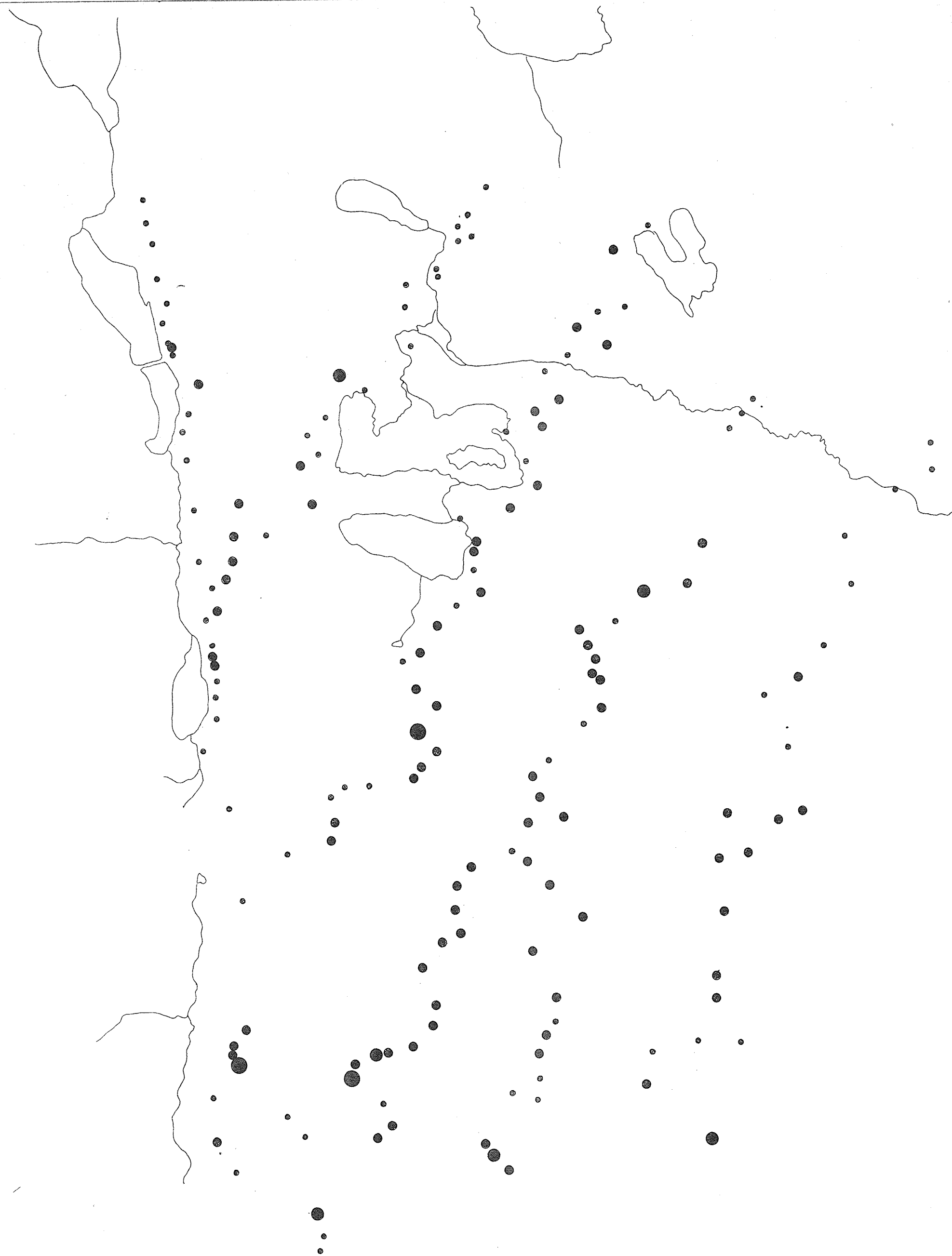
SEGELVANN - SVINSÅS area	Scale	Draw	Art
Co in greenstones	1:10,000	Trac	Art
		Date	Apr 83
Orkla Industrier AS 7332 LØKKEN VERK	No. GK A/14h		
	Enclosure no 8.4		
	Report no: LV 22		
Gulf - Orkla Venture			



Upper limit, ppm Ni

- >100
- 100
- 50
- 25
- 12

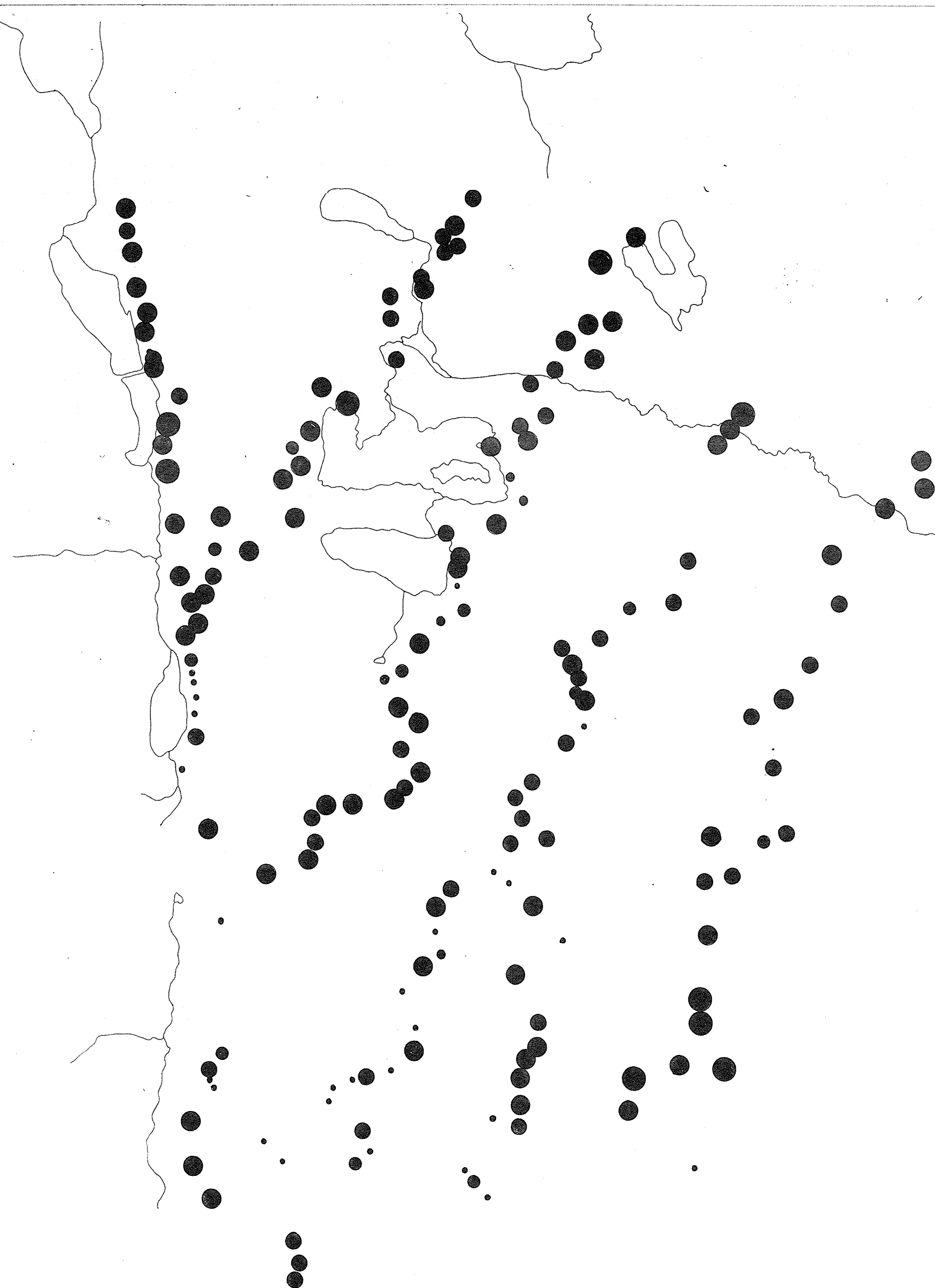
SEGELVANN · SVINSÅS area	Scale 1:10,000	Draw	AM
Ni in greenstones		Trac	AM
		Date	Apr 83
Orkla Industrier AS 7332 LØKKEN VERK	No Gk A 19k		
Gulf - Orkla Venture	Enclosure no 8.3		
	Report no LV 22		



Upper limit, ppb Hg

- > 25
- 25
- 15
- 5

SEGELVANN - SVINSÅS area Hg in greenstones	Scale 1:10,000	Draw	AM
		Trac	AM
		Date	Apr 83
Orkla Industrier AS 7332 LØKKEN VERK Gulf - Orkla Venture	No. GK A14j		
	Enclosure no 8.10		
	Report no. LV 22		



Upper limit, ppm Cr

- > 400
- 400
- 200
- 100
- 50
- 25

SEGEVANN - SVINSÅS area Cr in greenstones	Scale 1:10,000	Draw	AM
		Trac	AM
		Date	Apr 83
Orkla Industrier AS 7332 LØKKEN VERK Gulf - Orkla Venture	No. GK A/14a		
	Enclosure no 8.2		
	Report no. LV 22		



Upper limit, ppm B

- >60
- 60
- 45
- 30
- 15

SEGEVANN-SVINSÅS area	Scale	Draw	AP
B in greenstones	1:10,000	Trac	AP
Orkla Industrier AS 7332 LOKKEN VERK		Date	Apr 83
Gulf-Orkla Venture		No. 364/14d	
		Enclosure no	89
		Report no	LV 22

